

**SONY**<sup>®</sup>

Personal Communicator COM-2

# Operating Instructions



**mylo**<sup>™</sup>  
my life online

## Owner's Record

The serial number is located inside the battery compartment. Record the serial number in the space provided below. Refer to these numbers when you call your Sony Service Center.

Model No. COM-2

Serial No. \_\_\_\_\_

### **WARNING**

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The available scientific evidence does not show that any health problems are associated with using low power wireless devices. There is no proof, however, that these low power wireless devices are absolutely safe. Low power Wireless devices emit low levels of radio frequency energy (RF) in the microwave range while being used. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects might occur, but such findings have not been confirmed by additional research.

The Personal Communicator COM-2 (FCC ID: AK8COM2) has been tested and found to comply with FCC radiation exposure limits set forth for an uncontrolled equipment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65.

Please refer to the SAR test report that was uploaded at FCC website.

This device and its antenna(s) must not be co-located or operating with any other antenna or transmitter except Grant condition. Users are not permitted

to modify this transmitter device. Any unauthorized change made to this device could void your authority to operate this device.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept interference received, including interference that may cause undesired operation.

The supplied interface cable must be used with the equipment in order to comply with the limits for a digital device pursuant to Subpart B of Part 15 of FCC Rules.

### **Important Safety Instructions**

Save these instructions.

#### **Danger**

To reduce the risk of fire or electric shock, carefully follow these instructions. For connection to a supply not in the U.S.A., use an attachment plug adapter of the proper configuration for the power outlet.

Do not expose the unit to rain or moisture.

Do not open the cabinet. Refer servicing to qualified personnel only.

The socket outlet shall be located near the equipment and shall be easily accessible.

A danger of explosion exists if the battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Discard used batteries according to the manufacturer's instructions.

The battery pack used in this device may present a fire or chemical burn hazard if mistreated. Do not disassemble, heat above 140°F (60°C) or incinerate. Do not short circuit. Dispose of used battery promptly. Keep away from children.

#### **Caution**

Do not use wireless LAN on hospital premises, as doing so may cause medical devices to malfunction.

Do not use wireless LAN on an aircraft, as doing so may cause the aircraft's equipment to malfunction.

If using wireless LAN near a pacemaker, make sure it is at least 8 inches (20 cm) away from the pacemaker.

Sony is not responsible for any interference that you may experience or that may be caused when operating this device.

#### **Wireless LAN Security**

Creating security settings for the wireless LAN is important. Sony assumes no responsibility for any security problems that may arise from the use of the wireless LAN.

## If you have any questions about this product:

### Visit:

<http://www.sony.com/mylo>

### Contact:

Sony Customer Information Services Center at 1-866-420-7669

### Write:

Sony Customer Information Services Center

12451 Gateway Blvd.,

Ft. Myers, FL 33913

### For an accessory or part not available from your authorized dealer, call:

1-800-488-SONY (7669)

#### Declaration of Conformity

Trade Name:	SONY
Model No.:	COM-2
Responsible Party:	Sony Electronics Inc.
Address:	16530 Via Esprillo San Diego, CA 92127 USA
Telephone No.:	858-942-2230

#### RECYCLING LITHIUM-ION BATTERIES

Lithium-ion batteries are recyclable.

You can help preserve our environment by returning your used rechargeable batteries to the collection and recycling location nearest you.



For more information regarding recycling of rechargeable batteries, call toll free 1-800-822-8837, or visit <http://www.rbrc.org/>.

**Caution:** Do not handle damaged or leaking lithium-ion batteries.

#### Notes on using



**No Emergency Calls.**

IP communication is not a replacement for your ordinary telephone and should not be used for emergency calling.



## Notes on this manual

Screen shots in this manual may be different from the actual displays in the supplied software.

## LCD display and camera lens

The LCD and camera of your Personal Communicator is designed with precision technology. However, in some cases, individual pixels may remain lit or may not light at all. Also, the brightness of the display may appear inconsistent, depending on the angle of view. Such anomalies are caused by the nature of the LCD and do not indicate a malfunction.

Please note that Sony does not guarantee a replacement or refund for such cases.

Do not expose the LCD or camera lens to direct sunlight for prolonged periods of time. It may result in a malfunction. Do not store your Personal Communicator in areas subject to sunlight, such as near windows, and be careful when using outdoors.

## No guarantee for lost or damaged data

Sony does not provide any guarantee for lost or damaged data.

## Copyrights

- Television programs, films, videotapes, and other materials may be copyrighted.  
Unauthorized recording of such materials may be contrary to the provisions of the copyright laws.
- Recorded songs are limited to private use only. Use of songs beyond this limit requires permission of the copyright holders.

## Third Party Service Features and Availability

Certain features, such as AIM<sup>®</sup>, Skype<sup>™</sup>, Yahoo!<sup>®</sup> and Google Talk<sup>™</sup> branded services, are provided by third parties. Sony does not guarantee such services or warrant their continued availability. Sony expects the features and nature of such services will change over time.

## Keep your mylo up-to-date

Sony strongly recommends that you visit the mylo System Update Download Web site (<http://www.sony.com/mylo/support>) frequently and always keep your mylo updated with the most recent version of the system software.

From time to time, updates will improve performance, including security features.

To check what's new about mylo, visit the Web site:

<http://www.sony.com/mylo>

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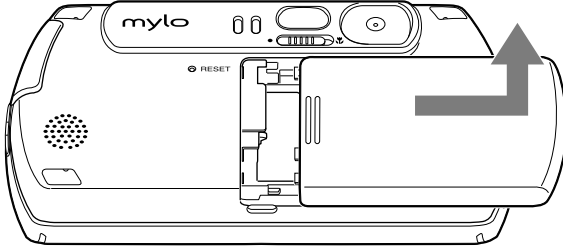
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## Installing the Supplied Battery

Make sure that the battery is inserted before using the unit.

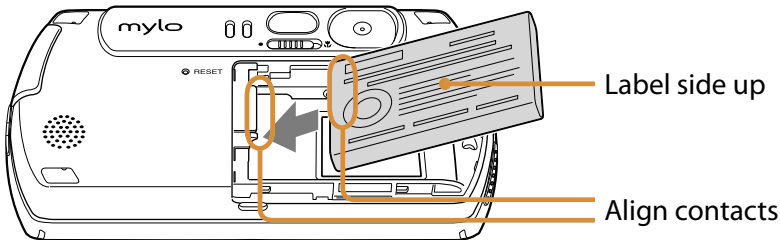
### 1 Open the battery compartment cover.

Use the thumb grip to slide the battery cover open as shown.



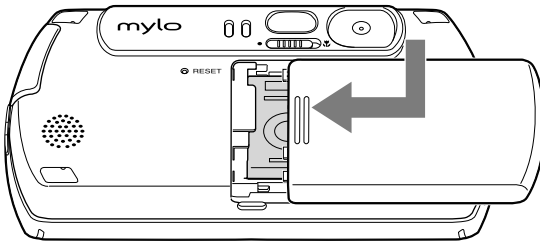
### 2 Insert the battery.

With the label side up, align the metal contacts on the battery with the contacts inside the battery compartment.



### 3 Close the battery compartment cover.

Slide the battery compartment cover onto the back of the unit until it clicks into place.



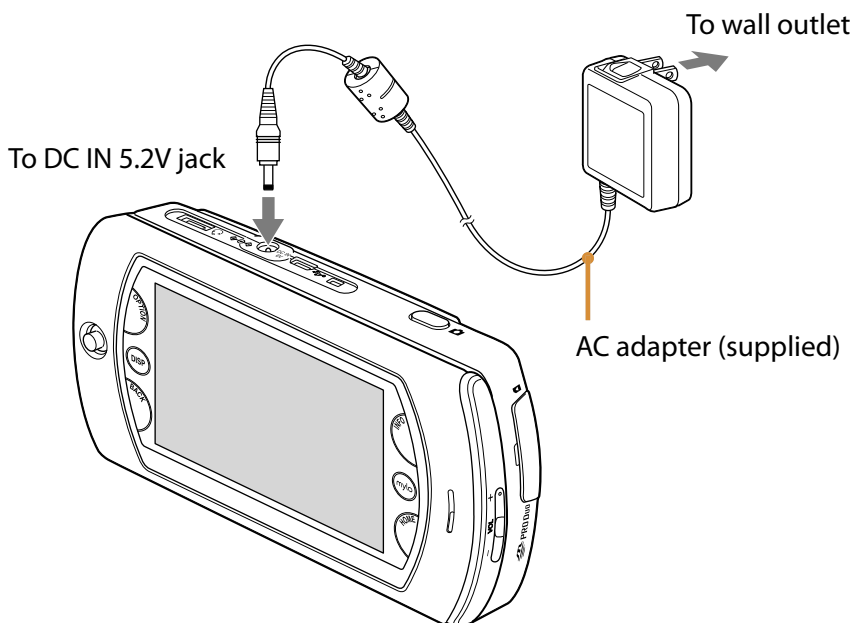
#### Notes

- Turn off the unit before replacing the battery and complete the replacement within 30 seconds. Removing the battery while the unit is turned on may damage data in the unit and cause a malfunction.
- Even when using the AC adapter, be sure the battery is inserted when the unit is in use. The unit is not designed to run without the battery installed.
- Do not use any other type of battery in your unit.


## Charging the Battery

### Charging using the AC adapter

- 1 **Connect the AC adapter (supplied) to the DC IN 5.2V jack of the unit, and then connect the adapter to a wall outlet.**



Charging starts.

The CHARGE indicator lights up, and the battery indicator sections (  ) appear on the display (when power is on) in succession as charging progresses.

A complete charge requires approximately 2.5 to 6.5 hours\*.

When the charge is completed, the CHARGE indicator goes out.

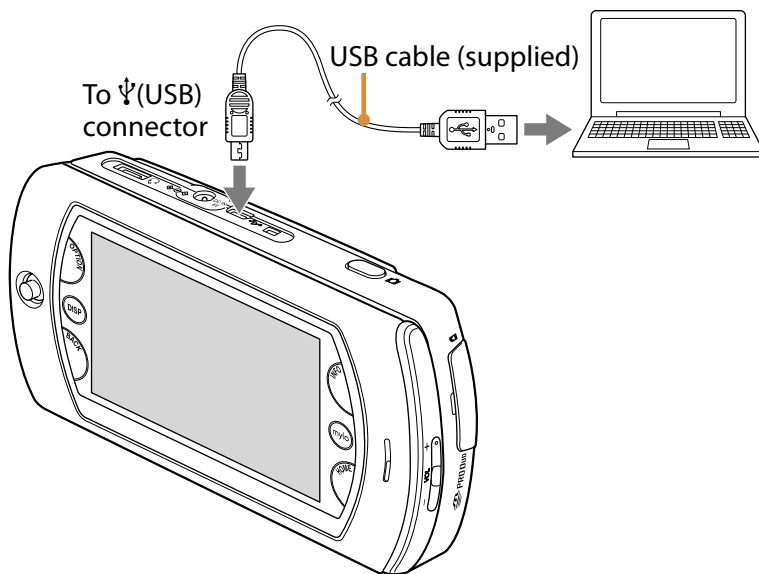
\* Charging may take a long time depending on the operating conditions.

#### Notes

- If “Auto Power Off” is set to “Disable,” a complete charge may require 6.5 hours or longer.
- The charging time varies with the temperature. Charging is possible in an environment of between 41 to 95°F (5 to 35°C). If the temperature is not in this range, the batteries may not be charged properly.
- This unit is not charged while using sound output (music, video, etc.) from the loudspeaker even when connected to the AC adapter.
- When connecting the AC adapter, do not short-circuit the Charging Cradle connector.

## Charging using the USB cable

- 1 **Connect the USB cable (supplied) to the  $\Psi$ (USB) connector of the unit, and then connect the USB cable to the computer.**



The unit automatically turns on and charging starts.

The CHARGE and POWER indicators light up.

A complete charge requires approximately 3.5 to 6 hours.\*


When charging is completed, the CHARGE indicator goes out.

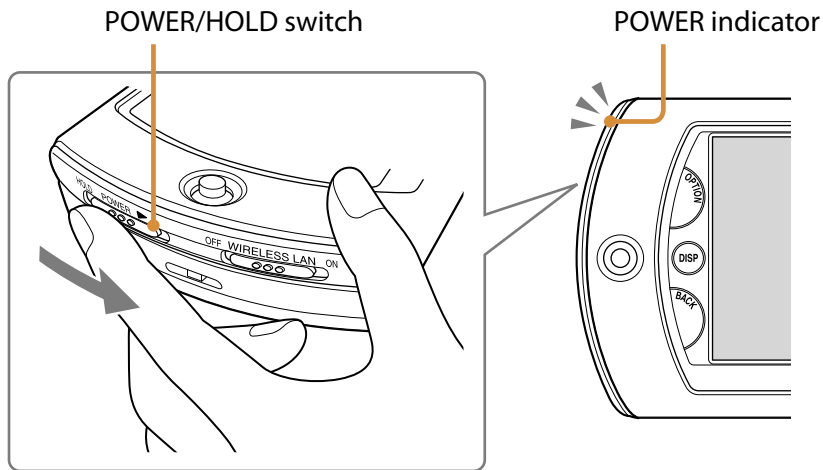
\* Charging may take a long time such as when continuous file transferring operations are executed.

### Notes

- The supplied interface cable must be used with the equipment in order to comply with the limits for a digital device pursuant to Subpart B of Part 15 of FCC Rules.
- When the battery is completely discharged, it is recommended to use the AC adapter to charge rather than the USB cable.
- If you have set the Password on this unit, input the password and release the password lock. Unless you release the lock, you cannot charge the battery by the USB cable.
- If your unit is connected to your computer via the included USB cable and the computer enters a power saving mode (such as system suspend, sleep, or hibernation), the unit's battery will begin discharging.
- Do not leave the unit connected for extended periods to a notebook computer that is not connected to AC power, because the unit may discharge the computer's battery.
- If the unit does not automatically turn on when you connect it to your computer using the USB cable, wait a few minutes, and then turn it on by sliding the POWER/HOLD switch (🔑 page 15).
- Connecting the unit via a USB hub may not work and is not supported. Connect the USB cable directly to the computer.
- The charging time varies with the temperature. Charging is possible in an environment of between 41 to 95°F (5 to 35°C). If the temperature is not in this range, the batteries may not be charged properly.

## Turning On the Power - POWER/HOLD Switch

Make sure that the battery is charged first. For how to connect the unit, refer to  page 9.



- 1 Slide and hold the POWER/HOLD switch toward the direction of the arrow.**

The unit turns on, and the POWER indicator lights up green.

When you turn on the unit for the first time, the initial set-up wizard appears after about 1.5 minutes. Follow the instructions on the display to set-up.

Normally, the last screen viewed is restored whenever the power is turned back on.



### To turn off the unit

Slide and hold the POWER/HOLD switch toward the direction of the arrow. The POWER indicator goes out.

#### Notes

- Do not remove the battery or disconnect the AC adapter while the start-up screen is displayed.
- If it has been more than 8 days since the last time the unit was used, the Home menu is displayed about 1.5 minutes after the start-up screen appears.
- While the start-up screen is being displayed, you cannot turn off the unit.
- If the power is turned on or off in a way other than stated above (for example, taking out the battery or pressing the RESET button), some data stored may be damaged or erased. Be sure to turn on and off the power using the POWER/HOLD switch.

#### Hints

- This unit automatically turns itself off (Auto Power Off) in 5 minutes (default setting) from the last operation, unless it is playing back music or video, or while the AC adapter is connected. To clear the setting or change the value, see  page 152.
- About the initial set-up wizard, see  page 27.


## Checking the Remaining Battery Power

The remaining battery power is displayed on the status bar of the display. As the battery runs down, the sections of the indicator disappear.

When the battery runs out, the unit turns off automatically after displaying “Low Battery! Please charge” for 5 seconds. Before turning the unit back on, charge the battery (🔌 page 9).

 →  →  →  →  → “Low Battery! Please charge.”

### Notes

- The battery indicator on the display is only an estimate. For example, an indication of “” will not always mean exactly half of the battery’s charge.
- The accuracy of the battery indicator on the display may vary depending on the operating conditions and environment of the unit.
- When the battery is completely discharged, it is recommended to use the AC adapter to charge rather than the USB cable.

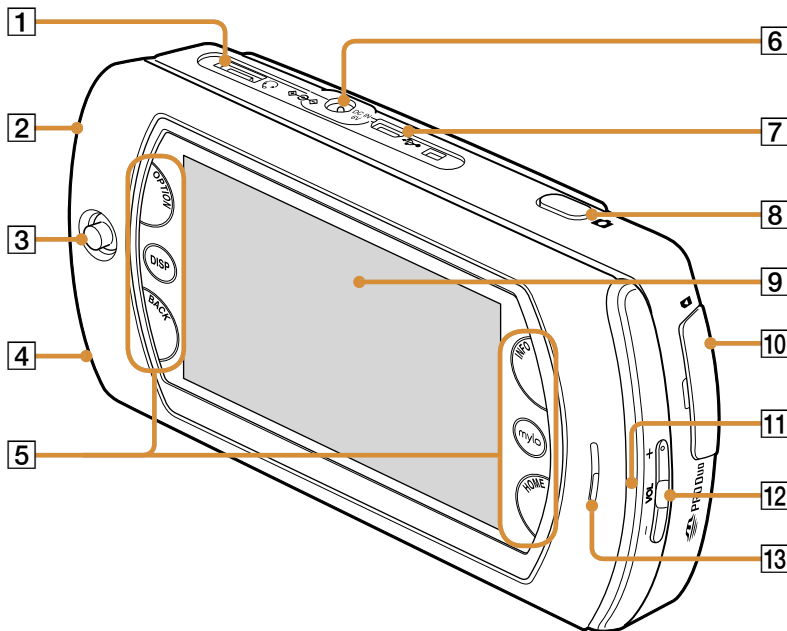



# Basic Operation

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## Parts and Controls

### Front



**1**  **(Headset) jack** (☞ page 24)  
Connects to the supplied One Touch Answer Remote Controller with Microphone.


**2** **POWER indicator** (☞ page 11)  
Lights up green when the unit is turned on.


**CHARGE indicator** (☞ page 9)  
Lights up orange while the unit is charging.  
Goes out when the battery is completely charged.

**3** **Operation key** (☞ page 16)  
Selects an item or a function by being used 4 ways (up/down/left/right). Executes the selection by being pressed down.

**4** **WIRELESS LAN indicator** (☞ page 30)  
Lights up green when Wireless LAN feature is turned on.

**5** **Touch button area** (☞ page 17)  
Executes the item by tapping.

**6** **DC IN 5.2V**  **jack** (☞ page 9)  
Connects to the supplied AC adapter.

**7**  **(USB) connector**  
(☞ page 10, 112, 122, 131, 146)  
Connects your unit to a computer.

**8** **Shutter button** (☞ page 139)  
Clicks the shutter of the camera.

**9** **Display (Touch panel)** (☞ page 16)  
Operate by touching or tapping with a finger or the stylus.

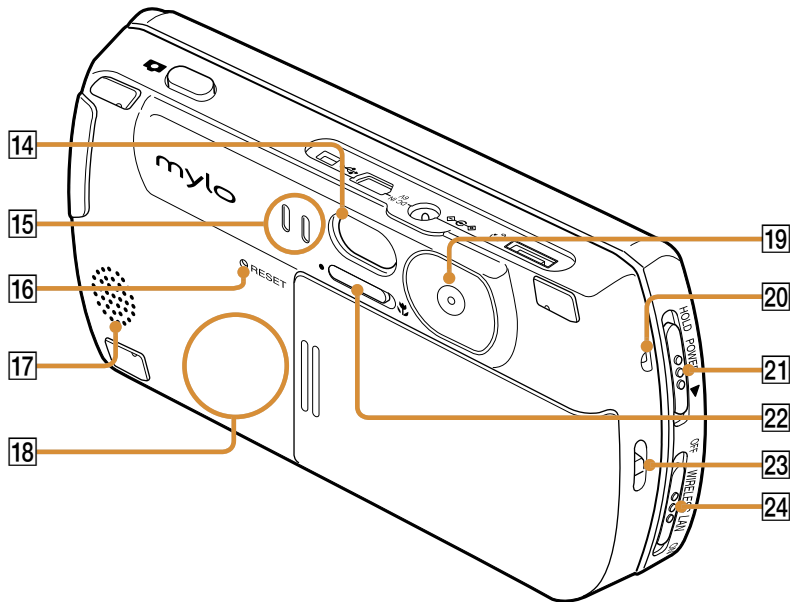
**10** **“Memory Stick Duo” slot** (☞ page 25)  
Open the cover to insert or remove a “Memory Stick Duo.” The “Memory Stick Duo” access indicator near the slot blinks when reading/writing data.

**11** **Status indicator**  
Blinks blue when connected to a wireless network or when a new instant message is received; blinks orange for a mylo Widget notification.

**12** **VOL (Volume) +/- buttons**  
Adjusts the volume.

**13** **Speaker** (☞ page 75)  
Outputs the other user’s voice during an Internet call.

## Back



### 14 Mirror

For self-portrait photos.

### 15 Charging Cradle connector

For charging the battery using the cradle (sold separately).

When connecting the AC adapter, do not short-circuit the Charging Cradle connector.

### 16 RESET button

Press with the stylus to reboot the unit. When the RESET button is pressed, some data stored may be damaged or erased.

### 17 Loudspeaker

Outputs the audio from non-voice features, such as music and video playback and the ringtone for Internet calls.

### 18 Built-in antenna

To connect to a wireless network.

### 19 Lens

Camera lens.


### 20 Microphone (☞ page 75)

Picks up your voice during an Internet call.

### 21 POWER/HOLD switch (☞ page 11)

Turns your unit on and off. When set to "HOLD," locks the controls on the unit.

### 22 Macro switch

Sets for close up pictures when position is set to .

### 23 Strap hole

To attach the strap (supplied) for carrying.

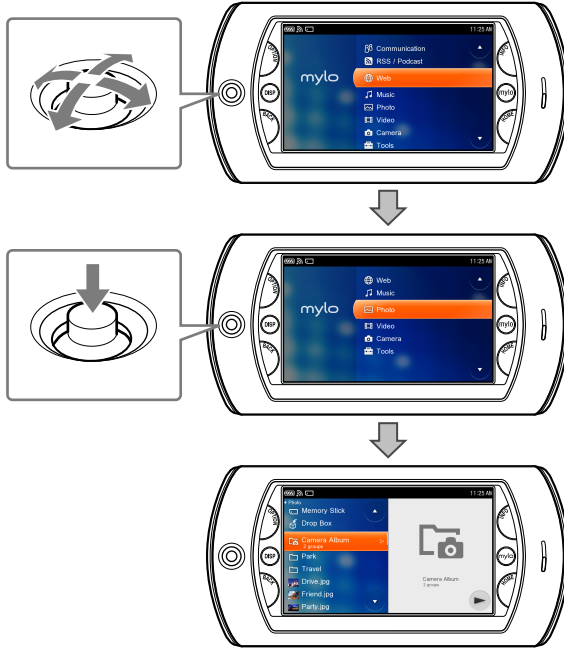
### 24 WIRELESS LAN switch (☞ page 30)

Turns the Wireless LAN feature on and off.

## Selecting/Executing Operations

### Using the Operation key

Use the button 4 ways (up/down/left/right) to navigate and select an item or a function, and press down to execute the selection.



### Using the Touch panel

Touch (tap) the desired item on the touch panel display with the stylus, thumb, or fingers to simultaneously select and execute an operation.



## Using the Touch Buttons



### 1 OPTION button

Tapping the OPTION button displays a list of possible functions for a screen (OPTION menu).

The items vary by screen on which the OPTION button is tapped.

You can close the OPTION menu by tapping the button while the OPTION menu is displayed.

### 2 DISP button

Tapping the DISP (Display) button displays the tool bar for Web and Photo or changes the view for Photo list, Video and Camera.

The items vary by screen on which the DISP button is tapped.

### 3 BACK button

Tapping the BACK button exits the current screen or returns to the previous screen.

### 4 INFO button

Tapping the INFO (Information) button displays the INFO panel, from which you can manage network settings, check for incoming messages, or check the currently playing music title and jump to the application by tapping.

You can close the INFO panel by tapping the button while the INFO panel is displayed.

### 5 mylo button

Tapping the mylo button displays the mylo Screen. On the mylo Screen, you can use the mylo Widgets (see page 32). Tapping the mylo button again returns to the screen before going to the mylo Screen.

### 6 HOME button

Tapping the HOME button displays the HOME menu. Selecting an application on the HOME menu launches the application.

### Note

- Some buttons may not work, depending on the screen in use.

## The Status Bar

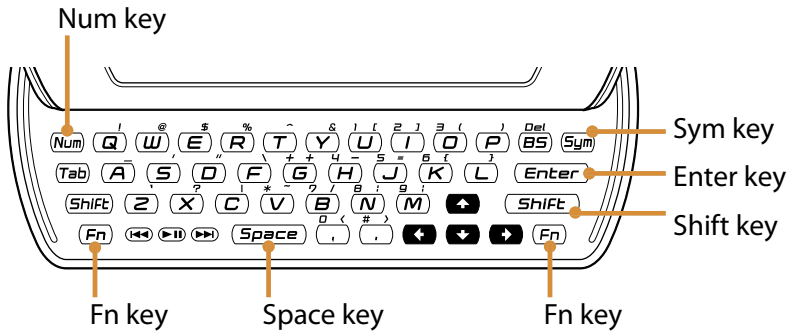
The bar at the top of the display shows a variety of icons that provide constant information about how your unit is operating.



Status bar icon	Meanings
	Remaining battery power (approximate) ( <a href="#">☞ page 12</a> )
	Wireless LAN signal status or strength ( <a href="#">☞ page 30</a> )
	“Memory Stick Duo” status ( <a href="#">☞ page 25</a> )
	Modifier keys status for the keyboard ( <a href="#">☞ page 20</a> )
	HOLD status ( <a href="#">☞ page 15</a> )
	Volume bar
	AVLS ( <a href="#">☞ page 153</a> )
	AIM status or events ( <a href="#">☞ page 59</a> )
	Skype status or events ( <a href="#">☞ page 70</a> )
	Yahoo! Messenger status or events ( <a href="#">☞ page 90</a> )
	Google Talk status or events ( <a href="#">☞ page 105</a> )
	RSS/Podcast status ( <a href="#">☞ page 51</a> )
	Web status ( <a href="#">☞ page 43</a> )
	Music status ( <a href="#">☞ page 116</a> )
	Clock ( <a href="#">☞ page 152</a> )


## Using the keyboard

Slide the front panel of the unit upward to use the keyboard.



### To use the Text Input Assist

When the Text Input Assist is set to “ON,” words based on the input letters are listed at the bottom of the screen.


See  page 154 for details.

#### Note

- The Tab key works only to insert tabs for editing when using the Text Editor.







## To enter capital letters, numbers, and symbols

Press the modifier key (Shift, Num, or Sym) first, and then press another key.

For the key arrangement, refer to the chart on  pages 22 to 23.

After pressing the modifier keys, the following icons appear on the status bar of the display.

To lock a modifier key, press it twice. To unlock it, press it again.

Modifier key	Icon after pressing it once	Icon after pressing it twice
Shift		 (Caps Lock)
Num		
Sym		



## To use shortcuts

For shortcuts of common editing tasks, press the Fn key, and then press one of the keys listed in the following table.

Key	Press Fn to select
A	Select all
X	Cut
C	Copy
V	Paste

After pressing the Fn key,  appears on the status bar of the display.

To lock the Fn key, press it twice.

 changes to .

To unlock it, press it again.

### Hint

- In Web, Video, and Text Editor, there are independent key allocations for shortcuts. See the “Help” for each application from the OPTION menu.

### Note

- Some buttons may not work, depending on the screen in use.



## To play back music using the keyboard

The following keys control playback operations of the Music application.

To	Operation
Pause and restart music	Press ►  .
Find the beginning of the current music track	Press ◀◀◀.
Find the beginning of previous music tracks	Press ◀◀◀ repeatedly to the desired track.
Find the beginning of the next music track	Press ►►►.
Find the beginning of succeeding music tracks	Press ►►► repeatedly to the desired track.
Rewind	Press and hold ◀◀◀.
Fast forward	Press and hold ►►►.

### Notes

- The keys also control playback operations of the Video application.
- Key functions of ►||, ◀◀◀, and ►►► are available only with the Music and Video applications in use (🔗 page 118, 135).

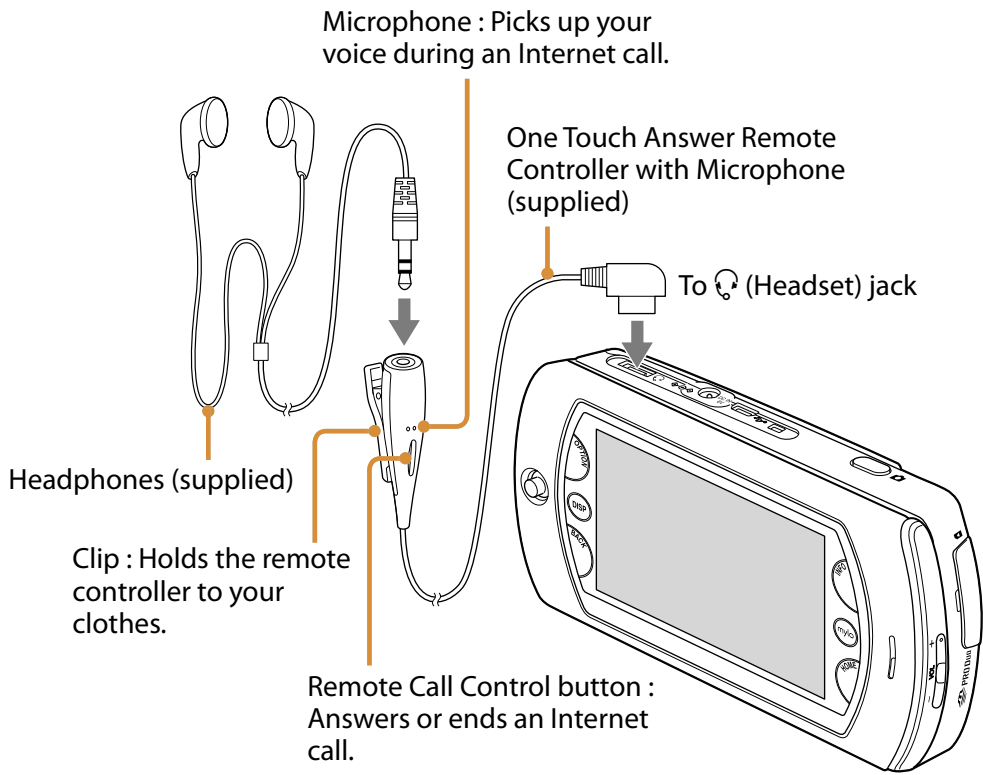
## Key arrangement

Displayed on the key	Select (without modifiers)	Press Shift to select	Press Num to select	Press Sym to select
Q	q	Q	q	!
W	w	W	w	@
E	e	E	e	\$
R	r	R	r	%
T	t	T	t	^
Y	y	Y	y	&
U	u	U	1	[
I	i	I	2	]
O	o	O	3	(
P	p	P	p	)
A	a	A	a	_
S	s	S	s	'
D	d	D	d	”
F	f	F	f	\
G	g	G	+	+
H	h	H	4	-
J	j	J	5	=
K	k	K	6	{
L	l	L	l	}
Z	z	Z	z	`
X	x	X	x	?
C	c	C	c	
V	v	V	*	~
B	b	B	7	/
N	n	N	8	:
M	m	M	9	;
,	,	,	0	<
.	.	.	#	>

Displayed on the key	Select (without modifiers)	Press Shift to select	Press Num to select	Press Sym to select
↑	↑	Text selection	↑	↑
↓	↓	Text selection	↓	↓
←	←	Text selection	←	←
→	→	Text selection	→	→

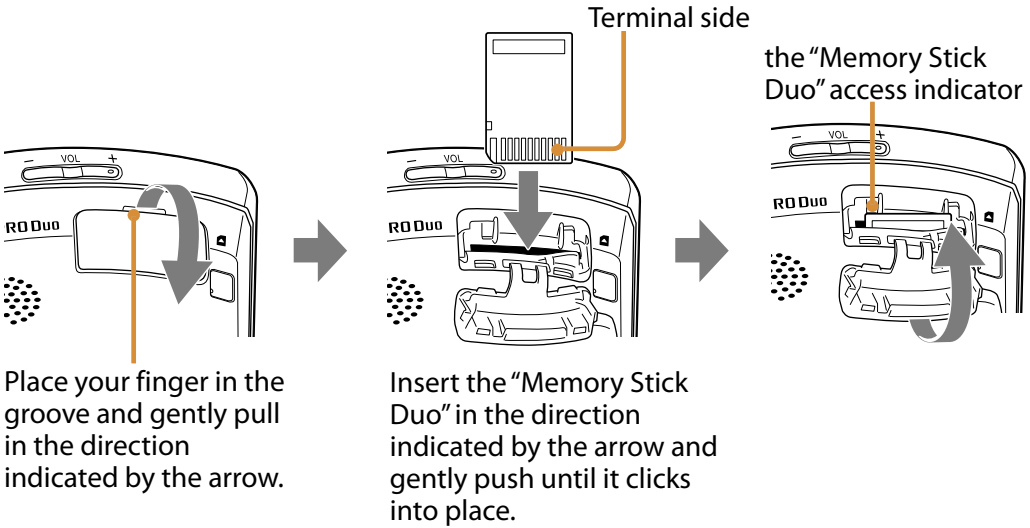
## Using the supplied headset

Attach the supplied headset to the unit as illustrated below.



## Inserting and Removing a “Memory Stick Duo”

Insert a “Memory Stick Duo” as illustrated below. When the unit accesses the “Memory Stick Duo,” the “Memory Stick Duo” access indicator blinks.



To remove the “Memory Stick Duo,” push and release the “Memory Stick Duo” to make it pop out, then remove it. Be sure to close the cover.

### Note

- To avoid data corruption, do not remove a “Memory Stick Duo” while the “Memory Stick Duo” access indicator blinks.

## About the sample data stored in the unit

Sample data are stored in the internal memory of your unit for you to experiment with using. When you want to make more space for your own data, you can delete the sample data as below.

### To delete sample data

Sample data	Menus to delete
Music	The OPTION menu in the File Manager (\MUSIC\SAMPLE\)
Photo	OPTION menu in the Photo
Video	OPTION menu in the Video
Text	OPTION menu in the Text Editor
Demo Mode Video	The OPTION menu in the File Manager (\DEMOCONTENTS\VIDEO\)

#### Hint

- These sample data are also provided on your supplied CD-ROM.

## Initial Set-up

When you turn on the unit for the first time, the initial set-up wizard appears. Follow the instructions on the display to set the following items:

- Touch Panel calibration
- Time Zone
- Date & Time

### Notes

- If the time setting is not accurate, some Web pages may not be displayed properly, or Auto Login to the wireless network may fail.
- When you do not turn on this unit for an extended period of time after the battery has been discharged, the Date & Time setting will be cleared.

### Hint

- You can edit these settings by selecting “Tools” followed by “Settings” ( page 152).

# Wireless Network Connection

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## Before Connecting to Wireless Networks

### Wireless networks which may be used with this unit

- Your Home wireless network
- Your office or school wireless network
- Public access wireless networks, such as at coffee shops, hotels, or libraries.

Standard	IEEE 802.11b IEEE 802.11g
Security	WEP (128bit/64bit, Open System/Shared Key) WPA-PSK (TKIP/AES)
Communication range	Approx. 160 ft (50 m) (The communication range may vary, depending on conditions of use and settings.)

#### Notes

- For setting items (☞ page 149), ask the administrator or provider of the network.
- This unit does not support security systems customized in some access points.
- Set the WIRELESS LAN switch to “OFF” where the network connection is restricted or prohibited.
- When a connection to a wireless hotspot by the Auto Login function (☞ page 160, 161) is performed the unit accesses a test Web site at:  
<http://www.sony.net/Products/mylo/check/index.html>  
The Web address contains a simple static HTML page used for the connection test purposes only. There is no personal or network information sent from the unit. The Web server provided by Sony will not collect any information about the unit or the user.

## Registering Wireless Networks

Set the WIRELESS LAN switch to ON, select “Connection Manager” from the INFO panel displayed by tapping INFO button.

Select the wireless network you want to register (🔍 page 149).

If you need to enter additional information, such as encryption key, the following dialog appears automatically.

### Hints

- You can edit a network's settings by selecting “Edit” from the OPTION menu.
- When you select a wireless network, the unit applies the WEP/WPA setting of the wireless network automatically. However when the wireless network is WEP (Shared Key), the unit cannot discriminate the security type. Change the setting manually in this case.

### If you do not know about the setting details

Ask the administrator or provider of the network.

### Notes

- When the WIRELESS LAN switch (🔍 page 15) is set to “OFF,” you cannot connect to a wireless network.
- When the wireless network setting is completed, the unit tries to connect to a wireless network whenever available.

### Hints

- If the wireless network you want to use is not listed on the Connection Manager, select “New” and input necessary information.
- You can find nearby wireless hotspots from the device's Hotspot Database. See “Hotspot Database” (🔍 page 151) for the details.
- You can also register wireless networks by going to the Home menu, select “Tools,” “Network Settings,” and then “Connection Manager.” You can go to the “Connection Manager” also from the INFO panel.
- This unit provides Auto Login functions for partner network providers. See “Auto Login” (🔍 page 160, 161) for the details.

# mylo Widget

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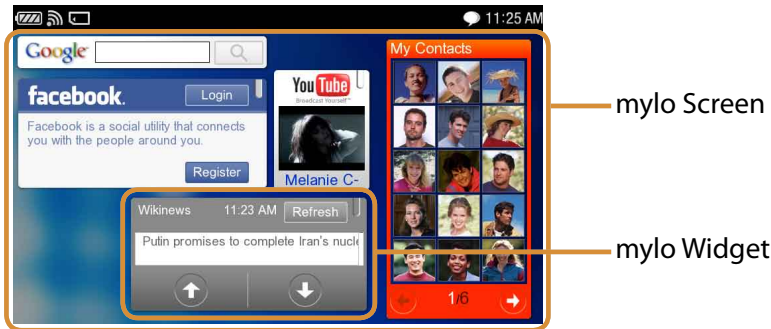
## Displaying the mylo Screen

Tap the mylo button.

### About the mylo Screen and the mylo Widget

The mylo Screen is composed of widget technology, similar to that used on your PC. Initial widgets include a search window, an RSS feature and other features. Widgets are designed to retrieve various information while connected to a wireless network.

Some of the Widgets jump to the Web browser to show the contents itself. The layout of Widgets on the mylo Screen can be changed at any time (☞ page 33).



You can download new mylo Widgets via the Internet and add them to the mylo Screen (☞ page 36).

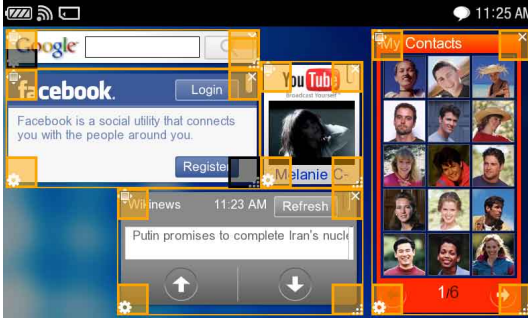
### To prepare for the wireless network connection

To use mylo Widgets online, connect the unit to a wireless network. For details, see “Wireless Network Connection” (☞ page 29).

## Setting Up the mylo Screen


### Adding/placing a mylo Widget on the mylo Screen

You can add and place installed mylo Widgets in the unit onto the mylo Screen. When you select “Widget Setting Mode” from the OPTION menu, the mylo Screen changes to mylo Widget setting mode.



From the OPTION menu, select “Add Widget.”


Select a new mylo Widget and then select “Select.”

Place the mylo Widget by dragging  at the top left corner or any part (except other buttons) of the mylo Widget to a free space of the screen.


You cannot place mylo Widgets at overlapping positions.

When you select “Exit Setting Mode” from the OPTION menu, the mylo Screen is updated and the mylo Widget is ready to use.


#### Notes

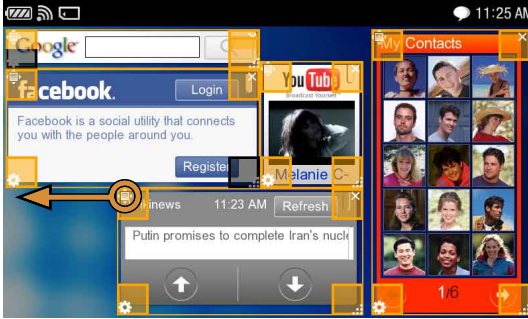
- You need to install new mylo Widgets on the unit before you add them to the mylo Screen ( page 36).
- You can add and place up to 10 mylo Widgets on the mylo Screen.

#### Hint

- When you want to display the same mylo Widgets multiple times, make extra copies of the Widget on the Widget Installer screen and then add the copied Widgets ( page 37).

## Moving a mylo Widget

Select “Widget Setting Mode” from the OPTION menu, and drag  at the top left corner or any part (except other buttons) of the mylo Widget to a free space of the screen.




After moving the Widget, select “Exit Setting Mode” from the OPTION menu to update the mylo Screen.

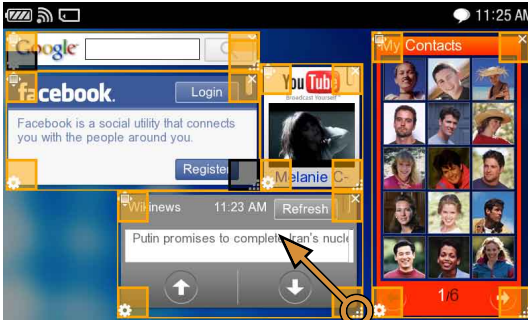
### Note

- The mylo Widgets cannot be saved at overlapping positions.

## Changing the size of a mylo Widget

When you select “Widget Setting Mode” from the OPTION menu, the mylo Screen changes to mylo Widget setting mode.

Drag  at the bottom right corner of the mylo Widget to change the size.




After re-sizing, select “Exit Setting Mode” from the OPTION menu to update the mylo Screen.

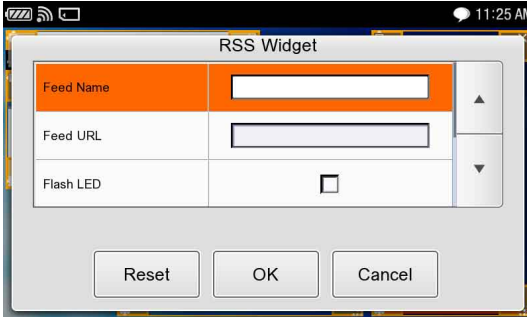
### Note

- Some mylo Widgets cannot be re-sized.

## Changing the settings of a mylo Widget


Select “Widget Setting Mode” from the OPTION menu and tap  at the bottom left corner of the mylo Widget to change the settings.

Example : Setting screen of RSS Widget




After changing any settings, select “OK” to update the mylo Widget.

## Deleting a mylo Widget from the mylo Screen

Select “Widget Setting Mode” from the OPTION menu, then tap  at the top right corner of the mylo Widget to delete.

Select “Exit Setting Mode” from the OPTION menu to update the mylo Screen.

### Hint

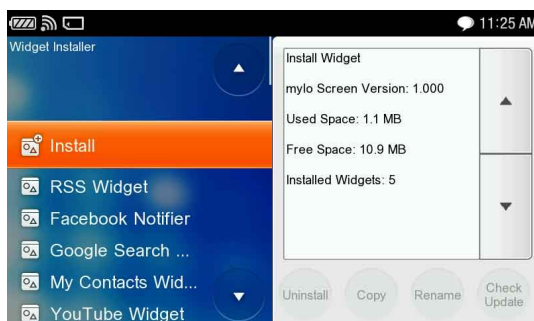
- Even if you delete a mylo Widget from the mylo Screen, the mylo Widget will not be uninstalled from the unit. To uninstall mylo Widgets from the unit, see  page 37.

### Note

- Even if you delete a mylo Widget by selecting “Delete” in setting mode, the setting values or layout position is not deleted.

## Installing/Uninstalling mylo Widgets

On the mylo Screen, select “Widget Installer” from the OPTION menu. The mylo Widget Installer screen appears.



### Installing mylo Widget to this unit

Download a mylo Widget installation file from the Internet to your unit. Select “Install” and then select the desired mylo Widget installation file. Follow the directions on the screen to add a mylo Widget on the mylo Screen (☞ page 33).

#### Hints

- When you want to free up space on your unit, you can erase mylo Widget installation files using the File Manager.
- You can install up to 20 mylo Widgets on a unit.
- When you are installing the same mylo Widget multiple times, it is more convenient to change one of the mylo Widget’s name (☞ page 37).
- When you want to display the same mylo Widgets multiple times, make extra copies of the Widget on the Widget Installer screen and then add the copied Widgets (☞ page 37).

#### Note

- After installation of new mylo Widgets, select “Add Widget” of “Widget Setting Mode” from the OPTION menu to make them active (☞ page 33).

### Updating a mylo Widget

Connect to a wireless network, and highlight a mylo Widget. Then tap “Check Update” at the bottom right of the screen. The unit checks whether there is update information for the mylo Widget. When update information is displayed, follow the directions on the screen to start the update.



### Hints

- Some of the mylo Widget icons may change if a new mylo Widget version is available.
- If a new version of mylo Widget is available after an update confirmation, the update information displays “Update” instead of “Check Update.”
- To check for updates of all the installed mylo Widgets, select “Check All Update” from the OPTION menu.
- When you select “Update” from the OPTION menu, you can select updated files for installed mylo Widgets from which is released on the Internet or which is in the unit.

### Note

- The “Check Update” function may not be supported by every Widget. It depends on the author of each Widget.


## Uninstalling mylo Widgets

Highlight a mylo Widget, then select “Uninstall.”  
Follow the directions on the screen to uninstall.

### Hint

- The installation files of the mylo Widgets that are pre-installed at the factory shipment are on the supplied CD-ROM.

### Notes

- When you uninstall a mylo Widget, any temporary files made by the mylo Widget will be erased.
- The uninstall operation will not delete any installation files for a Widget. Use the File Manager to delete these files ( page 143).

## Other operations for mylo Widgets

Highlight a mylo Widget, then select the desired option.  
Select from the OPTION menu if necessary.

Item	Meaning
Copy	Copies a mylo Widget.
Rename	Renames a mylo Widget.
Go to Author’s Page <sup>1)</sup>	Displays the Web site of the creator of a mylo Widget. <sup>2)</sup>
Clear Cache <sup>1)</sup>	Deletes the temporary cache data made by the mylo Widget. <sup>3)</sup>

<sup>1)</sup> Available only by selecting from the OPTION menu.

<sup>2)</sup> This item works only for mylo Widgets for which the author’s link information is registered.

<sup>3)</sup> This operation deletes not only the temporary cache of the selected mylo Widget, but also all downloaded content of all mylo Widgets.

## mylo Widget Features

### My Contacts Widget

The My Contacts Widget has 90 boxes to which you can assign instant messenger IDs, such as from AIM, for easy contact and checking their presence at a glance.

If a friend has IDs on multiple communication services, you can gather them into a single box.

You can select an ID from the box to contact.

Below is an example of a screen after IDs are registered.



#### To register an ID to a box

You have to sign in the Communication application(s) before you add an ID. In the “Widget Setting Mode,” tap the setting icon on the bottom left of the Widget to start the registration.

Select a box to assign an ID, and then select “Add ID.”

Select the desired Communication application, such as AIM, and the ID you want to register, and then select “Add.”

#### Hints

- If you select a box with 1 or more already registered IDs, you can change the information in the box.
- You can register up to 5 IDs in a box.

#### To register all IDs of a Communication application to boxes

You have to sign in to the desired Communication application before you add IDs.

In the Widget setting mode, tap the setting icon on the left bottom of the Widget to start the registration.

Tap “Add ALL” to add all IDs of a Communication application to the boxes. IDs will be added from the highlighted box.

Select the Communication application, such as AIM and the ID you want to register, and then select “Add.”

## To edit the registered items of a box

In the Widget setting mode, tap the setting icon on the bottom left of the Widget.

Select the box you want to change and then select “Edit.”

Item	Settings
Name	Changes the name shown for the box.
IDs	<ul style="list-style-type: none"> <li>• Remove : Deletes an ID in the box.</li> <li>• Add ID : Adds an ID to the box.</li> </ul>
Change	Changes the picture for the box.



### Hints

- To copy the entire contents of a box, select the box, and then select “Copy.” Select another box, and then select “Paste.”
- To delete the entire contents of a box, select the box, and then select “Cut.”

## To use My Contacts Widget

When you select a box, all of the IDs registered in the box are displayed (when the ID is online).

Selecting an online ID launches the associated Communication application to display the selected ID.

### Note

- After the selected ID is displayed in the corresponding Communication application, tapping the BACK button will not return you to the mylo Screen. To display the mylo Screen again, tap the mylo button.

## Other mylo Widgets

### RSS Widget

This Widget displays RSS feeds that you registered using Widget Setting Mode. Feeds that are supported by the RSS/Podcast application can be registered.

### Google Search Widget

This is a search bar for Google™.

Search results are displayed in the layout of the mobile Web site on the Web.

### YouTube Widget

This widget displays YouTube™ RSS such as “Recently Featured.”

Settings such as subscription renewal frequency or changing intervals of thumbnails can be changed in the Widget Setting Mode.

### Facebook Notifier

This Notifier displays Facebook™ updates such as new wall message.

Setting of update intervals can be changed in the Widget Setting Mode.

Tap “Login” to start the Web browser for log in to Facebook.

After returning to the mylo Screen by tapping the mylo button, the display of this Widget changes to check what’s new.

### Notes

- The type, number or function of pre-installed mylo Widgets are subject to change without notice.
- When you tap the logos on Widgets, you may jump to the services on the Web browser.

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## Before Enjoying the Web

### Web features on this unit

- Download/Upload files
- Download mylo Widgets (🔗 page 36)
- View Adobe® Flash® contents

#### Notes

- It may be prohibited to transfer content without the copyright holders' permission under applicable copyright law.
- If the Date & Time setting is not accurate, some Web pages cannot be displayed.
- When you downloaded a Music file, it may not be included in the contents list displayed by the Music application for the folder where the file is downloaded, even when the file format is compatible with this unit. Exit the Music application and restart it in such cases (🔗 page 21).
- Auto Power Off function does not work during downloading even when the function is activated.
- This unit does not support music download services on the Internet. Transfer music tracks from your PC.
- Some Web sites or Flash contents may not be displayed properly.
- Flash videos may not be played as smoothly as on a PC, when system processing level is very high.
- Web pages may not be displayed properly, due to the settings on the unit, circumstances of use, or the network condition.

#### Hints

- By default, downloaded files are saved in the “DROPBOX.”
- You can open downloaded files in the Drop Box under each application menu (e.g. Music menu or Photo menu).

### Preparing a wireless network connection

To use the Web, connect your unit to a wireless network. For details, see “Wireless Network Connection” (🔗 page 29).

#### Notes

- If you are connecting to a public wireless hotspot, you may need to log in to an Internet Service Provider (🔗 page 30).
- If the time setting is not accurate, Web pages may not be displayed properly, or Auto Login to the wireless network may fail.

## Viewing Web sites

On the Home menu, select “Web.”

The  on the status bar blinks while loading Web pages.

### Hints

- You can allow, block, or delete cookies by selecting “Settings” from the OPTION menu.
- To hear the sounds from a Flash content, tap the content.

## Adding the currently displayed Web page to Bookmarks


Display the Web site for which you want to add a Bookmark.

From the OPTION menu, select “Add to Bookmarks” and then select the folder for the bookmark and select “Add Here.”

## Saving a Web page

Display the Web site you want to save.

Select “Save” from the OPTION menu, and then select the desired mode.

Menu	Meaning
Save Page	Save the page as HTML/HMT format or a graphic.
Save Image	Enter image select mode on the Web page to select and accept image to be saved.   <b>Hint</b> <ul style="list-style-type: none"> <li>• You can save an image on a Web page directly by setting the highlight on the image.</li> </ul>
Save Link	Save the page associated with the highlighted hyperlink.
Add to RSS/Podcast	Register the link of highlighted icon to RSS/Podcast Feed.

After selecting the mode, select the folder by using the BACK button, etc., to be used for the save.

### **Note**

- The page saved using “Save Link” is linked, but its Web image is not displayed on “Saved Page” in the Web application.

## Change the Home Page






























From the OPTION menu, select “Settings.”

Enter in the “Home Page” field the Address to be used as your Home Page.

### Hint

- You can also set a new Home Page while displaying the page. Select “Settings” and then “Use Current Page” from the OPTION menu.

## Basic Operations of the Web browser

To	Touch Panel operation	Keyboard operation
View the previous page	Tap  .	Press Fn + “N.”
View the next page	Tap  .	Press Fn + “M.”
Stop loading a page	Tap  .	Press Fn + “. (dot)”
Reload a page	Tap  .	Press Fn + “R.”
Display Bookmarks	Select Bookmarks from the OPTION menu	—
Return to the Web menu	Tap  .	—
Go to top of page	—	Press Fn + “O.”
Go to bottom of page	—	Press Fn + “K.”
Scroll	Tap  /  /  /  /  /  . *	Press Fn +  /  /  /  .
Scroll a page up	—	Press Fn + “P.” Press Shift + Space.
Scroll a page down	—	Press Fn + “L.” Press Space.
Scroll a few lines up	—	Press Fn + “I.”
Scroll a few lines down	—	Press Fn + “J.”
Scroll a line up	—	Press Fn + “U.”
Scroll a line down	—	Press Fn + “H.”
Zoom out	Tap  .	Press Sym +  .
Zoom in	Tap  .	Press Sym +  .
Jump to link (when the scroll mode is “By Link” or “By Touch”)	Tap the link.	Move highlight by pressing  /  /  /  and then press Enter.
Change Minimum Text Size	—	Press Sym +  /  .
Cut text (when using text box)	—	Press the Shift and  /  /  /  to select the text you want to cut, and press Fn + “X.”



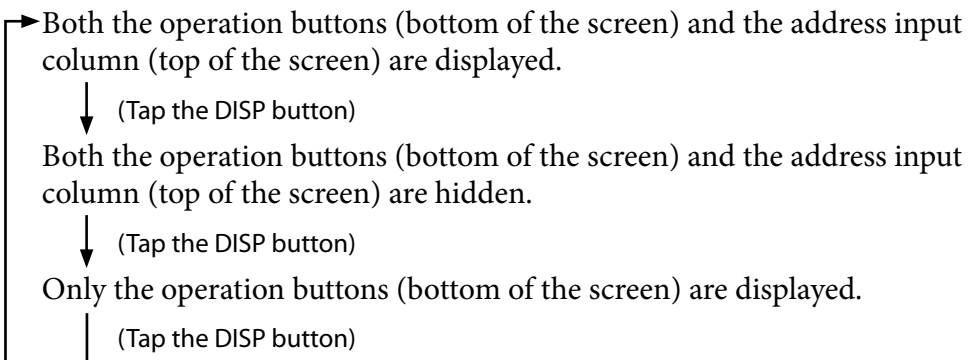
To	Touch Panel operation	Keyboard operation
Copy text (when using text box)	—	Press the Shift and $\uparrow/\downarrow/\leftarrow/\rightarrow$ to select the text you want to copy, and press Fn + “C.”
Paste text (when using text box)	—	Move the cursor to the point you want to paste the text, and press Fn + “V.”
Enter a line feed (when using text box)	—	Press Fn + “Enter.”

\* The size of a scroll movement is based on a setting value. See “Changing the display settings” (page 46) on how to set.

## Changing the screen layout

Tap the DISP button.

When you tap the DISP button several times, the display of the screen changes as follows:



## Changing the scroll mode

To change the scroll mode, select “Scroll Mode” from the OPTION menu, and then select the desired mode.

Menu	Touch Panel operation	Key operation
By Link	<ul style="list-style-type: none"> <li>• Tap the link to jump to that link.</li> <li>• Tapping the display while pressing the “Fn” key makes the cursor move.</li> </ul>	The screen is scrolled between the links by using up/down/left/right navigation.
By Increment	<ul style="list-style-type: none"> <li>• To copy text on Web page, drag over the text to decide the area, and press Fn and “C” key.</li> </ul>	The screen is scrolled by using up or down navigation.
By Touch	The screen is scrolled by dragging the page in the desired direction.	The screen is scrolled between the links by using up/down/left/right navigation.

### Hint

- If a scroll mode menu does not successfully work in a Web site, try another mode menu.

## Changing the display settings

### To change the minimum text size

Select “Settings” from the OPTION menu to change the minimum text size.

### To change the scroll increment

Select “Settings” from the OPTION menu to change the scroll increment.

### To fit screen width

Select “View Mode,” and then “Fit to Screen” from the OPTION menu.

Web page width is fixed as not to scroll horizontally.

# RSS/Podcast

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## Before Enjoying RSS/Podcast

### Features of RSS/Podcast using this unit

- Get articles and Podcasts from subscribed feeds
- Play back downloaded Podcast contents
- Supports both Audio and Video Podcast Contents

### Preparing a wireless network connection

To use RSS/Podcast online, connect your unit to a wireless network. For details, see “Wireless Network Connection” (🔗 page 29).

#### Note

- If you are connecting to a public wireless hotspot, you may need to log in to an Internet Service Provider (🔗 page 30).

### Registering a feed

#### To register RSS information from the Web browser

Display a Web page (🔗 page 43) that includes RSS information you want to register, and select the link or the banner icon such as **RSS**, etc.

#### Note

- This unit does not support RSS feeds that require a username and a password input at registration, or URLs starting with https://.

#### To enter the URL of a feed directly

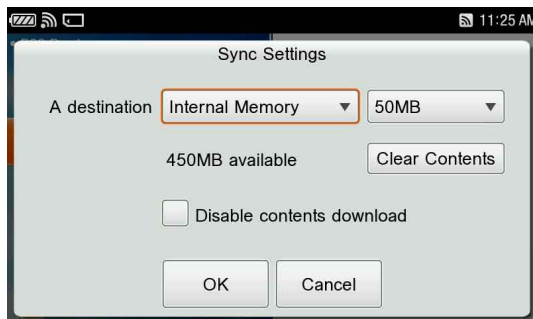
From the OPTION menu, select “New Feed.”

## Checking RSS Feed Sync Settings

Registered RSS feeds can be synchronized or refreshed.

### To confirm RSS feed Sync Settings

Select the feed or the folder, and then select “Sync Settings” from the OPTION menu.



item	contents or operation
A destination	<ul style="list-style-type: none"> <li>• Select the download file destination : &lt;Memory Stick/Internal Memory&gt;</li> <li>• Select the maximum cache amount.</li> </ul>
Clear Contents	Deletes all the downloaded Web pages and Podcast (audio, video and image).
<p><b>Notes</b></p> <ul style="list-style-type: none"> <li>• This operation deletes not only the contents in the selected feed or folder, but also all downloaded Web pages and Podcast (audio, video and image).</li> <li>• Articles are not deleted by this operation.</li> </ul>	
Disable contents download	When checked, the unit does not download contents during a sync.

### To confirm RSS feed Sync updates

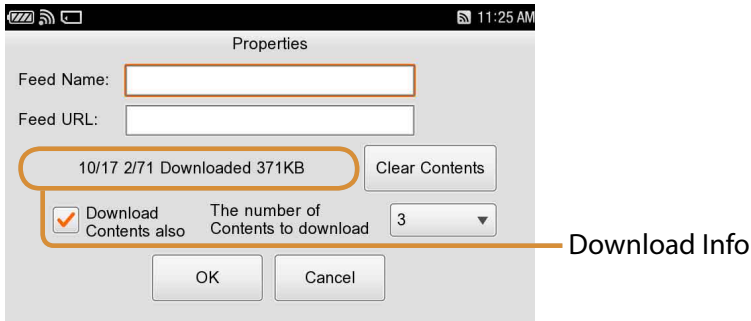
You can check the updates with the icon on the Status Bar. The icon blinks during the feed Sync.

Status bar icon	Meaning
	The unit has not synced the feeds yet, or there was no updated article at the latest sync.
	Updated article(s) are available. <sup>1) 2)</sup>
	The Feed sync failed. The unit did not download any updated article. <sup>1) 3)</sup>
	The unit downloaded some updated articles, even though the Feed sync failed. <sup>1) 2) 3)</sup>

- 1) This icon does not state whether the downloading for the feed contents is successful or not.
- 2) The mark at the upper right on the icon will disappear when all the articles are “read.”
- 3) The message “Not Supported” is displayed for a failed sync feed. Restart the RSS/Podcast application to erase the warning on the bottom right.

## To confirm the setting of each feed

Select the feed, and then select “Properties” from the OPTION menu.



item	content or operation
Feed Name	Input the name of the feed.
Feed URL	Input the URL of the feed.
Download Info	Download information about this feed, including date last updated, number of contents and size.
Clear Contents	Deletes the downloaded Web pages and Podcast in the selected feed.
<b>Note</b>	
	<ul style="list-style-type: none"> <li>• Articles are not deleted by this operation.</li> </ul>
Download Contents also	<ul style="list-style-type: none"> <li>• When checked, the unit downloads the Web pages/Podcast contents during a feed sync.</li> <li>• The number of Contents to download : Set the number of Web pages/Podcast contents to be downloaded. &lt;1/3/5/10/20/Maximum&gt;</li> </ul>

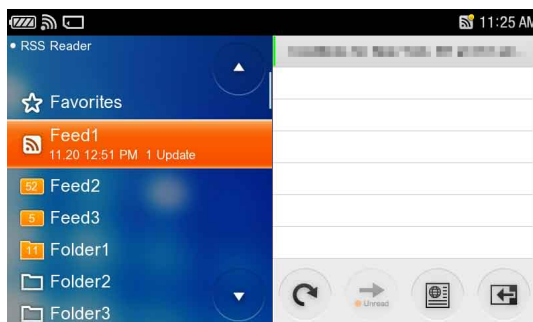
### Hint





- When “Download Contents also” is checked, the unit downloads the Web pages/Podcast contents after feed sync completed. With this setting, you do not need to connect the unit to a wireless network to browse downloaded contents.

### **Notes**

- When “Disable contents download” on “Sync Settings” screen is checked, “Download Contents also” and “The number of Contents to download” cannot be set.
- If the number of contents downloaded is over the setting limit, downloaded contents will be deleted from the oldest at the time of the next feed sync. To avoid this, add the current articles to “Favorites,” or increase the limit.

## Reading Feeds/Podcasts



Button	Meaning
	Sync the highlighted feed/Podcast item of the highlighted feed/Podcast item (e.g., feed or folder).
	Moves to the next unread article in the same feed.
	Displays on a Web page the whole contents of the highlighted article.
	Changes to full screen mode.

### Hint

- Delete unnecessary data if the “download” function does not work ( page 53).

### Note

- Some pages that are not supported by the Web browser cannot be displayed properly even if they were downloaded.

### To save feed articles or contents

During a sync, an article or contents from a previous sync may be deleted and replaced by a new article or contents.

To save an article or contents, select “Add to favorites” from the OPTION menu.

The item saved by this operation is kept as it is, regardless of a feed sync.

### Notes

- If a Podcast that has never been downloaded is added to favorites, the article and contents are not downloaded or played back. Download the Podcast at least once.
- You need to sync a new feed after registration to see the Feed Name.

### To synchronize all feeds

When  is tapped while a feed or folder is highlighted, the feed is checked for updates.

When you select “Sync All Feeds” from the OPTION menu, all registered feeds are checked for updates.

## To change the Read/Unread status of a feed

When you display a feed/Podcast (other than Podcast Audio), its status changes to “Read.”

A Podcast Audio needs to be played back to change the status.

To change the status without displaying it, select “Mark as Read” from the OPTION menu, after highlighting the article.

To change the highlighted feeds or folders to “Read,” select “Focused Feed” or “Focused Folder.”

To change all registered feeds to “Read,” select “All.”

To change the status of an article that has been read to “unread,” select “Mark as Unread.”

## Managing feeds

You can create and organize folders by name, such as “newspaper” or “Diary.” Highlight a feed or folder, then select the items described in the chart below from the OPTION menu.

Item	Meaning
Change Folder name *	Changes the folder name.
New Folder	Creates a new folder.
Delete	Deletes the feed or the folder.
Cut	Cuts a feed or folder.
Paste	Pastes the cut feed or folder.

\* Displayed only when a folder is highlighted.

### Hint

- Folders can be up to 4 levels deep.

## To move a feed or folder

Highlight a feed or folder you want to move and select “Cut” from the OPTION menu.

Select the place to paste to, and select “Paste” from the OPTION menu.

## To delete contents of all feeds

Select “Clear Contents” on the “Sync Settings” from the OPTION menu. All the contents downloaded will be deleted.

### Hint

- Feeds and articles are not deleted by this operation.



### To delete contents of a specific feed

Highlight a feed to delete the content, select “Clear Contents” from “Properties” of the feed, or remove the checkmark in “Download Contents also” of “Properties” from the OPTION menu.

All the contents downloaded in the feed will be deleted.

#### Hint

- The feed and its articles are not deleted by this operation.

### To reduce the number of Contents to download

Highlight a feed to reduce the content and select “The number of Contents to download” of “Properties” from the OPTION menu to reduce the number.

All contents over the number set in this setting will be deleted.

#### Hint

- The feed and its articles are not deleted.

### To delete a feed or folder

Select “Delete” from the OPTION menu.

#### Note

- All contents of the highlighted item including feeds and articles will be deleted.

## Importing/Exporting feeds

### To import a feed from another RSS reader

You can import the files exported from another RSS reader.

Copy the feed file you want to import to this unit or to a “Memory Stick Duo.”

When the highlight is on a feed or folder, select “Import” from the OPTION menu, and select the file to be imported.

The feed is imported into the “Imported” folder.

### To export feeds to another RSS reader

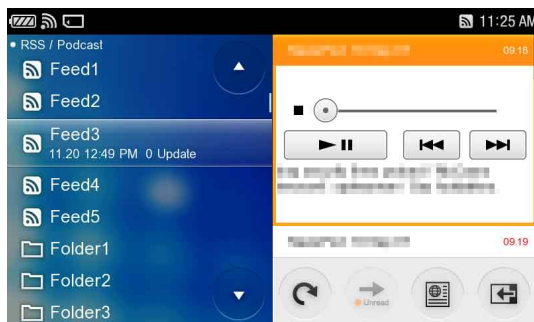
When the highlight is on a feed or folder, select “Export” from the OPTION menu.

#### Notes

- Importing to/exporting from the “Favorites” folder is not available.
- Importing a feed using other than OPML format files is not available.
- Exporting “Podcast Audio” is not available.

## Playing a Podcast

You can play downloaded Podcast contents.




You can confirm downloaded Podcast Audio contents and play the file by selecting “Podcast Audio.”

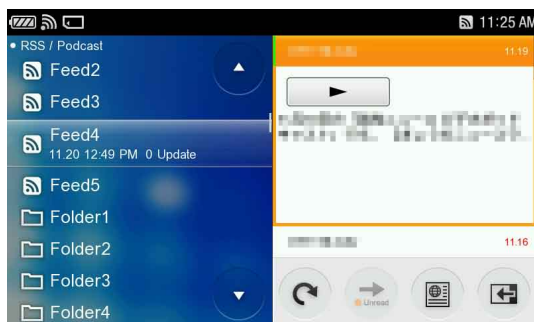
Continuous play of downloaded Podcast Audio contents is also available using “Podcast Audio.”

The files listed on “Podcast Audio” can be played using Music application, by selecting “Add to Music Player” from the OPTION menu.

### Notes

- When you close or change the window while the file is being downloaded, downloading will be canceled.
- Downloaded contents in formats supported by the Music and Video applications can be played on this unit (☞ page 264).
- Restart Music application after completing “Add to Music Player.”

Select downloaded Podcast Video contents and tap . Video Player starts and the contents will be played back.



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## Before Enjoying AIM

### AIM Features using this unit

- Instant message with other AIM users
- Go to AOL Mail

#### Note

- If you use a Screen Name with 301 or more Buddies on its Buddy List, all your Buddies are not displayed in your Buddies List.

### Preparing a wireless network connection

To use AIM, connect the unit to a wireless network.  
For details, see “Wireless Network Connection” (📖 page 29).

#### Note

- If you are connecting to a public wireless hotspot, you may need to log in to an Internet Service Provider (📖 page 30).

### Registering for a Screen Name

If you already have a Screen Name account, go to the next section, “Starting AIM” (📖 page 57).

If you have not yet signed up for AIM, select “New User” on the Sign In screen and register for a new Screen Name.



The screenshot shows the AIM mobile interface. At the top, there's a status bar with signal strength, Wi-Fi, and battery icons, and the time 11:25 AM. Below that is the AIM logo. The main content area has a 'Screen Name:' label next to a dropdown menu, a 'Password:' label next to a text input field, and two checkboxes: 'Auto Sign In' and 'Remember Password'. At the bottom, there are three buttons: 'New User' (highlighted with a red box), 'Sign In', and 'Cancel'.

## Starting AIM

### Signing in to AIM

On the Sign In screen, enter your Screen Name and Password and select “Sign In.”



### To sign in to AIM automatically

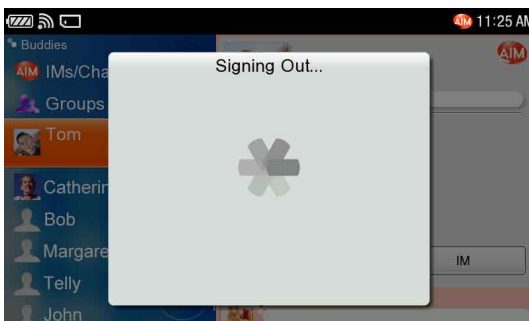
To have the unit automatically sign you in to AIM when it connects to a wireless network or is started from the Communication menu, select both the “Auto Sign In” and “Remember Password” check boxes on the Sign In screen.

#### Hints

- The unit remembers up to 3 Screen Names successfully signed in at least once. Select the Screen Name from the pull down menu.
- If you reset settings by selecting “Home,” “Tools,” “Settings” and then “System,” all remembered Screen Names will be cleared. For details on Reset Settings, see [page 156](#).
- You can set Proxy information by selecting “Connection Setting” from the OPTION menu, if the setting is required.

### Signing out of AIM

To sign out, select “Sign Out” from the OPTION menu.



#### **Note**

- If you disconnect the unit from the wireless network, you are automatically signed out of AIM.

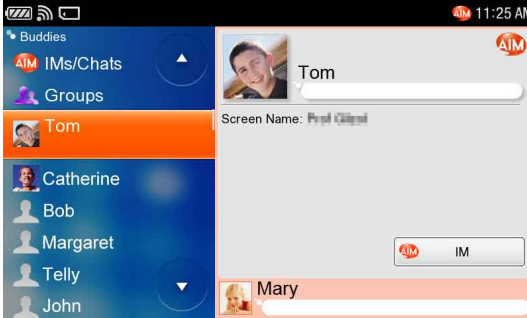
### Exiting AIM



To end, select “Exit” from the OPTION menu.

## Screens and Icons of AIM

### The Buddies screen and icons

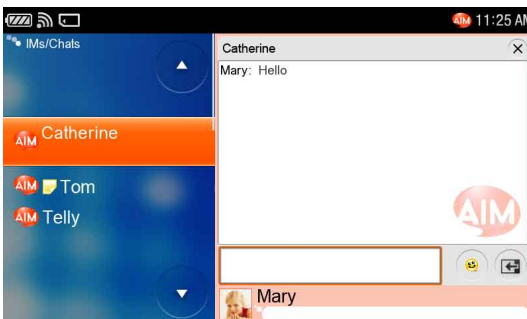
After signing in to AIM, the Buddies screen appears. Your Buddies (☞ page 61) are displayed. You can see the details for an item by highlighting it.



Icon or Screen Name Status	Meaning
[No icon] (Available)	The Buddy is online.
[Screen Name Grayed] (Offline)	The Buddy is offline.
 (Idle)	The Buddy is signed in, but has not used the AIM Service for an extended period of time.
 (Away)	The Buddy is signed in, but has chosen to appear away.


### The IMs/Chats screen and icons

On the Buddies screen, selecting “IMs/Chats” makes the IMs/Chats screen appear. The IMs/Chats screen displays ongoing Instant Messages, Chats, and buddy invites. The IMs/Chats screen can show up to 99 items in the list, so when the limit is reached, the oldest item is deleted to make room for a new item. The details of the highlighted item are displayed.




## The status bar and icons

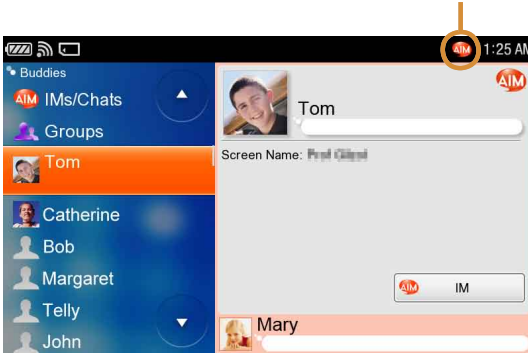
When you successfully sign in to AIM,  (online) appears on the status bar of the display.





When an event occurs,  (New IM/Chat or New invitation) appears in the Status Bar as shown in the chart.

To display unread IMs/Chats and events when outside of the AIM application, open the INFO panel.

After you successfully sign out of AIM,  (offline) appears.

Status bar icon



Status bar icon	Meaning
	Online
	Offline
	New IM/Chat or New invitation
	New mail

### To use AOL Mail

On the Buddies screen, select "AOL Mail" to go to the Web browser. The Sign In screen of AOL Mail appears.

Enter your Screen Name and Password to sign in.

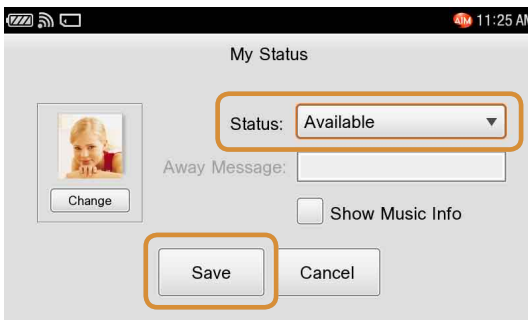
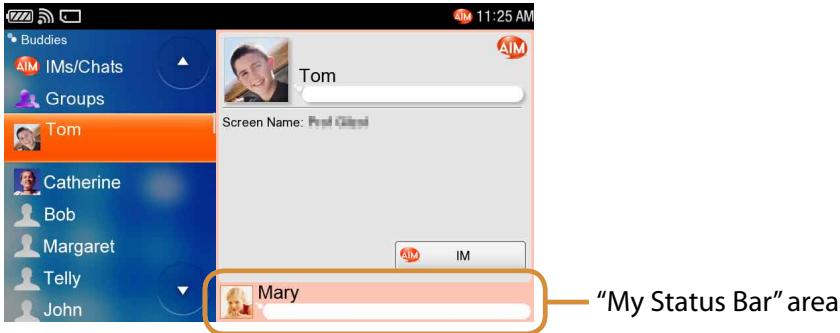
## Setting Your Status

### Setting your status or picture

You can change your online status or set your profile.

Tap the “My Status Bar” area or select “My Status” from the OPTION menu and edit as necessary.

After editing, select “Save.”



Item	Meaning						
Change	You can add or change your picture* for others to see.						
Status	Selecting your status.						
	<table border="1"> <thead> <tr> <th>Status</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>Available</td> <td>You appear online to your buddies.</td> </tr> <tr> <td>Away</td> <td>You appear away to your buddies.</td> </tr> </tbody> </table>	Status	Meaning	Available	You appear online to your buddies.	Away	You appear away to your buddies.
Status	Meaning						
Available	You appear online to your buddies.						
Away	You appear away to your buddies.						
Away Message	Enter your information or brief message to your buddies. This is seen by other users.						
Show Music Info	When checked, the information for the track you are listening to is displayed to your buddies as My Buddy Info.						

\* You can select any listed picture as your picture, after selecting “Add to My Picture List” from the OPTION menu in Photo application.



## Adding a Buddy to Your AIM Buddy List

To enjoy AIM messaging, your friends with AIM Screen Names must be added to your Buddies.

### Sending an invitation

On the Buddies screen, select “Add Buddy” from the OPTION menu to enter a Screen Name.

Input the Screen Name and Nickname you want to add, select a Group, and then select “OK.”



#### Hint

- Entering a Nickname is optional. If it is blank, the Screen Name entered is used as the Nickname also.

### Managing a Buddy on your Buddy List

On the Buddies screen, highlight a Buddy, then select the desired function from the OPTION menu.

#### Note

- To edit Groups (add, delete or rename), use AIM on your computer.

#### To Unblock a blocked buddy

Delete the buddy’s Screen Name by selecting “Block List” from “Tools,” followed by “Settings” (🔧 page 64).

#### To rename a Buddy

Highlight the Buddy’s Screen Name, and select “Rename” from the OPTION menu.

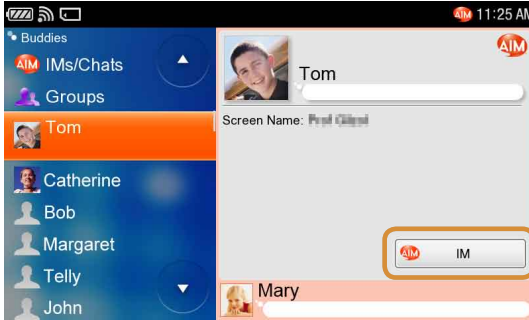
#### To delete a Buddy

Highlight the Buddy’s Screen Name, and select “Delete” from the OPTION menu.


## Messaging

### Starting a new IM/Chat with a Buddy


On the Buddies screen, select the Buddy you want to communicate with, and then select “IM.”



#### Hints

- To insert emoticons into messages, tap the  on the screen, then select the emoticon you want to insert from the emoticon dialog.
- To insert a line feed, press the “Fn” key and then the “Enter” key.

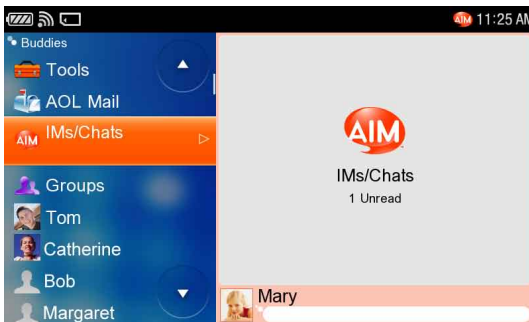
### Answering a new IM/Chat

When a Buddy sends a new message,  blinks on the status bar of the display ([page 59](#)).

On the IMs/Chats screen, open the new message from your Buddy.

### Open an ongoing IM/Chat

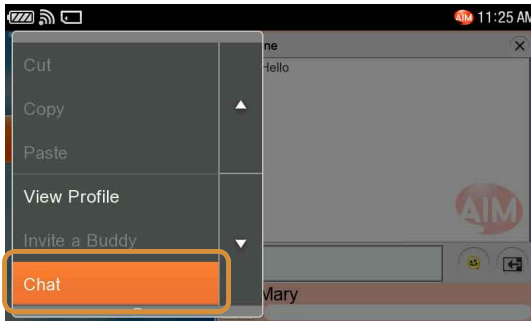
On the Buddies screen, select “IMs/Chats,” and then select the desired IM/Chat you want to reopen.



## Starting a new IM/Chat with 2 or more Buddies

You can communicate with 2 or more Buddies.

On the Buddies screen or the IMs/Chats screen, select “Chat” from the OPTION menu, and then enter the name of the chat room and select the Buddy you want to add to the Chat.



On the IMs/Chats screen, select “Invite a Buddy” from the OPTION menu, and then select 1 or more Buddies you want to add to the IM/Chat.

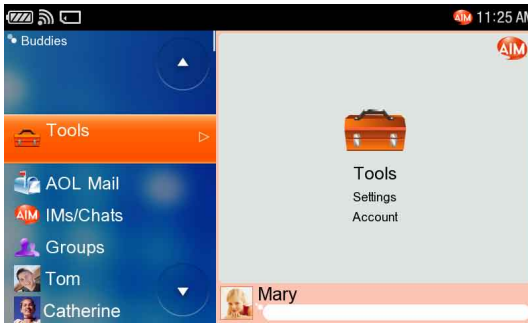
## Ending a IM/Chat

Tap  on the IMs/Chats screen.

The IM/Chat disappears from the list.

## Adjusting AIM Settings

On the Buddies screen, select “Tools,” and then select the desired settings.



Item	Setting or operation
Settings-IM/Chat	<ul style="list-style-type: none"> <li>• Log IMs : You can select whether to save IM logs or not.</li> <li>• Emoticons : You can select whether to use emoticons or not.</li> <li>• Show Timestamp : When checked, a timestamp is shown for each message entry in IMs/Chats.</li> </ul>
Settings-Block List	<ul style="list-style-type: none"> <li>• Edit : Opens a new screen where the following can be entered. <ul style="list-style-type: none"> <li>• Block List : You can remove a buddy from the Block list by selecting the buddy's check box. Buddies on the Block list cannot communicate with you.</li> </ul> </li> </ul>
Settings-Connection	<ul style="list-style-type: none"> <li>• Edit : Opens a new screen where the following can be entered. <ul style="list-style-type: none"> <li>• Proxy : Select the settings. &lt;Auto/Do Not Use/HTTP/HTTPS/SOCKS4/SOCKS5&gt;</li> <li>• Host : Enter the host address.</li> <li>• Port : Sets the port number for the proxy to be used.</li> <li>• Proxy Authentication : When checked, enter a Username and Password to be used with the proxy.</li> </ul> </li> </ul>
Settings-Other	<ul style="list-style-type: none"> <li>• Alert Sound : When checked, an alert sounds when a new event occurs.</li> <li>• Show Music Info : When checked, the information for the track you are listening to is displayed in your “My Buddy Info.”</li> </ul>
Account	<ul style="list-style-type: none"> <li>• Edit My Buddy Info : Displays a screen to input the information you want to be seen by your buddies.</li> <li>• Go to My AIM Page : The Web browser opens to display My AIM Page.</li> <li>• Go to Buddy Icon : The Web browser opens to display the Buddy Icon (AIM Expressions) Page.</li> </ul>

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## Before Enjoying Skype

### Skype features using this unit

- Talk with other Skype users
- Text chat with other Skype users
- Call regular telephone numbers (SkypeOut)
- Receive calls from regular phones (SkypeIn)
- Exchange files with other Skype users
- Send/receive voicemail to/from other Skype users

#### Notes

- If you use a Skype Name with 301 or more Contacts on its Contact List, all your Contacts are not displayed in your Contacts List.
- To use SkypeOut, SkypeIn, and voicemail features, purchase Skype Credit and subscribe to Skype service options. For further information about purchasing Skype Credit, visit the following Web site.  
<http://www.skype.com/>
- It may be prohibited to transfer content without the copyright holders' permission under applicable copyright law.
- The unit does not support "Skype Video."
- In some cases, the online status of the Contacts may not be reflected properly. Wait a few minutes or sign in again.

### Preparing a wireless network connection

To use Skype, connect the unit to a wireless network.

For details, see "Wireless Network Connection" (☞ page 29).

#### Note

- If you are connecting to a public wireless hotspot, you may need to log in to an Internet Service Provider (☞ page 30).

### Registering for Skype

If you already have a Skype Name, go to the next section, "Starting Skype" (☞ page 67).

If you do not have one or want to create a new Skype Name, select "New User" on the Sign In screen and register for a Skype Name.



## Starting Skype

### Signing in to Skype

On the Sign In screen, enter your Skype Name and Password and select “Sign In.”



### To sign in to Skype automatically

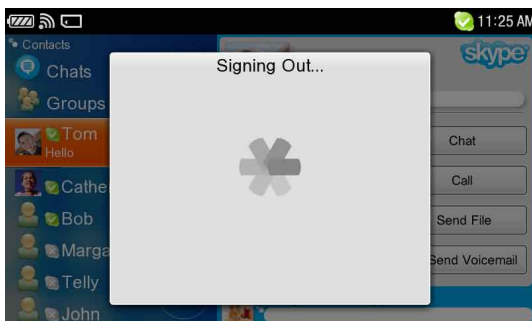
To have the unit automatically sign you in to Skype when it connects to a wireless network or is started from the Communication menu, select both the “Sign me in when Skype starts” and “Remember password” check boxes on the Sign In screen.

#### Hints

- The unit remembers up to 3 Skype Names you have successfully signed in with at least once. Select the Skype Name using the pull down menu.
- If you reset settings by selecting “Home,” “Tools,” “Settings” and then “System,” all of the remembered Skype Names will be cleared (🔗 page 156).
- You can set Proxy information by selecting “Connection Setting” from the OPTION menu, if the setting is required.

### Signing out of Skype

To sign out, select “Sign Out” from the OPTION menu.



#### Note

- Even if you disconnect the unit from the wireless network, you are not signed out of Skype.

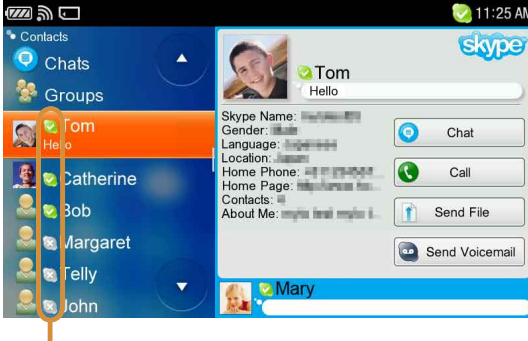
### Exiting Skype

To end, select “Exit” from the OPTION menu.











## Screens and Icons in Skype

### The Contacts screen and icons

After signing in to Skype, the Contacts screen appears. Your Contacts (☞ page 73) are displayed. You can see the details for a Contact by highlighting it.



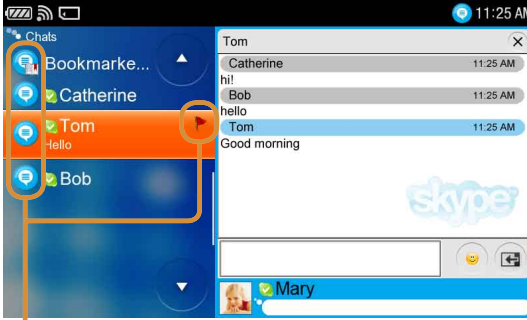
Status icon

Status icon	Meaning
 (Online)	The default status when the Contact has signed in to Skype.
 (Offline)	The Contact is not currently signed in to Skype, or has chosen to appear invisible or offline.
 (Away)	The Contact is signed in to Skype, but has not used it for a while.
 (Not Available)	The Contact is signed in to Skype, but has not used it for an extended period of time.
 (Do not disturb)	The Contact is signed in to Skype, but cannot respond because the Contact is busy.
 (Skype Me)	The Contact is letting everyone know that he or she is available and interested to Skype with them. (This includes people whom he or she does not know or have not accepted.)
 (Call forwarding)	The Contact is forwarding incoming Skype calls to another Skype Name, mobile or landline number.
 (Not Accepted Yet)	The Contact has not accepted you yet (☞ page 73).
 (SkypeOut)	This Contact is available only through SkypeOut (this requires the Skype service to make calls to regular telephones).
 (Voicemail Offline)	The Contact subscribes to the voicemail service (☞ page 82), and is not currently signed in to Skype or has chosen to appear invisible or offline.






## The Chat List screen and icons

On the Contacts screen, selecting “Chats” displays the Chat List screen. The Chats List screen displays all of the ongoing chats you have. The Chats screen can show up to 99 items in the list, so when the limit is reached, the oldest item is deleted to make room for a new item. The details of the highlighted item are displayed.

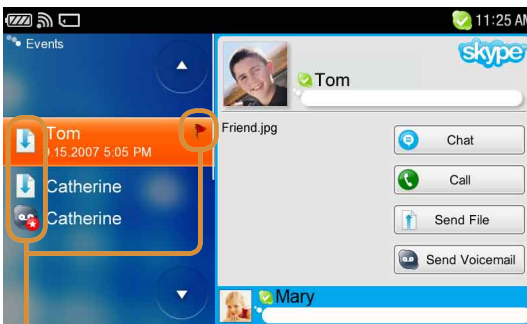


Chats icon










Chats icon	Meaning
	Ongoing chats
	Bookmarked chats
	New chats

## The Events screen and icons

On the Contacts screen, selecting “Events” makes the Events screen appear. The Events screen displays a history of incoming, outgoing and missed calls, received voicemails, requests to exchange contact details, transferred files, and so on.




Events icon


Events icon	Meaning
	Missed call
	Outgoing call
	Incoming call
	Sent file
	Received file
	Played voicemail
	New voicemail
	Request Authorization
	Receiving file request

## The status bar and icons

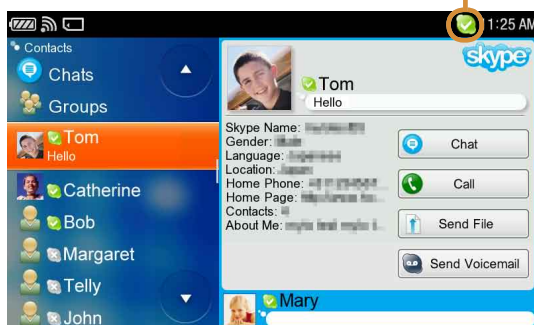
When you successfully sign in to Skype,  (online) appears on the status bar of the display.




When an event occurs,  (online) changes to one of the following icons in the chart below.

To display unread chats and when outside of the Skype application, open the INFO panel.

After you successfully sign out of Skype,  (offline) appears.

Status bar icon



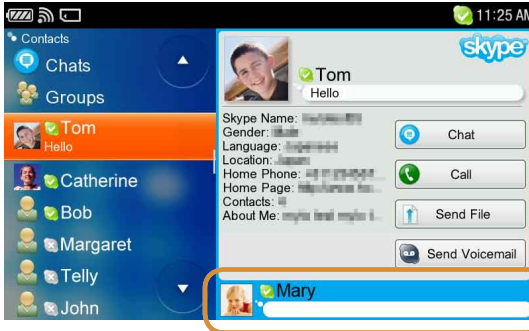
Status bar icon	Meaning
	Outgoing or Incoming call
	New incoming chat
	Missed call, received Request Authorization, Receiving file request, or New voicemail

## Setting Your Status

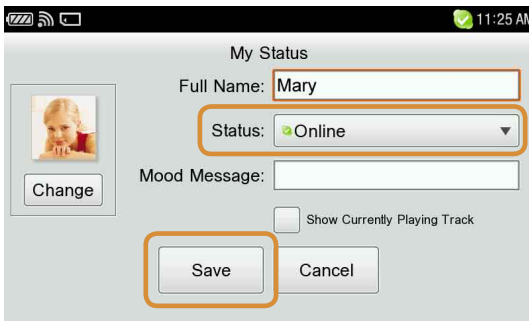
### Setting your status






















Tap the “My Status Bar” area or select “My Status” from the OPTION menu, and edit as necessary.

After editing, select “Save.”



“My Status Bar” area



Item	Meaning																
Change	You can add or change your picture* for others to see.																
Full Name	Enter a name that appears on your Contacts list.																
Status	Selecting your status.																
	<table border="1"> <thead> <tr> <th>Icon</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td> (Online)</td> <td>The default status when signing in to Skype.</td> </tr> <tr> <td> (Offline)</td> <td>You are offline.</td> </tr> <tr> <td> (Away)</td> <td>You are signed in to Skype, but have not used it for a while.</td> </tr> <tr> <td> (Not Available)</td> <td>You are signed in to Skype, but have not used it for an extended period of time.</td> </tr> <tr> <td> (Do not disturb)</td> <td>You are signed in to Skype, but cannot respond because you are busy.</td> </tr> <tr> <td> (Skype Me!™)</td> <td>Letting everyone know that you are available and interested to Skype with them (This includes people you do not know or have not accepted).</td> </tr> <tr> <td> (Invisible)</td> <td>Pretend as if you were offline to others (You can use Skype in the same way as the online status).</td> </tr> </tbody> </table>	Icon	Meaning	 (Online)	The default status when signing in to Skype.	 (Offline)	You are offline.	 (Away)	You are signed in to Skype, but have not used it for a while.	 (Not Available)	You are signed in to Skype, but have not used it for an extended period of time.	 (Do not disturb)	You are signed in to Skype, but cannot respond because you are busy.	 (Skype Me!™)	Letting everyone know that you are available and interested to Skype with them (This includes people you do not know or have not accepted).	 (Invisible)	Pretend as if you were offline to others (You can use Skype in the same way as the online status).
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Mood Message	Enter your profile or brief message to your friends. This is seen by other users.																
Show Currently Playing Track	When checked, the information for the track you are listening to is displayed to your Contacts as your Mood Message.																

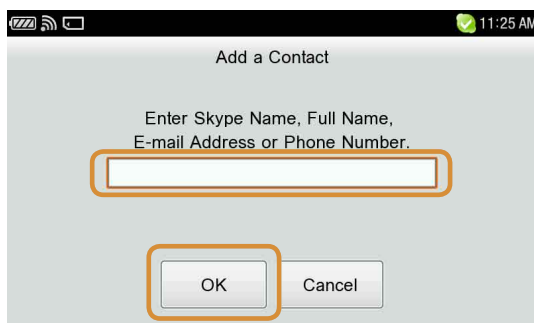
\* You can select any listed picture as your picture, after selecting “Add to My Picture List” from the OPTION menu in Photo application.

## Adding a User to Your Skype Contact List

To use Skype features, such as making a call or starting a chat, your friends must be added to your Contacts.

### Sending a request to exchange contact details

On the Contact screen, select “Add a Contact” from the OPTION menu to enter a Skype Name or phone number. Enter the user information you want to send the request to, and select “OK.”

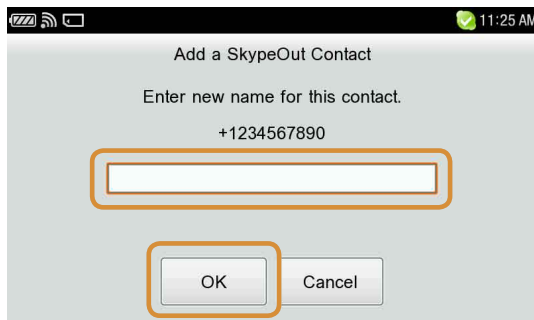


The unit begins searching the Skype system for the information that you entered and then displays the results of the search.


Select “Add” to send the request.

If the user agrees to your request, his or her personal details are shown in your Contacts list.



If you entered a regular phone number, the name input screen appears.



### To resend a request for authorization

A contact with  (Not Accepted Yet) has not yet agreed to your request. To send the registration request again, highlight the user on the Contacts screen and from the OPTION menu, select “Request Contact Details.”

## Responding to a request for authorization

When another user sends you a request to exchange contact details,  appears on the status bar of the display ( page 70).

From the Events screen, select the request to exchange contact details.

Response	Result
Accept	Add the user to your Contacts list.
Decline	Ignore the request once.
Block	Add the user to the Blocked Users list to block future communication from this user.

### To unblock a user

To allow contact from a user on the Blocked Users list, remove the user from the Blocked Users list ( page 83).

## Managing your Contacts

On the Contacts screen, highlight a contact, then select the desired function from the OPTION menu.

### Note

- To edit Groups (add, delete or rename), use the Skype application on your computer.

## Making and Receiving a Call

To talk on a Skype call, you can use either the speaker and microphone (☞ page 14, 15) on the front of the unit or the supplied headset connected to the unit (☞ page 24).

### Hints

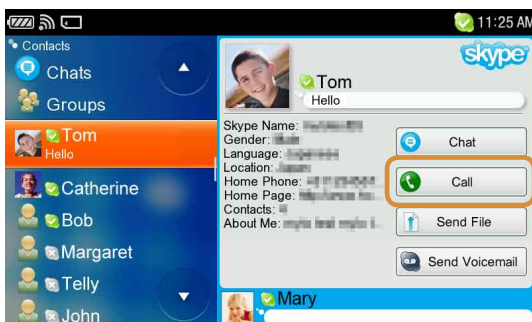
- To adjust the volume, press the VOL +/- buttons during a call.
- If you receive a phone call while an audio file, a video file, or a photo slide show is playing, playback pauses until the call ends. After the call ends, playback of the audio file or video file or photo slide show resumes from the point where playback stopped.

### Notes

- Speech quality can be impacted by adverse network conditions (e.g. speech quality can deteriorate on a busy network).
- A call may be disconnected due to “Call Dropped” error by adverse network conditions.

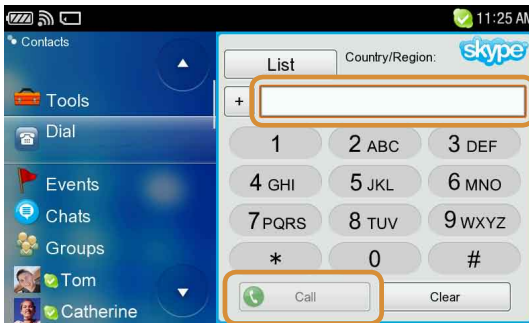
## Calling a Skype user

On the Contacts or Events screen, select the Contact you want to call, and then select “Call.”



## To call a user by entering the Contact's Skype Name

On the Contacts screen, selecting “Dial” makes the Dial screen appear. Use the keyboard or tap the buttons on the screen to enter the Skype Name you want to call, and then select “Call.”

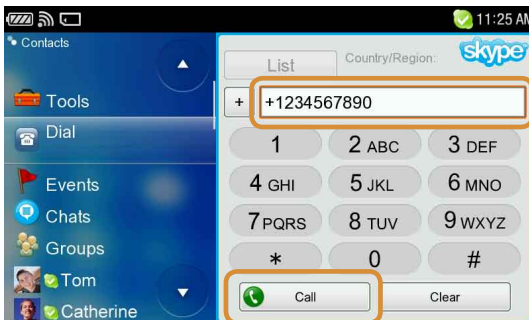


### Hint

- On the Chats or Bookmarked Chats screens, you can also call Skype users by selecting “Call” from the OPTION menu.

## Calling a regular phone number (SkypeOut)

On the Contacts screen, selecting “Dial” makes the Dial screen appear. Select the country/region, use the keyboard or tap the number, #, \*, + buttons to enter the phone number you want to call, and then tap “Call.” When you directly enter a country/region code, tap “+” first, followed by the country/region code number (such as +1,) enter the phone number you want to call, and then tap “Call.”



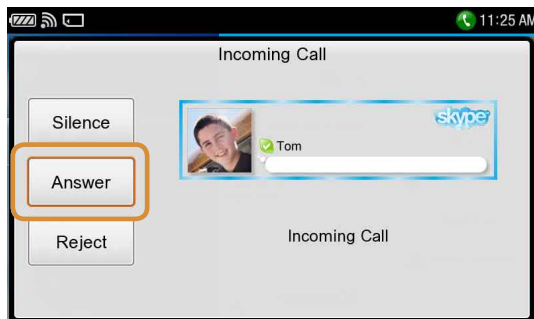
### Note

- To call a non-Skype number, you need to sign up for the SkypeOut feature and purchase Skype Credit and subscribe to an appropriate Skype service option. For information about SkypeOut and about purchasing Skype Credit, visit the following Web site.  
<http://www.skype.com/>



## Receiving a call

When an incoming call is received, the unit rings, the status indicator flashes, and the calling window appears.



Items	Result
Silence	The unit stops ringing, but the incoming call continues.
Answer	Receive the call.
Reject	The incoming call is disconnected.

### Notes

- To receive a call from a non-Skype number, you need to sign up for the SkypeIn feature and receive a SkypeIn phone number. For information about SkypeIn and SkypeIn phone numbers, visit the following Web site.  
<http://www.skype.com/>
- You cannot receive another call during a call.

### To put a call on hold

Select “Hold” on the Call screen.

The call is placed on hold, and the unit reminds you that a call is on hold.

To return to the call, select “Resume.”

### To turn off the microphone during a call

Select “Mic Off” on the Call screen.

The microphone is turned off.

You can hear the caller, but the caller cannot hear you.

### To answer a call while using the supplied headset

Press the Remote Call Control button.

### Hints

- The calling window appears whenever there is an incoming call, allowing you to answer even if you are using another application.
- You can adjust the volume of the ring alert and the default volume of the other party’s voice on the Tools screen of the Skype.

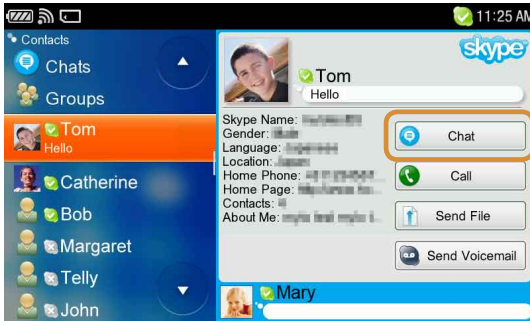
## Ending a call

On the Call screen, select “Hang up” or press the Remote Call Control button.


## Enjoying a Chat

### Starting a new chat

On the Contacts or Events screen, select the Contact you want to chat with, and then select “Chat.”



### Hints

- To insert emoticons into chat messages, tap the  on the screen, then select the emoticon you want to insert from the emoticon dialog.
- To insert a line feed, press the “Fn” key and then the “Enter” key.

### Answering a new chat

When a Contact sends a new message,  appears on the status bar of the display ( page 70).

On the Contacts screen, select “Chats,” and then select the new incoming chat.

### Selecting an ongoing chat

On the Contacts screen, select “Chats,” and then select the chat you want to reopen.

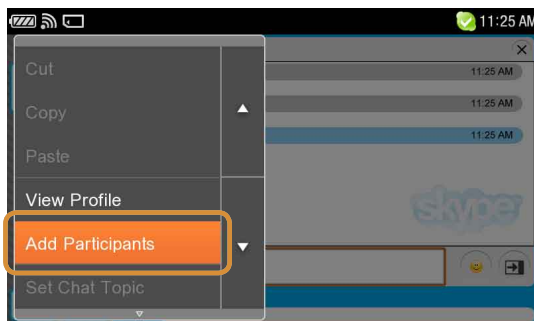
### Bookmarking a chat

On the Chats screen, select “Bookmark This Chat” from the OPTION menu. To open and start a bookmarked chat, select “Bookmarked Chats” on the Chats screen, and then select the desired chat.

## Chatting with multiple Contacts (Multi Chat)

You can add additional Contacts to an ongoing chat.

On the Chat screen, select “Add Participants” from the OPTION menu, and then select the Contact(s) you want to add.



### Hints

- It is convenient to bookmark Multi chats to restart.
- You can reenter a bookmarked chat by selecting the Bookmarked chats screen.
- To restart a closed multi chat, you have to receive a new message from a participant in the multi-chat or reopen the chat which was bookmarked in advance.
- Up to 50 users (including you) can participate in a single group chat.
- Pictures of the first 4 chat Participants appear on the display. When a Chat contains 4 Participants or more, you can use the buttons below the photos to view the next/previous 4 Participants in the chat.

### To leave a group chat

On the Chat screen, select “Leave Chat” from the OPTION menu.


#### Note

- When you leave a group chat, you do not receive messages until you are added to the chat again.

### Hints

- Others in the chat will see that you have left, and your Skype Name is removed from the chat.
- To reenter a group chat you left, you must be invited by the other chat participants.

## Ending a chat

On the Chat screen, tap the  on the Chat screen.

The chat disappears from the list.

## Transferring Files

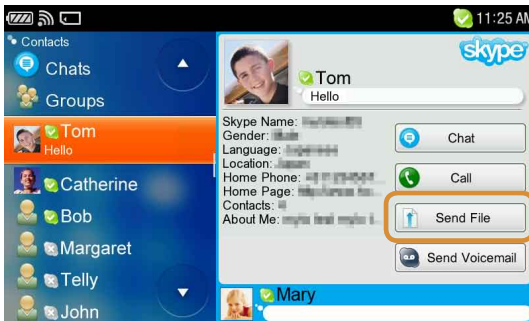
You can send or receive files to/from other Skype Contacts.

### Note

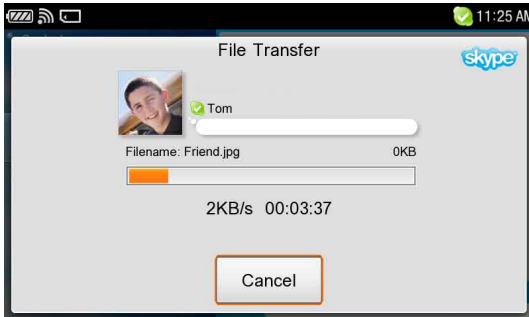
- It may be prohibited to transfer copyrighted contents without the copyright holders' permission under applicable copyright law.

## Sending a file

On the Contacts, Events, Chats or Chat screen, select the Contact you want to transfer a file to, and then select “Send File.”



Select a file to send. A request to receive the file is sent to your Contact, and transfer starts after the request is accepted.




### Note

- You can select a file only from the internal memory.

### To stop a file transfer

Select “Cancel” during the file transfer.

## Receiving a file

When your Contact attempts to send a file to you,  appears on the status bar of the display ([☞ page 70](#)).

When you select the request, a screen is displayed asking whether you want to receive the file or not.

Items	Result
Accept	File transfer starts. The transferred file is saved in the “Drop Box” ( <a href="#">☞ page 144</a> ). An application may start to handle the file, depending on the file format. If the file name is the same as one already saved on the unit, a confirmation screen appears. Change the file name using the on-screen instructions.
Deny	The file transfer is canceled and the sender is notified.


### Hint

- The received file can be opened from “Drop Box” under “Tools” on the Home menu.

### Note

- Files stored in the Drop Box, or Music folders that were transferred using the file transfer feature of Yahoo! Messenger or Skype, may not be included in the contents list displayed by the Music application for the folder where the file is downloaded, even if the application can read the file format. Exit the Music application and restart it in this case ([☞ page 115](#)).

## When a file transfer request is received while viewing another application

When your Contact attempts to send a file to you while you are using another application,  appears on the status bar of the display ([☞ page 70](#)).

From the INFO panel, select “Skype,” “Events,” and the file transfer request to accept or deny.

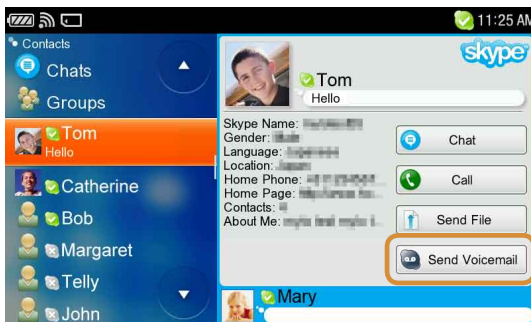
## Using Voicemail

### Notes

- To use the Voicemail service with your Skype Name, you or your Contact needs to subscribe to Skype's Voicemail service. For information about Skype's Voicemail, visit the following Web site.  
<http://www.skype.com/>
- A voicemail can only be sent to a Contact who has subscribed to Skype's Voicemail service.

### Sending a voicemail

On the Contacts, Events, Chats or Chat screen, select the Contact you want to send a voicemail to, and then select "Send Voicemail."

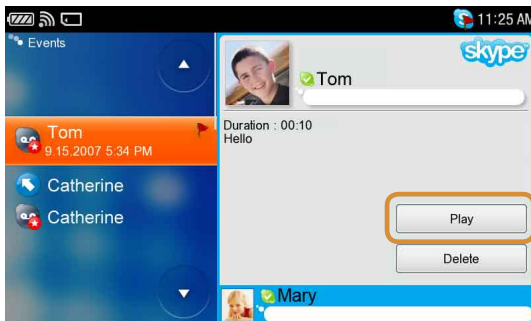


### Receiving a voicemail


When you receive a voicemail,  appears on the Status Bar.

On the Contacts screen, select "Events," and then select the voicemail you want to play.

Select "Play" and the voicemail starts.



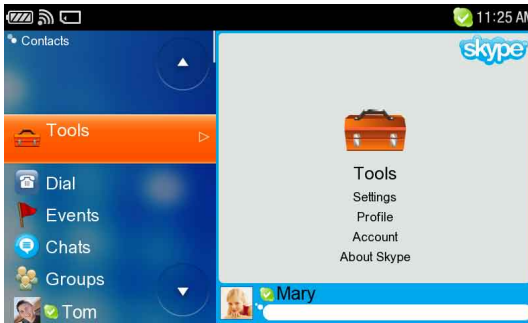
### When another application window is displayed

When a Contact sends a voicemail to you,  appears on the status bar of the display (☞ page 70).

From the INFO panel, select "Skype," "Events," and then the new voicemail.

## Adjusting Skype Settings

On the Contacts screen, select “Tools,” and then select desired settings.



Item	Setting or operation
Settings-Sounds	<ul style="list-style-type: none"> <li>• Ringtone : Selects the ring tone sound. &lt;OFF/Bubbly/Old Phone/Bounce/Boing/Sing-a-Long&gt;</li> <li>• Ringtone Volume : Adjusts the ringtone volume between 0 (silent) and 5 (loudest).</li> <li>• Call Volume : Adjusts the volume of caller's voice from 1 (lowest) to 5 (loudest).</li> <li>• Sound Alert : When checked, an alert sounds when a new event occurs.</li> </ul>
Settings-Chats	<ul style="list-style-type: none"> <li>• Clear Chat History : When selected, a screen to clear the chat history is displayed.</li> <li>• Show Emoticons : When checked, emoticons entered during chats appear on your screen as graphic images.</li> <li>• Show timestamp next to chat messages : When checked, a timestamp is shown for each message entry in Chats.</li> </ul>
Settings-Voicemail	<ul style="list-style-type: none"> <li>• Forward to Voicemail : This setting is available only when you have purchased Skype Credit for voicemail. When checked, the received call is forwarded to voicemail automatically 10 seconds after ringing starts.</li> </ul> <p><b>Note</b></p> <ul style="list-style-type: none"> <li>• This item is enabled only when signing in with a Skype Name whose Voicemail is validated.</li> </ul>
Settings-Privacy	<ul style="list-style-type: none"> <li>• Allow Calls : Selects users who are allowed to call you. &lt;Anyone/Contacts Only&gt;</li> <li>• Allow Chats : Selects users who are allowed to start a chat with you. &lt;Anyone/Contacts Only&gt;</li> <li>• Allow SkypeIn Calls : Selects users who are allowed to make SkypeIn calls. &lt;Anyone/Known Numbers/My Contacts&gt;</li> </ul> <p><b>Note</b></p> <ul style="list-style-type: none"> <li>• This item is displayed only when signing in with a Skype Name whose SkypeIn credit is validated.</li> <li>• Blocked Users : The Block List screen appears.</li> </ul>

Item	Setting or operation
Settings-Connection	<ul style="list-style-type: none"> <li>• Use port [ ] for incoming connections : Sets the port number Skype uses.</li> <li>• Use port 80 and 443 as alternatives for incoming : When checked, the unit uses port numbers 80 and 443 as alternatives.</li> <li>• Proxy Settings : The Connection screen appears. <ul style="list-style-type: none"> <li>• Proxy : Select the proxy settings. &lt;Auto/Do Not Use/HTTPS/SOCKS5&gt;</li> <li>• Host : Enter the host address.</li> <li>• Port : Sets the port number of the proxy Skype uses.</li> <li>• Proxy Authentication : When checked, enter a Username and Password to be used by the Proxy Authentication.</li> </ul> </li> </ul>
Profile-General	<ul style="list-style-type: none"> <li>• Change my picture : You can change your picture.</li> <li>• Show my time : When checked, your time is displayed.</li> <li>• Time Zone : Adjusts the time zone. &lt;Blank/GMT +12 to -12&gt;</li> <li>• Show how many Contacts I have : When checked, the number of Contacts you have is displayed.</li> </ul>
Profile-Personal Information	<ul style="list-style-type: none"> <li>• Full Name : You can edit and show your name to other users.</li> <li>• Gender : You can select your gender. &lt;Blank/Female/Male&gt;</li> <li>• Birthdate : You can enter your birthday.</li> <li>• Home Page : Changes the URL of your homepage.</li> </ul>
Profile-About Me	<ul style="list-style-type: none"> <li>• About Me : You can edit your self introduction.</li> </ul>
Profile-Location	<ul style="list-style-type: none"> <li>• Country/Region : You can select your country/region.</li> <li>• State : You can select your state.</li> <li>• City : You can select your city.</li> <li>• Language : You can select your language.</li> </ul>
Profile-Phone Number	<ul style="list-style-type: none"> <li>• Home Phone : You can enter your home phone number.</li> <li>• Office Phone : You can enter your office phone number.</li> <li>• Mobile Phone : You can enter your mobile phone number.</li> </ul>
Profile-E-mail	<ul style="list-style-type: none"> <li>• E-mail 1 : You can enter your first e-mail account.</li> <li>• E-mail 2 : You can enter your second e-mail account.</li> <li>• E-mail 3 : You can enter your third e-mail account.</li> </ul>
Account-Overview	<ul style="list-style-type: none"> <li>• Skype Credit : Shows information about your currently available Skype credit.</li> <li>• Voicemail : Shows information about your voicemail subscription. &lt;Active/Not Active&gt;</li> <li>• SkypeIn : Shows information about your SkypeIn subscription. &lt;Active/Not Active&gt;</li> </ul>
Account-Advanced	<ul style="list-style-type: none"> <li>• Manage Account : The Web browser opens and displays the My Account Page.</li> <li>• Change Password : You can change your password to sign in to Skype.</li> </ul>
About Skype	Displays the version number, Copyrights, Warning of the Skype application.



# Communication

## — Yahoo! Messenger

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## Before Enjoying Yahoo! Messenger

### Features of Yahoo! Messenger using this unit

- Instant message with other Yahoo! Messenger users
- Sending/Receiving files to/from other Yahoo! Messenger users
- Go to Yahoo! Mail

#### Notes

- If you use a Yahoo! ID with 301 or more Contacts on its Contact List, all your Contacts are not displayed in your Contacts List.
- It may be prohibited to transfer content, without the copyright holders' permission under applicable copyright law.

### Preparing a wireless network connection

To use Yahoo! Messenger, connect the unit to a wireless network.  
For details, see “Wireless Network Connection” (📖 page 29).

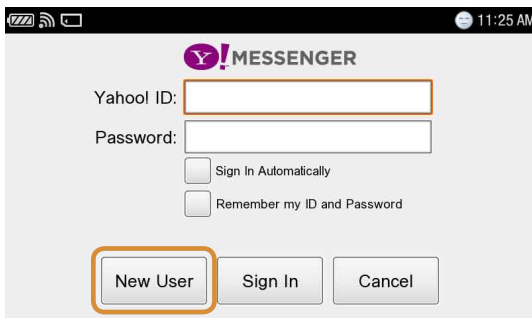
#### Note

- If you are connecting to a public wireless hotspot, you may need to log in to an Internet Service Provider (📖 page 30).

### Registering for a Yahoo! ID

If you already have a Yahoo! ID, go to the next section, “Starting Yahoo! Messenger” (📖 page 87).

If you have not yet signed up for Yahoo! Messenger, select “New User” on the Sign In screen and register for a Yahoo! ID.



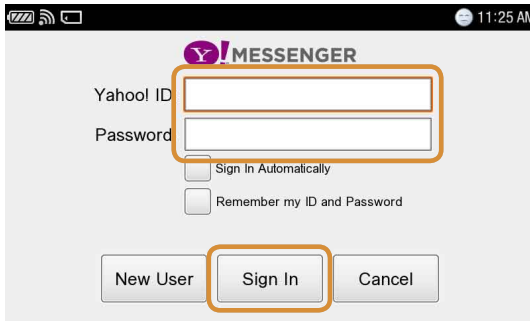
The screenshot shows the Yahoo! Messenger sign-in interface on a mobile device. At the top, there's a status bar with signal strength, Wi-Fi, and battery icons, and the time 11:25 AM. Below that is the Yahoo! Messenger logo. The main area contains a sign-in form with the following elements:

- Label: "Yahoo! ID:" followed by a text input field.
- Label: "Password:" followed by a text input field.
- Checkbox: "Sign In Automatically" (unchecked).
- Checkbox: "Remember my ID and Password" (unchecked).
- Buttons: "New User", "Sign In", and "Cancel". The "New User" button is highlighted with a red rectangular box.

## Starting Yahoo! Messenger

### Signing in to Yahoo! Messenger

On the Sign In screen, enter your Yahoo! ID and Password and select “Sign In.”



### To sign in to Yahoo! Messenger automatically

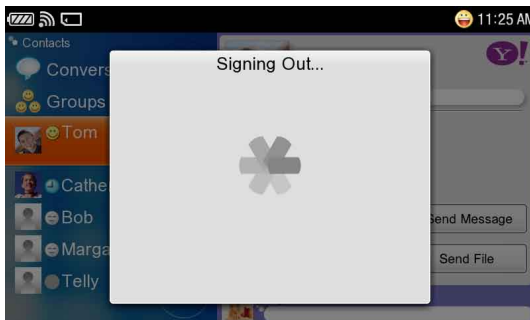
To have the unit automatically sign you in to Yahoo! Messenger when it connects to a wireless network or is started from the Communication menu, select both the “Sign In Automatically” and “Remember my ID and Password” check boxes on the Sign In screen.

#### Hint

- You can set Proxy information by selecting “Connection Settings” from the OPTION menu, if the setting is required.

### Signing out of Yahoo! Messenger

To sign out, select “Sign Out” from the OPTION menu.



#### Note

- If you disconnect the unit from the wireless network, you are automatically signed out of Yahoo! Messenger.

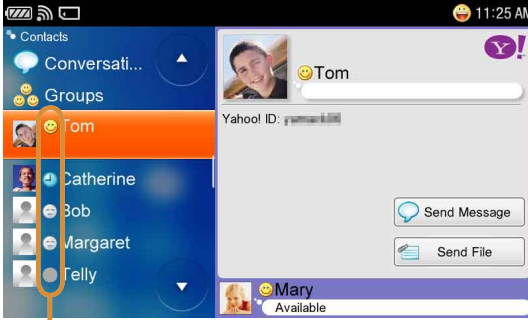
### Exiting Yahoo! Messenger

To end, select “Exit” from the OPTION menu.






## Screens and Icons of Yahoo! Messenger

### The Contacts screen and icons

After signing in to Yahoo! Messenger, the Contacts screen appears. Your Contacts (☞ page 93) are displayed. You can see the details for an item by highlighting it.



Status icon

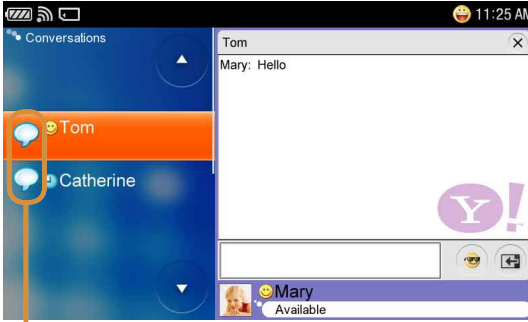
Status icon	Contact's status
 (Online)	Your contact is online.
 (Offline)	The contact appears to be offline.
 (Idle)	Your contact is idle.
 (Busy)	Your contact is online, but has chosen to have his or her status show as busy and might not be available.
 (Pending)	The Contact will appear on your contact list as pending until that person responds to your request.

## The Conversations screen and icons






On the Contacts screen, selecting “Conversations” makes the Conversations screen appear.

The Conversation screen displays all of the ongoing Conversations you have. The Conversations screen can show up to 198 items (99 Conversations and 99 Events) in the list, so when the limit is reached, the oldest Conversation or Event is deleted to make room for a new item.

If you highlight a Conversation, its details are displayed.



Message icon

Message icon	Meaning
	Unread message
	Ongoing Conversation
	Add to Contacts request
	Conference invitation
	File transfer request

## The status bar and icons

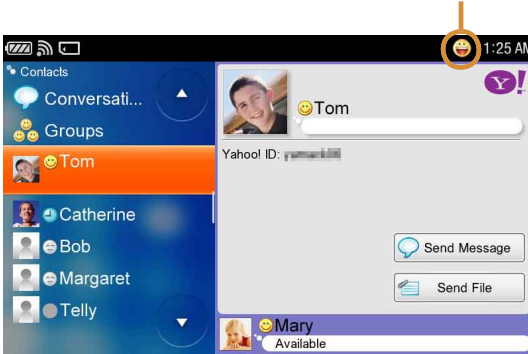
When you successfully sign in to Yahoo! Messenger, 🟡 (online) appears on the status bar of the display.



When an event occurs, 🟡 (online) changes to one of the following icons in the chart below.

To display the number of unread Conversations, open the INFO panel.

After you successfully sign out of Yahoo! Messenger, ⚫ (offline) appears.

Status bar icon



Status bar icon	Meaning
	A new incoming message, Add to Contacts request, File transfer request, Conference invitation
	New mail

### To use Yahoo! Mail

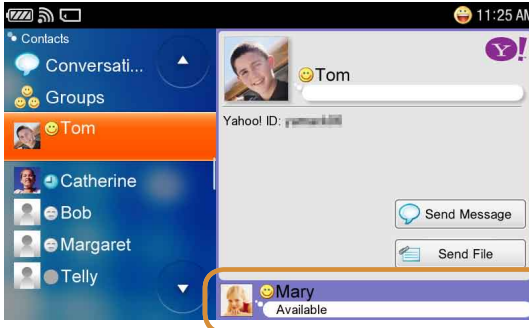
On the Contacts screen, select “Yahoo! Mail” to go to the Web browser. The sign in screen of Yahoo! Mail appears.

## Setting Your Status

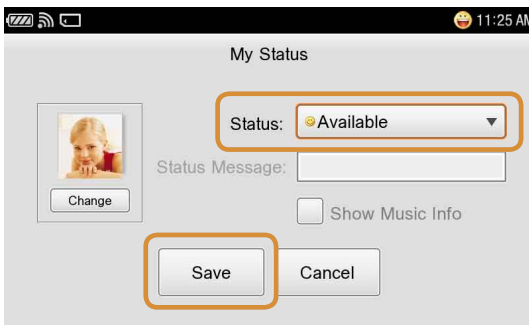
### Setting your status or profile




























Tap the “My Status Bar” area or select “My Status” from the OPTION menu, and edit as necessary.

After editing, select “Save.”



“My Status Bar” area



Item	Meaning																				
Change	You can add or change your picture* for others to see.																				
Status	Selecting your status.																				
	<table border="1"> <thead> <tr> <th>Icon</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td> (Available)</td> <td>When you sign in to Yahoo! Messenger, the default status is "Available."</td> </tr> <tr> <td> (Invisible to Everyone)</td> <td>You are signed in to Yahoo! Messenger, but will appear to be offline to others (you can still use Yahoo! Messenger in the same way as online status).</td> </tr> <tr> <td> (Busy)</td> <td>You are signed in to Yahoo! Messenger, but cannot respond because you are busy.</td> </tr> <tr> <td> (Stepped Out)</td> <td>You are signed in to Yahoo! Messenger, but appear busy to other users.</td> </tr> <tr> <td> (Be Right Back)</td> <td>You are signed in to Yahoo! Messenger, and "Be Right Back" is displayed in the Status Message box of other users.</td> </tr> <tr> <td> (Not with my mylo)</td> <td>You are signed in to Yahoo! Messenger, and "Not at My Desk" is displayed in the Status Message box of other users.</td> </tr> <tr> <td> (On the Phone)</td> <td>You are signed in to Yahoo! Messenger, and "On the Phone" is displayed in the Status Message box of other users.</td> </tr> <tr> <td> (Status Message)</td> <td>You are signed in to Yahoo! Messenger. The message you entered in the Status Message area is shown to other users.</td> </tr> <tr> <td> (Status Message (Busy))</td> <td>You are signed in to Yahoo! Messenger, but cannot respond because you are busy. The message you entered in the Status Message area is shown to other users.</td> </tr> </tbody> </table>	Icon	Meaning	 (Available)	When you sign in to Yahoo! Messenger, the default status is "Available."	 (Invisible to Everyone)	You are signed in to Yahoo! Messenger, but will appear to be offline to others (you can still use Yahoo! Messenger in the same way as online status).	 (Busy)	You are signed in to Yahoo! Messenger, but cannot respond because you are busy.	 (Stepped Out)	You are signed in to Yahoo! Messenger, but appear busy to other users.	 (Be Right Back)	You are signed in to Yahoo! Messenger, and "Be Right Back" is displayed in the Status Message box of other users.	 (Not with my mylo)	You are signed in to Yahoo! Messenger, and "Not at My Desk" is displayed in the Status Message box of other users.	 (On the Phone)	You are signed in to Yahoo! Messenger, and "On the Phone" is displayed in the Status Message box of other users.	 (Status Message)	You are signed in to Yahoo! Messenger. The message you entered in the Status Message area is shown to other users.	 (Status Message (Busy))	You are signed in to Yahoo! Messenger, but cannot respond because you are busy. The message you entered in the Status Message area is shown to other users.
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Status Message	Enter your profile or brief message to your Contacts. This is seen by other users. You can enter a Status Message when your Status is "Status Message" or "Status Message(Busy)" and "Show Music Info" is set to "OFF."																				
Show Music Info	When set to "ON," the information of the track you are listening to is displayed to your Contacts.																				

\* You can select any listed picture as your picture, after selecting "Add to My Picture List" from the OPTION menu in Photo application.



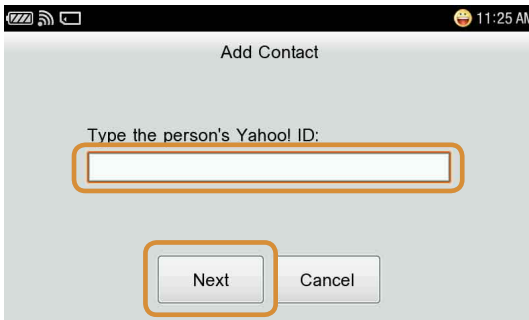
## Adding a User to Your Yahoo! Messenger Contact List

To use the Yahoo! Messenger features, such as starting a new conversation, your friends must be added to your Contacts.

### Sending an “Add a Contact” request



On the Contacts screen, selecting “Add a Contact” from the OPTION menu displays a screen to enter a Yahoo! ID.

Enter the Yahoo! ID you want to send the request to, select a Group and enter an optional introduction, and then select “OK.”



If the user agrees to your request, his or her personal details are registered in your Contacts list.


### Responding to an “Add a Contact” request from other users

When another user sends you a request to exchange contact details,  appears on the status bar of the display ( page 90).

From the Conversations screen, select Add a Contact request.

Response	Result
Allow	Add the user to your Contacts list.
Deny	Refuse the request once.
Ignore	Add the user to the Ignore list to never receive requests from the user again.

### To remove from the Ignore list

To allow contact from a user on the Ignore list, remove the user from the Ignore list ( page 99).

## Managing your Contacts

On the Contacts screen, highlight a Contact, then select the desired function from the OPTION menu.

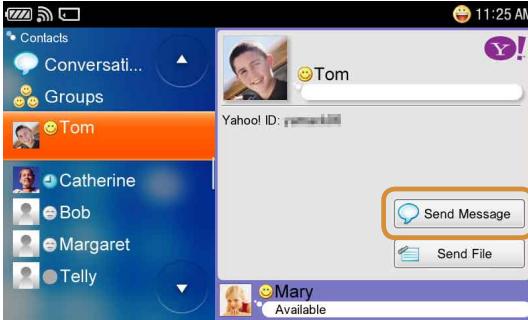
**Note**

- To edit Groups (add, delete or rename), use Yahoo! Messenger on your computer.


## Enjoying a Conversation

### Starting a new Conversation

On the Contacts screen, select the Contact you want to have a Conversation with, and then select “Send Message.”



### Hints

- To insert emoticons into Conversation messages, tap the  on the right screen, then select the emoticon you want to insert from the emoticon dialog.
- To insert a line feed, press the “Fn” key and then the “Enter” key.

### Answering a new Conversation

When a Contact sends a new message,  appears on the status bar of the display ( page 90).

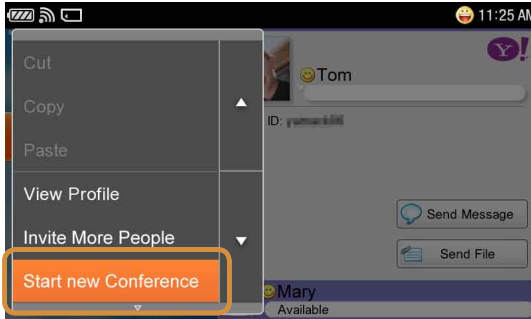
On the Contacts screen, select “Conversations” and then select the new Conversation.

### Open an ongoing Conversation

On the Contacts screen, select “Conversations,” and then select the ongoing Conversation from the list.

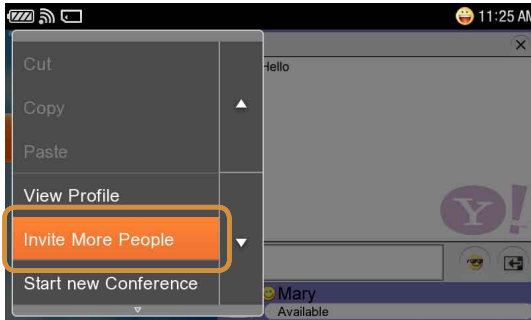
## Starting a Conference

On the Contacts screen, select “Start new Conference” from the OPTION menu, and then select the Contact(s) with which you want to have a Conference.



## Adding additional Contacts to an ongoing Conference

On the Conversation screen, select “Invite More People” from the OPTION menu, and then select the Contact you want to add.



## Ending a Conversation/Conference

To end a Conversation, tap **x** on the Conversation screen. The Conversation/Conference disappears from the Conversation/Conference List screen.

## Transferring Files

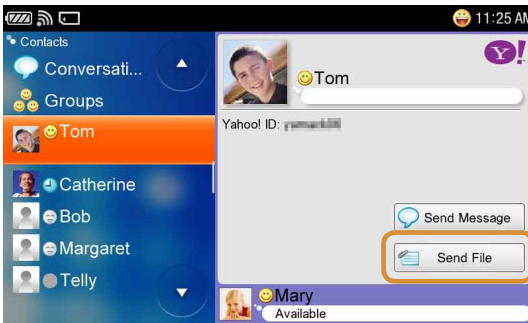
You can send/receive files to/from other Contacts.

### Note

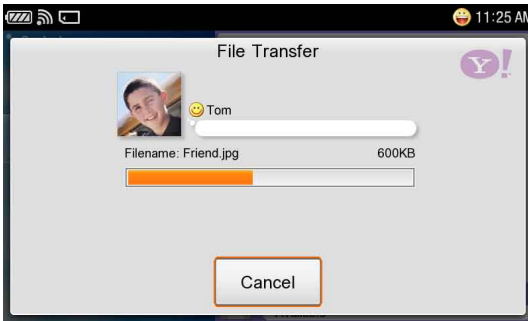
- It may be prohibited to transfer copyrighted content without the copyright holders' permission under applicable copyright law.

## Sending a file

On the Contacts screen, select the Contact you want to transfer a file to, and then select "Send File."



Select a file to send.  
You can send one file per each transfer request.



### Note

- You can select a file only from the internal memory.

### To stop a file transfer

Select "Cancel" during the file transfer.

## Receiving a file

When your Contact attempts to send a file to you, the Yahoo! Messenger icon blinks on the Status Bar and a file transfer request message is displayed in the Conversations screen.

When you select the message, a screen is displayed asking whether you want to receive the file or not.

Items	Result
Transfer	File transfer starts. The transferred file is saved in the “Drop Box” (☞ page 144). An application may start to handle the file, depending on the file format. If the file name is the same as one already saved in the “Drop Box,” a confirmation screen appears. Change the file name using the on-screen instructions.
Cancel	The file transfer is canceled. The sender will receive a message to inform the cancel.


### Hint

- The received file can be opened from “Drop Box” under “Tools” on the Home menu.

### Notes

- Files stored in the Drop Box, or Music folders that were transferred using the file transfer feature of Yahoo! Messenger or Skype, may not be included in the contents list displayed by the Music application for the folder where the file is downloaded, even if the application can read the file format. Exit the Music application and restart it in this case (☞ page 115).
- This unit cannot receive multiple files in 1 file transfer request. If you receive a request with multiple files, the transfer will be canceled immediately.

## When a file transfer request is received while another application window is displayed

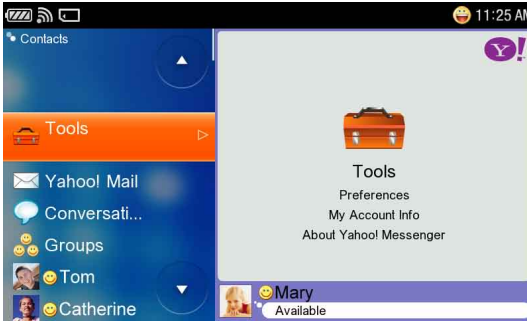
When your Contact attempts to send a file to you while you are using another application,  appears on the status bar of the display (☞ page 90).

From the INFO panel, select “Yahoo! Messenger,” “Conversations,” and the file transfer request to accept or cancel.

Only 1 file can be sent per transfer request.

## Adjusting Yahoo! Messenger Settings

On the Contacts screen, select “Tools,” and then select desired settings.



Item	Setting or operation
Preferences -Conversation	<ul style="list-style-type: none"> <li>• Archive : Selects whether messages are saved after a conversation ends. &lt;Clear when sign out/Do not Save&gt;</li> <li>• Emoticons : When checked, emoticons entered during Conversations appear on your screen as graphic images.</li> <li>• Show Timestamp : When checked, a timestamp is shown for each message entry in Conversations.</li> </ul>
Preferences -Ignore List	<ul style="list-style-type: none"> <li>• Edit : Opens a new screen where you can remove a user from the Ignore List by selecting the user's check box. Users on the Ignore list cannot view your status or send you messages.</li> </ul>
Preferences -Connection	<ul style="list-style-type: none"> <li>• Edit : Opens a new screen where the following can be entered. <ul style="list-style-type: none"> <li>• Proxy : Select the proxy settings. &lt;Auto/Do Not Use/HTTPS&gt;</li> <li>• Host : Enter the host address.</li> <li>• Port : Sets the port number of the proxy Yahoo! Messenger uses.</li> <li>• Proxy Authentication : When checked, enter a Username and Password to be used by the Proxy Authentication.</li> </ul> </li> </ul>
Preferences-Other	<ul style="list-style-type: none"> <li>• Sign In As Invisible : When checked, your status is automatically set to invisible when you sign in.</li> <li>• Alert Sound : When checked, an alert sound is played when a new event occurs.</li> <li>• Show Music Info : When set to “ON,” the information of the track you are listening to is displayed to your Contacts.</li> </ul>
My Account Info	Go to My Account Info : Opens the Web browser to display the My Account Info Page.
About Yahoo! Messenger	Displays the copyright of the Yahoo! Messenger application.

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## Before Enjoying Google Talk

### Features of Google Talk using this unit

- Chat with other Google Talk users
- Go to Gmail

#### Notes

- If you use a Gmail account with 301 or more Contacts on its Contact List, all your Contacts are not displayed in your Contacts List.
- E-mail accounts that have a format other than xxxxx@gmail.com cannot be used with the unit.

### Preparing for the wireless network connection

To use Google Talk, you must connect the unit to a wireless network.  
For details, see “Wireless Network Connection” (☞ page 29).

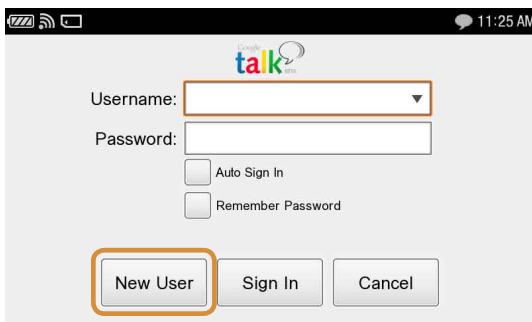
#### Note

- If you are connecting to a public wireless hotspot, you may need to log in to an Internet Service Provider (☞ page 30).

### Registering for a Gmail Account

If you already have a Gmail™ account, go to the next section, “Starting Google Talk” (☞ page 102).

If you have not yet signed up for Google Talk, select “New User” on the Sign In screen to get a Gmail account.



The screenshot shows the Google Talk sign-in interface on a mobile device. At the top, there is a status bar with the time 11:25 AM and various icons. The main content area features the Google Talk logo at the top center. Below the logo, there are two input fields: "Username:" followed by a dropdown menu, and "Password:" followed by a text input field. Underneath the password field, there are two checkboxes: "Auto Sign In" and "Remember Password". At the bottom of the screen, there are three buttons: "New User", "Sign In", and "Cancel". The "New User" button is highlighted with a red rectangular box.

## Starting Google Talk

### Signing in to Google Talk

On the Sign In screen, enter the Username (your Gmail account) and Password and select “Sign In.”



### To sign in to Google Talk automatically

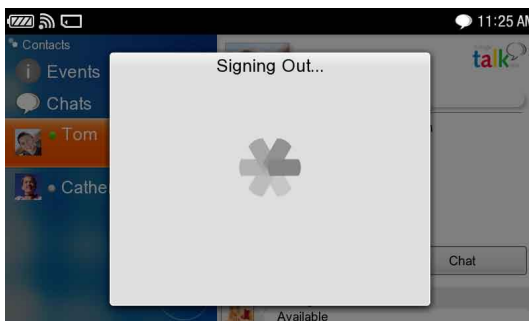
To have the unit automatically sign you in to Google Talk when it connects to a wireless network or is started from the Communication menu, select both the “Auto Sign In” and “Remember Password” check boxes on the Sign In screen.

#### Hints

- The unit remembers up to 3 Usernames that you have successfully signed in as at least once. Select a Username from the pull down menu.
- If you reset settings by selecting “Home,” “Tools,” “Settings” and then “System,” all remembered Usernames will be cleared. For details on reset settings, see [page 156](#).
- You can set Proxy information by selecting “Connection Settings” from the OPTION menu, if the setting is required.

### Signing out of Google Talk

To sign out, select “Sign Out” from the OPTION menu.



#### Note

- If you disconnect the unit from the wireless network, you are automatically signed out of Google Talk.

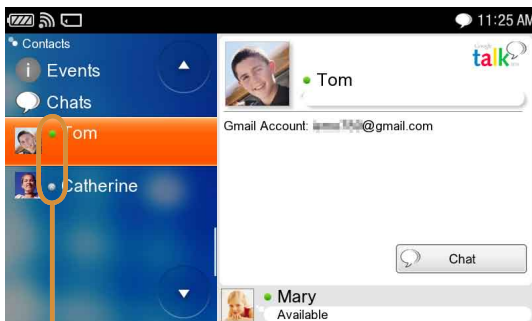
### Exiting Google Talk

To end, select “Exit” from the OPTION menu.





## Screens and Icons of Google Talk

### The Contacts screen and icons

After signing in to Google Talk, the Contacts screen appears. Your Contacts (☞ page 107) are displayed. You can see the details for an item by highlighting it.



Status icon

Status icon	Contact's status
 (Online)	The Contact is online.
 (Offline)	The Contact is offline.
 (Idle)	The Contact is idle.
 (Busy)	The Contact is busy.
[No icon] (Invited)	The Contact has not yet accepted your invitation.

## The Chats screen and icons

On the Contacts screen, selecting “Chats” makes the Chats screen appear. The Chats screen displays all of the ongoing chats you have.

The Chats screen can show up to 99 items in the list, so when the limit is reached, the oldest item is deleted to make room for a new item.

The details of the highlighted item are displayed.

New chat icon

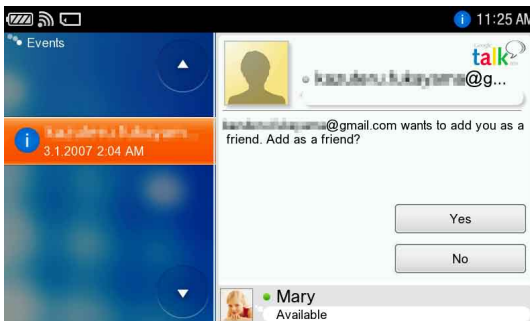


Chat icon	Meaning
	Unread Chat message
	All chat messages have been read

## The Events screen


On the Contacts screen, selecting “Events” makes the Events screen appear.

The Events screen displays invitations from other Google Talk users.



## The status bar and icons

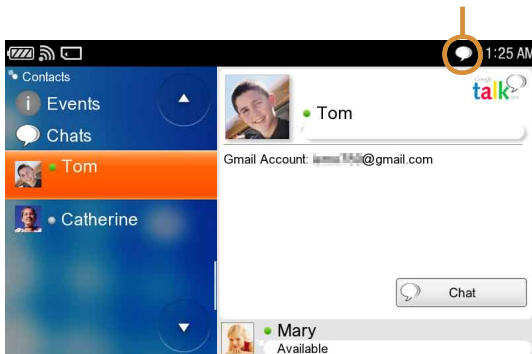
When you successfully sign in to Google Talk,  (online) appears on the status bar of the display.




When an event occurs,  (online) changes to one of the following icons in the chart.

To display the number of unread chats and events, open the INFO panel.

After you successfully sign out of Google Talk,  (offline) appears.

Status bar icon



Status bar icon	Meaning
	New event
	New incoming chat
	New mail

### To use Gmail

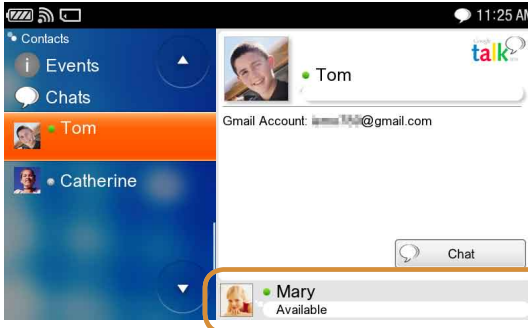
On the Contacts screen, select “Gmail Inbox” to go to the Web browser to Gmail and open your mail inbox.

## Setting Your Status

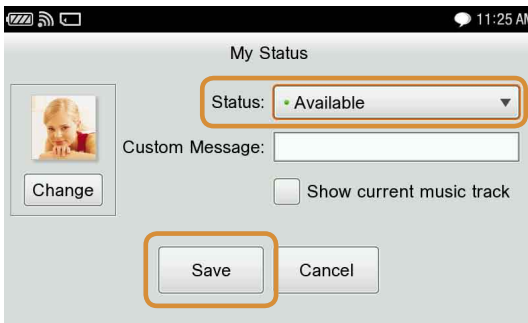
### Setting your status







Tap the “My Status Bar” area or select “My Status” from the OPTION menu, and edit as necessary.

After editing, select “Save.”



“My Status Bar” area



Item	Meaning						
Status	Selecting your status.						
	<table border="1"> <thead> <tr> <th>Icon</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td> (Available)</td> <td>You appear online to your Contacts.</td> </tr> <tr> <td> (Busy)</td> <td>You appear busy to your Contacts.</td> </tr> </tbody> </table>	Icon	Meaning	 (Available)	You appear online to your Contacts.	 (Busy)	You appear busy to your Contacts.
Icon	Meaning						
 (Available)	You appear online to your Contacts.						
 (Busy)	You appear busy to your Contacts.						
Custom Message	Enter your information or brief message to your friends. This is seen by other users.						
Change	You can add or change your picture* for others to see.						
Show current music track	When checked, the information for the track you are listening to is displayed to your Contacts.						

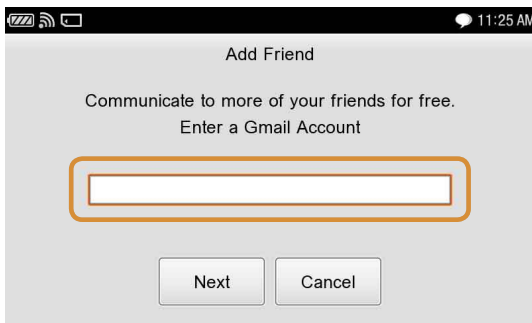
\* You can select any listed picture as your picture, after selecting “Add to My Picture List” from the OPTION menu in Photo application.

## Adding a User to Your Google Talk Contact List

To use the Google Talk features, such as starting a chat, your friends must be added to your Contacts.

### Sending an invitation

On the Contacts screen, selecting “Add Friend” from the OPTION menu displays a screen to enter a Google Talk Username. Enter the user information you want to send the request to, select “Next,” and then select “Finish.”



If the user agrees to your request, the status icon appears beside his or her User Name (☞ page 103).

#### Note


- E-mail accounts that have a format other than xxxxx@gmail.com cannot be used.

### To resend an invitation to a user

A user whose status icon (☞ page 103) does not appear beside his or her User Name has not yet agreed to your request.

To send the invitation again, highlight the user on the Contacts screen and from the OPTION menu, select “Invite Again.”

### Responding to invitations from other users

When another user sends you an invitation,  appears on the status bar of the display (☞ page 105).

From the Events screen, select the new invitation.

Response	Result
Yes	Add the user to your Contacts list.
No	Ignore the invitation.

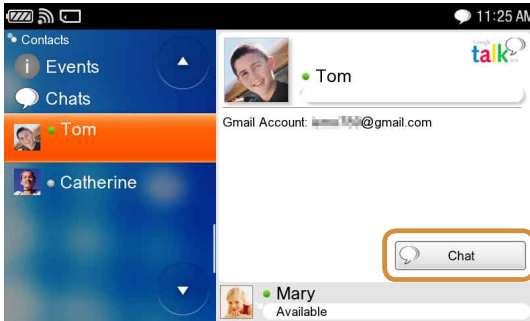
### Managing your Contacts

On the Contact screen, highlight a Contact, then select “Remove” from the OPTION menu.

## Enjoying a Chat

### Starting a new chat

On the Contacts screen, select the Contact you want to chat with, and then select “Chat.”



#### Hint

- To insert a line feed in your chat message, press the “Fn” key and then the “Enter” key.

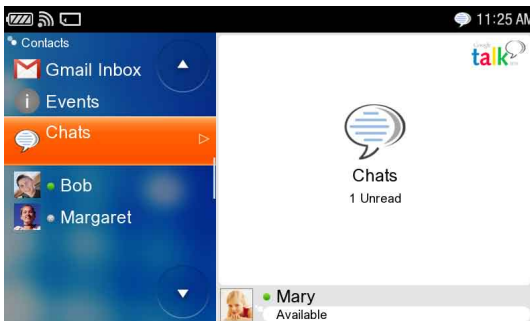
### Answering a new chat

When a Contact sends a new message,  appears on the status bar of the display ( page 105).

On the Chats screen, select the new chat.

### Open an ongoing chat

On the Contacts screen, select “Chats,” and then select the chat from the list.



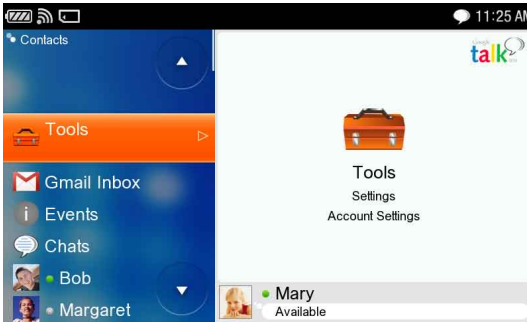
### Ending a chat

Tap  on the Chats screen.



## Adjusting Google Talk Settings

On the Contacts screen, select “Tools,” and then select the desired settings.



Item	Setting or operation
Settings-General	<ul style="list-style-type: none"> <li>• Alert Sound : When checked, an alert sounds when a new event occurs.</li> <li>• Show current music track : When checked, the information of the track you are listening to is displayed to your Contacts.</li> <li>• Show Timestamp : When checked, a timestamp is attached to each message entry in Chats.</li> </ul>
Settings-Connection	<ul style="list-style-type: none"> <li>• Edit : Opens a new screen where the following can be entered.               <ul style="list-style-type: none"> <li>• Proxy : Select the proxy settings. &lt;Auto/Do Not Use/Use Proxy&gt;</li> <li>• Host : Enter the host address.</li> <li>• Port : Sets the port number of the proxy Google Talk uses.</li> </ul> </li> </ul>
Account Settings	Opens the Web browser to display the Account Settings Page.

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## Transferring Audio Files from Your Computer

### Available software programs to transfer audio files

For details on importing audio files into your computer using the software programs listed below, refer to the Help supplied with each program.

- Windows Explorer (Drag and drop)
- Windows Media Player 10, 11
- SonicStage CP (SonicStage Ver.4.3)

### Supported audio formats

- MP3
- ATRAC
- WMA
- AAC

#### Notes

- This unit cannot play copyright-protected music files saved on a “Memory Stick Duo.”
- AAC files with file name extension “.m4a” or “.m4b” can be used with this unit.
- This unit does not support music download services on the Internet. Transfer tracks from your PC.

### Switching the USB mode

Before connecting the unit to the computer, set the unit’s USB mode as shown below based on the software program you want to use to transfer audio files.

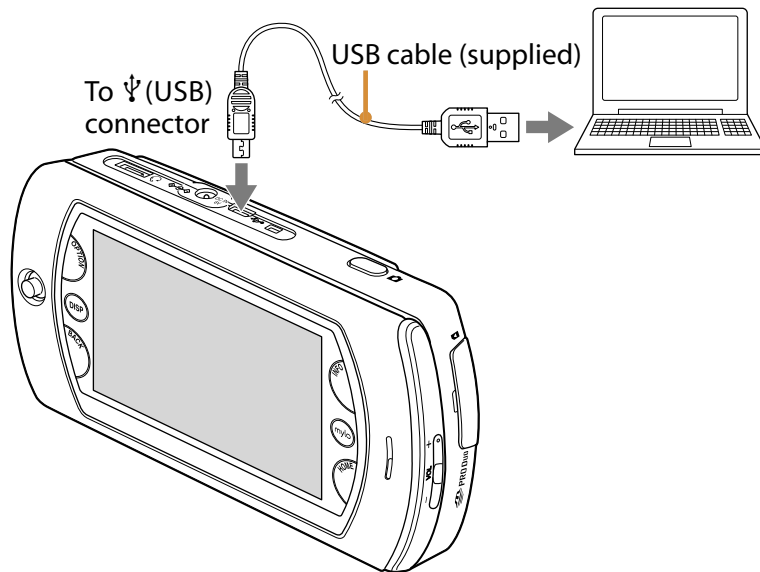
USB mode	Software program	Transfer To
MSC (Mass Storage Class)	SonicStage CP	Internal memory
	Windows Explorer	Internal memory or “Memory Stick Duo”
MTP (Media Transfer Protocol)	Windows Explorer Windows Media Player 10, 11	Internal memory

To change the USB mode, select “Tools” on the Home menu, and then select “Settings,” followed by the “USB Mode.”

After that, select  of either “MSC” or “MTP,” and check the selected icon changes to .

## Connecting the unit to a computer

Connect the unit to the computer with the supplied USB cable.



While the unit is connected to the computer, a screen showing the USB connection mode appears.

After the transfer finishes, make sure the unit does not display “Do Not Disconnect,” and then use the safely remove hardware function of the computer before disconnecting the USB cable from the unit and computer.

### Notes

- Do not disconnect the USB cable while audio files are being transferred.
- Do not take out the batteries while the unit is connected to a computer via the USB cable. Doing so may damage data stored on the unit.
- While the unit is connected to the computer, operations on the unit do not work.
- Connecting the unit via a USB hub may not work and is not supported. Connect the USB cable directly to the computer.

## Using Windows Explorer (Drag and drop)

Transfer audio files by dragging and dropping them to the unit in Windows Explorer.

Before transferring audio files, be sure to set the unit's USB mode to "MSC" (🔗 page 152) and connect the unit to a computer (🔗 page 112).

To transfer audio files, start Windows Explorer, then drag and drop files to the "MUSIC" folder that appears on the top level of mylo's file system.

### Hint

- Both the internal memory and "Memory Stick Duo" (if one is inserted into the unit) appear separately as removable disks when the unit's USB mode is set to "MSC."

### Note

- When transferring audio files to a "Memory Stick Duo," create a folder named "MUSIC" under the "Memory Stick Duo" top level folder using Windows Explorer before dragging and dropping.

## Using Windows Media Player 10 or 11

Transfer audio files or playlists from Windows Media Player to the unit.

Before transferring audio files, be sure to set the unit's USB mode to "MTP" (🔗 page 152) and connect the unit to a computer (🔗 page 112).

To transfer audio files, start Windows Media Player, then click "Sync" at the top of the window, and select the unit in the right pane.

The unit appears as a personal communicator.

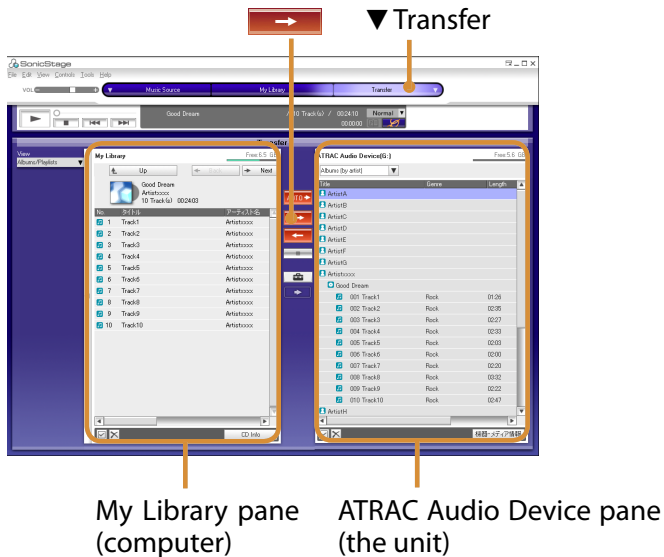
Select audio files to transfer in the left pane, and click "Start Sync."

## Using SonicStage CP

You can use SonicStage you have.

Transfer tracks (audio files) and playlists stored in “My Library” of SonicStage CP to the unit’s internal memory.

Before transferring audio files or playlists, be sure to set the unit’s USB mode to “MSC” (☞ page 152) and connect the unit to a computer (☞ page 112).



To transfer audio files or playlists, Start SonicStage CP. Point to “▼ Transfer,” and select “ATRAC Audio Device” from the list. In the My Library pane, click the album or tracks you want to transfer and click →. Transfer of the selected albums, tracks or playlists starts. When the transfer is completed, the albums, tracks or playlists appear in the ATRAC Audio Device pane.

## About the data folders

Audio files are stored in different folders, based on the software program or feature used to transfer the files to the internal memory or “Memory Stick Duo,” as shown in the table below.

### Data folders of the internal memory

Software program or feature	Destination folder
SonicStage CP	“OMGAUDIO” folder
Windows Media Player Windows Explorer (drag and drop)	“MUSIC” folder *
File Transfer features of Skype and Yahoo! Messenger (☞ page 80, 97)	“DROPBOX” folder
Download using Web browser	

\* Up to 5 levels of sub-folders are supported.

See the folder structure chart also (☞ page 186).

### Data folders of the “Memory Stick Duo”

Software program or feature	Destination folder
Windows Explorer	“MUSIC” folder *

\* Up to 5 levels of sub-folders are supported.

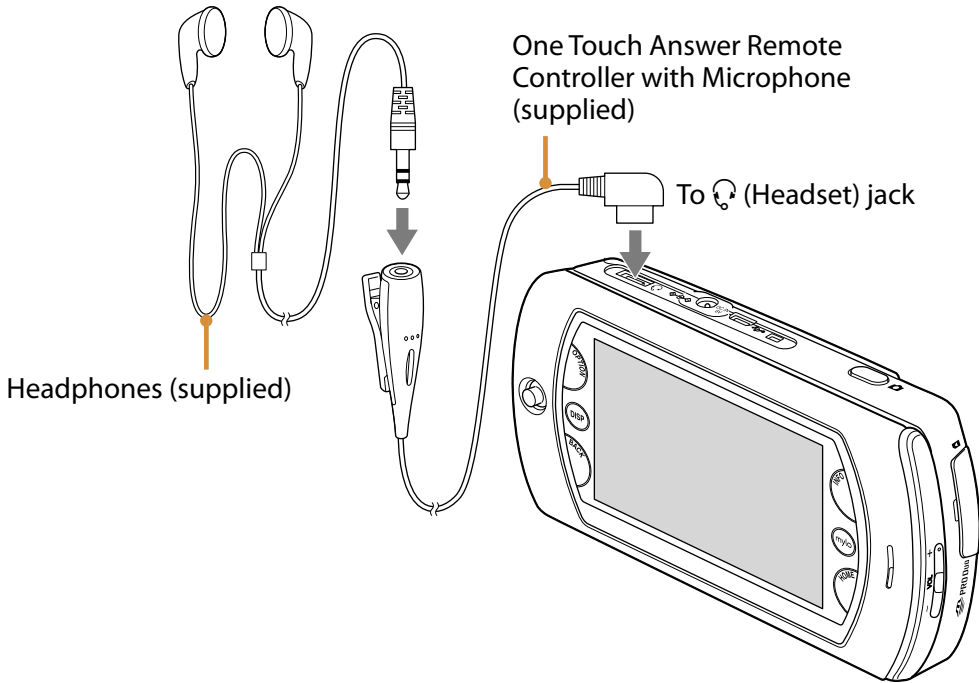
See the folder structure chart also (☞ page 187).

#### Notes

- You cannot use SonicStage CP to transfer audio files to a “Memory Stick Duo” inserted into the unit.
- Audio files that were transferred to a “Memory Stick Duo” using SonicStage CP cannot be played on this unit.

## Playing Music

Connect the supplied headset to the unit as illustrated below.

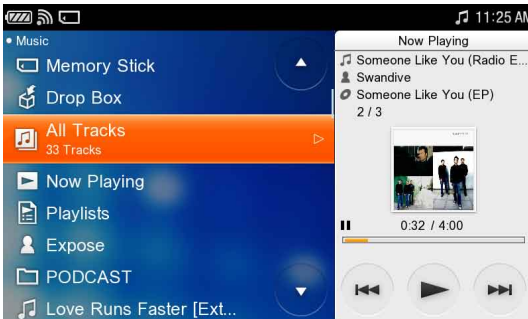


### Hint

- You can enjoy audio output from the loudspeaker without using the headset.

## Playing selected tracks

Select “Music” on the Home menu.





Select from the following items:

Select	To list
Memory Stick	All tracks stored on an inserted “Memory Stick Duo”
Drop Box	Tracks transferred using the File Transfer feature of Skype and Yahoo! Messenger or download feature of Web browser (☞ page 80, 97), and saved in the “DROPBOX” folder of the internal memory
All Tracks	All tracks stored in the internal memory
Now Playing	The track currently played back
Playlists	Tracks in My Playlist (☞ page 120) or in playlists transferred from a computer
Artist names	Tracks of a specific artist, transferred from a computer using SonicStage CP
Folder names	Tracks in a specific folder transferred from a computer using Windows Media Player or Windows Explorer (drag and drop)
Track names	Tracks transferred from a computer using Windows Media Player or Windows Explorer (drag and drop)
PODCAST	Tracks downloaded via RSS/Podcast and saved in the “PODCAST” folder in the internal memory

Select a track, an album, a folder, a playlist, or “All tracks,” and then press ►|| to start playback.

#### Hint

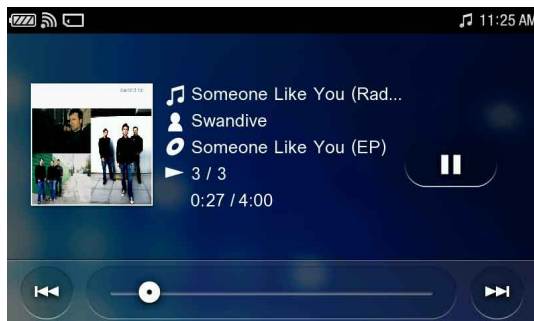
- The item you select determines the set of tracks that will be played. For details, refer to the following section “Scope of tracks to be played.”

#### **Note**

- “PODCAST” is listed only after a track is downloaded and saved via RSS/Podcast. Select “Add to Music Player” from the OPTION menu, and restart Music application (☞ page 54).

## About the Now Playing screen









The Now Playing screen displays information about the currently playing track.



### Hint

- To view information about the currently playing track while using other applications, select “Music” from the INFO panel.




## Basic playback operations

To	Touch panel operation
Play	Tap  . Playback starts from the point where you last stopped playback.
Pause playback	Tap  .
Adjust the volume	Press the VOL +/- buttons at the right side of the unit.
Find the beginning of the current music track	Tap  .
Find the beginning of previous music tracks	Tap  repeatedly to the desired track.
Find the beginning of the next music track	Tap  .
Find the beginning of succeeding music tracks	Tap  repeatedly to the desired track.
Rewind	Tap and hold  .
Fast forward	Tap and hold  .

### Hint

- You can operate using the keyboard or the Operation key.

### Note

- The ,  and  buttons on the keyboard do not work when the Music Player is not activated.

## To change the Play Mode

Select the “Play Mode” from the OPTION menu.

The unit offers the following :

<Normal/Repeat/Repeat 1/Shuffle Repeat>

## To change music tone (Equalizer)

Select “Equalizer” from the OPTION menu.

Select a Preset or Custom sound setting from the following :











<Off/Rock/Pop/Jazz/R&B/Classical/Electronic/Bass Boost 1/Bass Boost 2/  
Custom 1/Custom 2>

Select “Custom 1” or “Custom 2” to display the Custom equalizer screen.



Move the frequency bars to adjust the levels, and then select “OK.”

## Scope of tracks to be played

The tracks that play depends on your selection from the Music menu.

Select from	Playback scope
 (Memory Stick)	All tracks stored in the MUSIC folder of the “Memory Stick Duo”
 (Drop Box)	All tracks in “Drop Box”
 (All Tracks)	All tracks stored in the internal memory
 (Playlists)	All tracks on the playlist
 (Artist’s name)/  (All) in the Artist folder	All of the Artist’s tracks
 (Album title) in the Artist folder	All tracks of the album
 (folder’s name)	All tracks in the folder and in sub-folders inside the folder
 (a track in a folder)	All tracks in the folder
 (a track on the first level)	All tracks on the first level

### Notes

- Tracks stored in the internal memory and tracks stored in “Memory Stick Duo” are separate and are not included in the same playback scope.
-  and  are displayed only when music data with the artist info are transferred via SonicStage CP.

## Creating a Music Playlist

My Playlist is a custom playlist of tracks that you can create right on the unit. You can manage the list by adding/deleting tracks in the internal memory.

### Hint

- Other playlists can be imported from your computer.

### To add the currently playing track to My Playlist

On the Now Playing screen, select “Add to My Playlist” from the OPTION menu.

### To add to My Playlist from a list screen

Highlight a track and select “Add to My Playlist” from OPTION menu.

### To delete a track from My Playlist

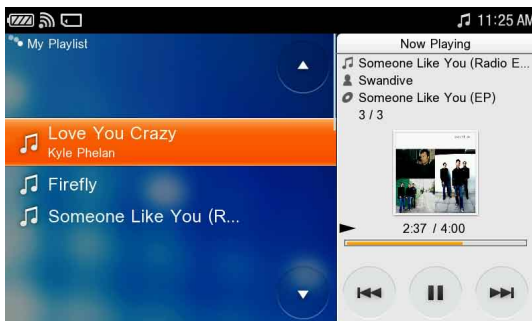
Highlight a track and select “Delete,” or select “Delete Multiple” and check the tracks.

### Note

- These delete operation menus are for list management only and do not delete the actual files from the internal memory. To delete the audio files saved on the unit, connect this unit to a computer and then use the software for audio file operations.

## Playing tracks in My Playlist

On the Home menu, select “Music” and select “Playlists” followed by “My Playlist.”



Playback starts when you select a track.

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## Transferring Photo Files from Your Computer

### Supported image formats

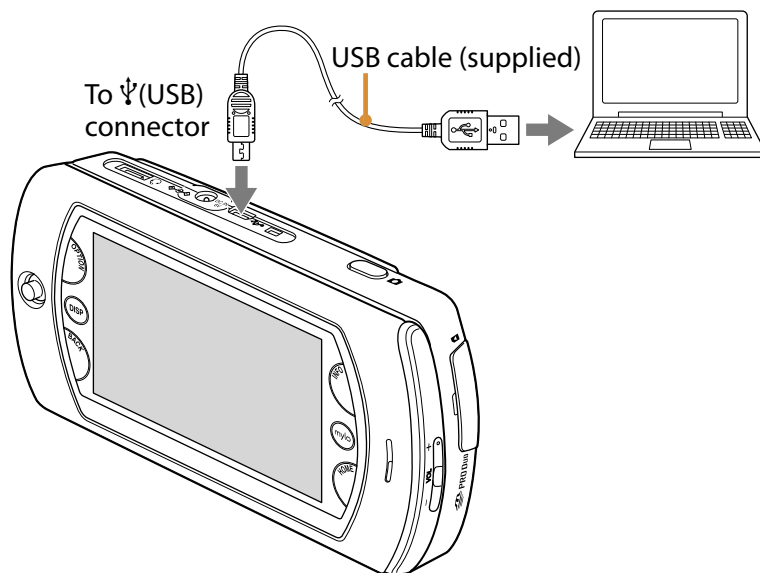
- JPEG
- PNG
- BMP

### Switching the USB mode

On the Home menu, select “Tools” and then select “Settings.”  
Select “MSC” of “USB Mode.”

### Connecting the unit to a computer

Connect the unit to the computer with the supplied USB cable.



While the unit is connected to the computer, a screen showing the USB connection mode appears.

After the transfer finishes, make sure the unit does not display “Do Not Disconnect,” and then use the safely remove hardware function of the computer before disconnecting the USB cable from the unit and computer.

#### Notes

- While the unit is connected to the computer, operations on the unit do not work.
- Do not disconnect the USB cable while photo files are being transferred.
- Do not take out the batteries while the unit is connected to a computer via the USB cable. Doing so may damage data stored on the unit.
- Connecting the unit via a USB hub may not work and is not supported. Connect the USB cable directly to the computer.

Continued ➞

## Using Windows Explorer (Drag and drop)

Transfer photo files by dragging and dropping them to the unit in Windows Explorer.

To transfer photo files, start Windows Explorer, then drag and drop files to the “PICTURE” folder that appears on the top level of mylo’s file system.

### Note

- When transferring photo files to a “Memory Stick Duo,” create a folder named “PICTURE” under the “Memory Stick Duo” top level folder using Windows Explorer before dragging and dropping.

## About the data folders

Photo files are stored in different folders, based on the software program or feature used to transfer the files to the internal memory or “Memory Stick Duo,” as shown in the table below.

### Data folders of the internal memory

Software program or feature	Destination folder
Windows Explorer	“PICTURE” folder *
File Transfer feature of Skype or Yahoo! Messenger (☞ page 80, 97)	“DROPBOX” folder
Download or Save Image feature of Web browser	
Photo files taken by this unit	“DCIM” folder

\* Up to 5 levels of sub-folders are supported.

See the folder structure chart also (☞ page 186).

### Data folders of the “Memory Stick Duo”

Software program or feature	Destination folder
Windows Explorer	“PICTURE” folder *
Photo files taken by this unit or another digital camera	“DCIM” folder

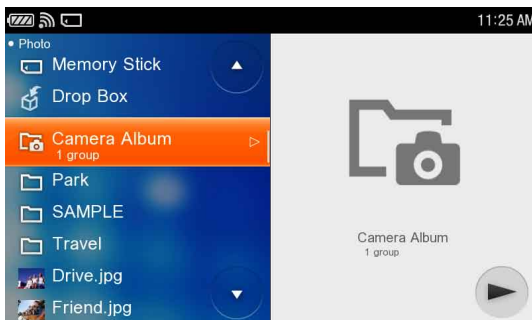
\* Up to 5 levels of sub-folders are supported.

See the folder structure chart also (☞ page 187).

## Displaying Photo Files

### Playing selected photos

Select “Photo” on the Home menu.



Select from the following items:

Select	To list
Now Editing	The photo currently being edited
Memory Stick	All photos stored on an inserted “Memory Stick Duo”
Drop Box	Photos transferred using the File Transfer feature of Skype and Yahoo! Messenger, or download feature of Web browser (see page 80, 97), and saved in the “DROPBOX” folder of the internal memory
Camera Album	The photo album taken by the mylo Camera application
Folder	Photos in a specific folder transferred from a computer using Windows Media Player or Windows Explorer (drag and drop)
File name	Tracks transferred from a computer using Windows Media Player or Windows Explorer (drag and drop)

Highlighting a folder and tapping  starts a slideshow.

#### Hint

- JPEG photos that are up to 7 Megapixels (3072 × 2304), PNG/BMP photos that are up to 5 Megapixels (2560 × 1920) are supported.

#### Notes

- Photos with a file size larger than 5 MB cannot be displayed with this unit.
- Photos may not be displayed properly even when their pixel sizes are within the maximum, due to the settings on the unit or circumstances of use.

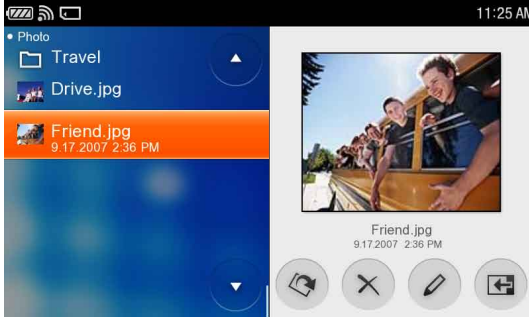










## Basic playback






Depending on the screen, available buttons are different.

### Hint

- You can also select available operations on items from the OPTION menu.



Button	Meaning
	Starts a slideshow (  page 124). To end the slideshow, tap the center of the picture. To go back to the list, tap the BACK button.
	Rotates the photo clockwise by 90 degrees.  <b>Note</b> • When a JPEG file including EXIF info is rotated, only the EXIF info is updated and the original photo file is not changed.
	Deletes the photo.
	Edits the photo (  page 127).
	Changes to full screen mode.
	Displays the previous/next photo.

Button	Meaning
	Displays the photo enlarged/compressed.
Button	Meaning
	Displays the photo enlarged.
	Displays the photo compressed.
	Displays the photo fit to screen.
	Displays the photo at original size. Photos smaller than the LCD screen are displayed with black bands at the margins, while photos larger than the screen are displayed with the center of the picture at the center of the screen.

### To change the order of photo files

Select “Sort by” or “Group by Date” from the OPTION menu on the photo list screen to set the desired order.

## Changing the list view

Tap the DISP button.

The file list view changes to the thumbnail view.

When displaying a photo, the operation buttons are shown/hidden.

## Adding a photo to My Picture list

You can add a photo to the My Picture list to use with your profile in Communication applications or thumbnail for your friend on the My Contact Widget (☞ page 38).

To add a photo to the My Picture list, display the photo you want to add and select “Add to My Picture List” from the OPTION menu.


## Setting a photo as Wallpaper on mylo

Display the photo you want to set as wallpaper, and then select “Set as Wallpaper” from the OPTION menu.

### Hints

- If you display a photo and enlarge it, you can add the photo to My Picture or Wallpaper with effects.
- To set a photo from the wallpaper list as wallpaper on mylo, see ☞ page 152.
- When you set a photo taken by mylo as the wallpaper, the black bands may appear on the screen. In this case, enlarge the photo, and then set it as the wallpaper.

## Editing Photo files





Selecting  (edit) from a displayed photo makes the edit screen appear.

### Hint

- To change the tool bar items, tap  or  at the top left of the screen, or tap the DISP button.

### Edit tool bar



Button	Meaning
	The photo rotates left 90 degrees.
	The photo rotates right 90 degrees.
	Changes the file size.
	Saves the edited photo.

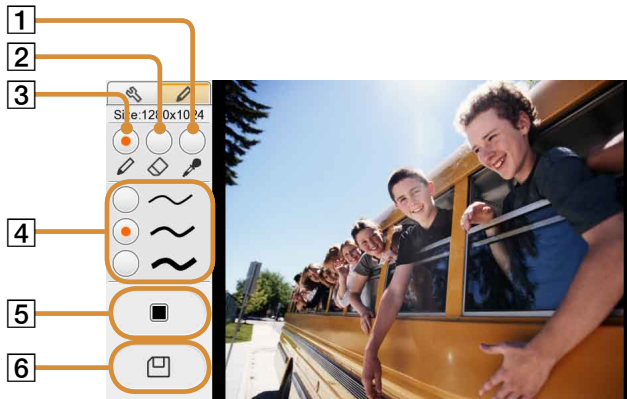
### Hint

- If you rotate the image in the view screen in Photo application, only the EXIF info is updated and the original photo file is not rotated. If you rotate the photo on the edit screen, the file data itself will be rotated after the save.

### Note

- Photo that is larger than SXGA (1280 × 1024) cannot be edited with this unit.

## Paint tool bar



If you touch the photo on the screen with the stylus, you can paint with selected effects as shown in the chart.

	Meaning
<b>1</b>	Picks the color from the image.
<b>2</b>	Erases parts of the lines drawn by this edit.
<b>3</b>	Draw a line on the photo by moving the stylus on the screen.
<b>4</b>	Changes the pen or eraser width.
<b>5</b>	Displays the Color Palette to change the pen color.
<b>6</b>	Saves the edited photo.


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## Transferring Video Files from Your Computer

### Supported video formats

- MPEG-4
- AVC (Baseline Profile)

#### Hints

- Details for supported file formats are described on  page 264.
- This unit supports the “.mp4” file extension.
- Depending on how video files are converted, the unit may not be able to play back some files.
- To transfer files, Image Converter 2 or later (sold separately) is recommended.

#### Note

- The AVC profile which Image Converter 2 and Image Converter 2 plus can transfer is not Baseline profile. To transfer AVC (Baseline Profile), update to Image Converter 3.

### Switching the USB mode

Before connecting the unit to the computer, set the unit's USB mode as shown below based on the software program you want to use to transfer video files.

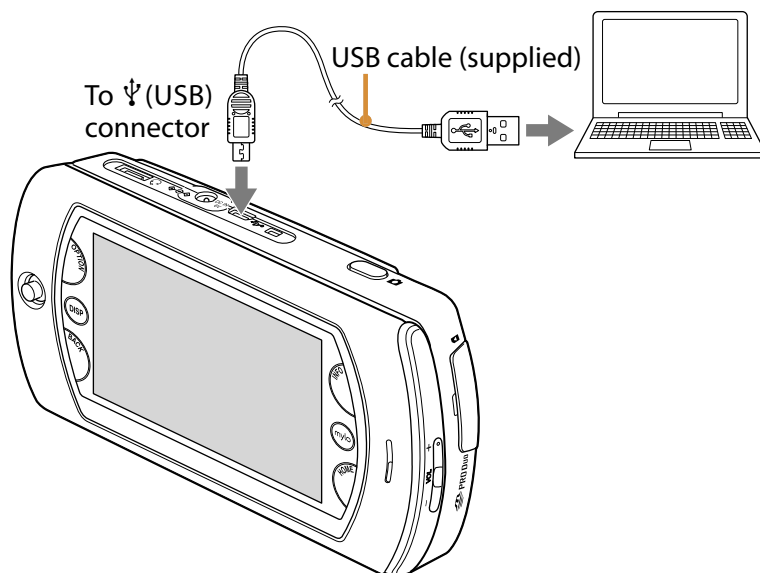
USB mode	Software program	Transfer To
MSC (Mass Storage Class)	Image Converter 2 or later	Internal memory or “Memory Stick Duo”
	Windows Explorer	

To change the USB mode, select the “Tools” on the Home menu, and then select “Settings,” followed by the “USB Mode.”

After that, select  of “MSC” and check the selected icon changes to .

## Connecting the unit to a computer

Connect the unit to the computer with the supplied USB cable.



While the unit is connected to the computer, a screen showing the USB connection mode appears.

After the transfer finishes, make sure the unit does not display “Do Not Disconnect,” and then use the safely remove hardware function of the computer before disconnecting the USB cable from the unit and computer.

### Notes

- While the unit is connected to the computer, operations on the unit do not work.
- Do not disconnect the USB cable while video files are being transferred.
- Do not take out the batteries while the unit is connected to a computer via the USB cable. Doing so may damage data stored on the unit.
- Connecting the unit via a USB hub may not work and is not supported. Connect the USB cable directly to the computer.

## Using Image Converter

Image Converter 2 or later enables you to convert video files to the proper format (☞ page 264) and then transfer them to the internal memory or “Memory Stick Duo” of the unit—all in one step.

### Hint

- Transferred video files using Image Converter are saved in the “MP\_ROOT” folder (☞ page 186).

## Using Windows Explorer (Drag and drop)

Transfer video files with the “.mp4” extension by dragging and dropping them to the unit using Windows Explorer.

To transfer video files, start Windows Explorer, then drag and drop files to the “VIDEO” folder that appears on the top level of mylo’s file system.

### Hint

- Both the internal memory and “Memory Stick Duo” (if one is inserted into the unit) appear separately as removable disks when the unit’s USB mode is set to “MSC.”

### Notes


- Some video file cannot be played on this unit even with the file name extension is “.mp4.”
- When transferring video files to a “Memory Stick Duo,” create a folder named “VIDEO” under the “Memory Stick Duo” top level folder using Windows Explorer before dragging and dropping.

## About the data folders


The folder structures of the unit’s internal memory and a “Memory Stick Duo,” are shown below.

Video files are stored in different folders, based on the software program or feature used to transfer the files, as shown in the table below.

### Data folders of the internal memory

Software program or feature	Destination folder
Image Converter 2 or later	“MP_ROOT” folder
Windows Explorer	“VIDEO” folder *
File Transfer feature of Skype or Yahoo! Messenger (  page 80, 97)	“DROPBOX” folder
Download feature of Web browser	


\* Up to 5 levels of sub-folders are supported.

See the folder structure chart also ( page 186).

### Data folders of the “Memory Stick Duo”

Software program or feature	Destination folder
Image Converter 2 or later	“MP_ROOT” folder
Windows Explorer	“VIDEO” folder *

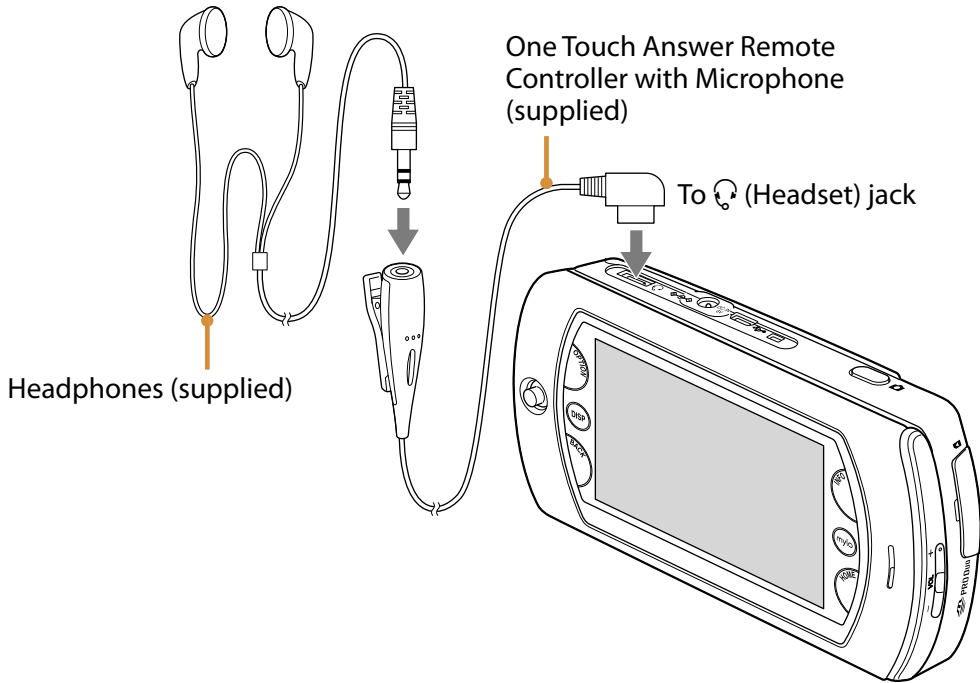
\* Up to 5 levels of sub-folders are supported.

See the folder structure chart also ( page 187).



## Viewing Video Files

Connect the supplied headset to the unit as illustrated below.

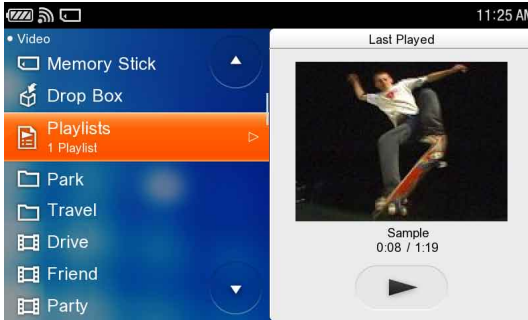


### Hint

- You can enjoy audio output from the loudspeaker without using the headset.

## Playing selected Videos

Select “Video” on the Home menu.



Select from the following items:


Select	To list
Memory Stick	All videos stored on an inserted “Memory Stick Duo.”
Drop Box	Videos downloaded via the Web or transferred using the File Transfer feature of Skype or Yahoo! Messenger (☞ page 80, 97) are saved in the “DROPBOX” folder of the internal memory.
Playlists	Videos in My Playlist (☞ page 137) or in playlists transferred from a computer.
Folder names	Videos in a specific folder transferred from a computer using Windows Explorer (drag and drop).
Title	Videos transferred from a computer using Image Converter 2 or later or Windows Explorer (drag and drop).

## Basic playback operations

There are 2 playback modes for video.

To change the mode, select “Operation Mode” from the OPTION menu.

- Mode A : Suitable for long videos, such as TV programs and movies
- Mode B : Suitable for short videos, such as music videos



To	Operation
Playback	Select a video file. Playback starts from the point where you last stopped playback, if the video track shows  . In mode A, when the current video ends, playback pauses. In mode B, when the current video ends, the next video starts playing.
Stop playback	Press the Operation key.
Adjust the volume	Press the VOL +/- buttons (or move the Operation key up or down in full screen mode. )
Fast forward	Mode A : Move the Operation key to the right. Mode B : Move and hold the Operation key to the right.
Find the beginning of the next video	Mode A : Press “M” on the keyboard. Mode B : Press “M” on the keyboard or move the Operation key to the right.
Rewind	Mode A : Move the Operation key to the left. Mode B : Move and hold the Operation key to the left.
Find the beginning of the current/previous video	Mode A : Press “N” on the keyboard. Mode B : Press “N” on the keyboard or move the Operation key to the left.
Jump ahead 5 minutes	Press “L” on the keyboard.
Jump back 5 minutes	Press “K” on the keyboard.
Return to the list	Tap the BACK button.
Play in slow motion	Move the Operation key to the right while playback is paused.

### Hint


- You can also use ,  or  on the keyboard for video control.

### To resume playback

The thumbnail of a video you paused is shown in the right of screen.

To resume the video, tap  ( page 134).

### Hints

- Video files that have been stopped during playback are displayed with  in the video file list.
- If you play another video, the resume playback of original video is cleared.
- If you take out the “Memory Stick Duo” or turn off the unit, the resume playback of video is cleared.

## To change the screen layout

Tap the DISP button repeatedly.

The screen layout is changed as follows:

Normal ➔ Wide\* ➔ With Controls (➔ Normal)

\* This layout is available only under the following conditions:

- “Fit to Screen” of the Screen Mode is selected from the OPTION menu, and
- The height of the video file is longer than its width by 3:2.

## To delete a video file

Select “Delete” from the OPTION menu.



### Hints

- You can see the details of a video file by selecting “Properties” from the OPTION menu while the video file on the list is highlighted or being played back.
- You can adjust the video playback screen by selecting “Screen Mode” from the OPTION menu. Select “Original” for the actual size, or “Fit to Screen” to enlarge to fit the pane.
- When playing back in full screen, selecting “Jump” in the OPTION menu makes a jump to playback points according to the setting.
- When you select the “Audio Options” from the OPTION menu, you can set the audio output options from “Main+Sub (Stereo),” “Main Channel (Left),” or “Sub Channel (Right).”

## Creating a video Playlist

My Playlist is a custom playlist of videos that you can create right on the unit. You can manage the list by adding videos in the internal memory or deleting the videos.

### To add the currently playing video to My Playlist

On the video playback screen, select “Add to My Playlist” from the OPTION menu.

### To add to My Playlist from a list screen

From a video list or playlist, select a video on the list, and select the “Add to My Playlist” from the OPTION menu.

### To delete a video from My Playlist

To delete 1 video, highlight a video and select “Delete” from the OPTION menu.

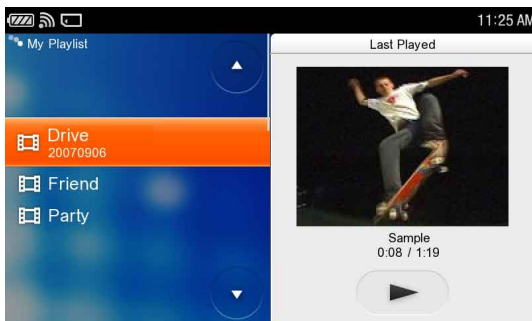
To delete multiple videos, select “Delete Multiple” from the OPTION menu, and then select videos.

#### Note

- This operation menu works for list management only and does not delete the actual files from the internal memory. To delete the video files saved in the unit, close the Playlist screen. Display the video list and highlight the file, and then select “Delete” from the OPTION menu.

## Playing a video in My Playlist

From the Home menu, select “Video” and select “Playlists” followed by “My Playlist.”



Playback starts when you select a video.

# Camera

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## Taking Photos

On the Home menu, select “Camera.”

The camera monitor screen is displayed.

Face the lens toward the subject, and then click the shutter button while monitoring the screen.

The photo taken is displayed as a thumbnail at the bottom right of the screen.

### Hints

- You can start up the camera also by pressing and holding the shutter button.
- You can press the Operation key to take photos instead of the shutter button.
- The photo taken is saved as a file to the “DCIM” folder of either the internal memory or a “Memory Stick Duo,” depending on your setting.

### Notes

- You cannot disable the shutter sound from loudspeaker.
- Be careful to hold firmly and not to move the unit when taking photos.
- Use caution when you try to take photos of strong light sources such as the sun or lamps, the photos can become dark or distorted.

## Before taking pictures


Sony recommends taking a test picture to confirm settings and light conditions before actual shooting.

Take a test shot, save it, and view it to check the result.

## Adjusting zoom, exposure and white balance

On the camera screen, you can adjust zoom, exposure and white balance.

### Hint

- When you want to take close-up photos of small things (macro photography), set the macro switch to  (☞ page 15).

## The "Zoom/Quick review" screen



Tap the DISP button to display the “Exposure adjustment/Quick review” screen.

Button		Result
Zoom	<b>1</b> (telephoto)	Zoom in.
	<b>2</b> (wide-angle)	Zoom out.
Quick Review	<b>3</b>	The Quick review screen is displayed (📖 page 141).

### 💡 Hint

- You can adjust the zoom also by flicking the operation key up or down.

## The “Exposure adjustment/Quick review” screen



Tap the DISP button when the “Zoom/Quick review” screen is displayed.

Button		Result
Exposure adjustment	<b>1</b>	Brightens the shot (+).
	<b>2</b>	Darkens the shot (-).
Quick Review	<b>3</b>	The Quick review screen is displayed (📖 page 141).

### 💡 Hint

- You can adjust the exposure also by flicking the Operation key right or left.

## Changing the setting

On the Camera screen, set the desired items from the OPTION menu.





Items	Result or setting options
Size & Quality	Sets the photo size and the quality (compression ratio). <1280 × 1024 SXGA(High Quality)/1280 × 1024 SXGA/ 640 × 480 VGA(High Quality)/640 × 480 VGA/320 × 240 QVGA>
White Balance	Sets the White Balance. <Auto/Sun Light/Cloudy/Room Light/Lamp>
Save to	Sets the media to which photos are saved. <Memory Stick/Internal Memory>
Shutter Sound	Sets the shutter sound. <Sound 1/Sound 2/Sound 3>
Auto Review	Sets the Auto Review. <On/Off>



## Viewing a Photo

On the camera screen, tap the thumbnail at the right bottom.  
The Quick review screen appears.

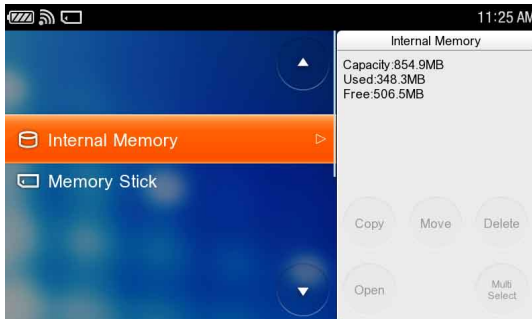


Button	Result
	The Photo viewer application starts up (  page 125).
	The displayed photo is deleted.
	Returns to the camera screen.

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## File Manager - Handling Files

On the Home menu, select “Tools” followed by “File Manager.”



Select “Internal Memory” or “Memory Stick,” highlight a file or a folder, and then select the desired operation from “Copy,” “Move,” “Delete,” or “Open.” When you highlight a file, selecting “Open” launches the application associated with the file format determined by the file name extension.

### Notes

- You cannot open a file which is not associated with an application on this unit.
- Music files which are transferred by Skype or Yahoo! Messenger or downloaded using the Web browser might not be displayed in Music application. In this case, exit the Music application and start again.

### Hint

- When you open a mylo Widget file, the Widget Installer starts the installation of the mylo Widget (☞ page 36).

### To rename a file or create a folder

From the OPTION menu, select the function you want to perform.

### Note

- You cannot change file extensions on this unit.

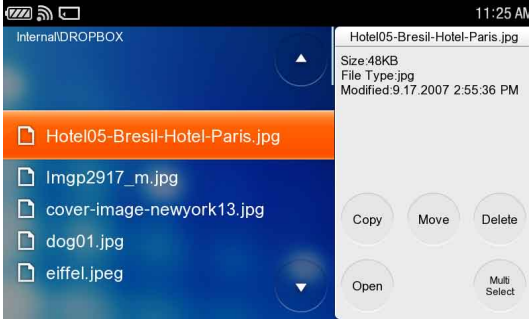
### To select multiple files or folders

Select “Multi Select” and check the desired files or folders, then select the desired operation from “Copy,” “Move,” or “Delete.”

## Drop Box - Downloaded File Storage

To check downloaded and transferred files, select “Tools” on the Home menu and then select “Drop Box.”

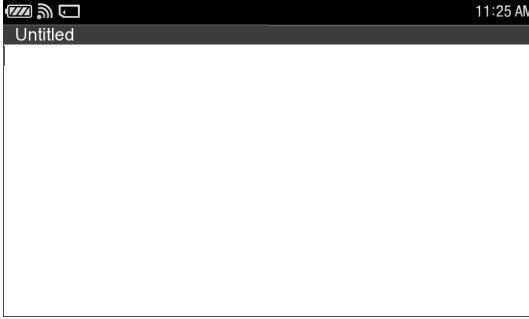
To manage the files in the “Drop Box,” see “File Manager” (📁 page 143).



## Text Editor - Creating/Displaying text files

### Creating a New Text File

On the Home menu, select “Tools” followed by “Text Editor” and then “New.”



After editing the text, select “Save” or “Save As” from the OPTION menu to save the file.

### Transferring Text Files from Your Computer

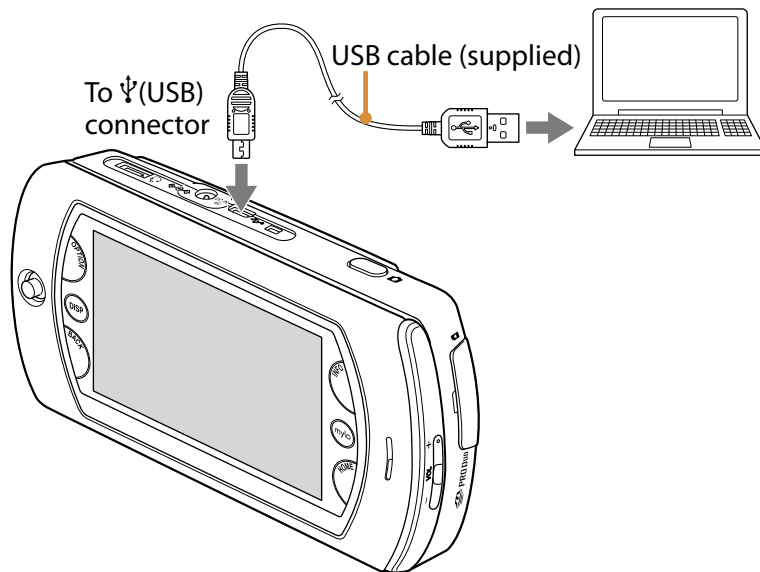
#### Switching the USB mode

Select “Tools” from the Home menu, and then select “Settings,” followed by the “USB Mode.”

After that, select “MSC.”

## Connecting the unit to a computer

Connect the unit to the computer with the supplied USB cable.



While the unit is connected to the computer, a screen showing the USB connection mode appears.

After the transfer finishes, make sure the unit does not display “Do Not Disconnect,” and then use the safely remove hardware function of the computer before disconnecting the USB cable from the unit and computer.

### Notes

- While the unit is connected to the computer, operations on the unit do not work.
- Do not disconnect the USB cable while text files are being transferred.
- Do not take out the batteries while the unit is connected to a computer via the USB cable. Doing so may damage data stored on the unit.
- Connecting the unit via a USB hub may not work and is not supported. Connect the USB cable directly to the computer.

## Using Windows Explorer (Drag and drop)

Transfer text files (.txt) by dragging and dropping them to the unit in Windows Explorer.

To transfer text files, start Windows Explorer, then drag and drop files to the “DOCUMENT” folder that appears on the top level of mylo’s file system.

### Hint

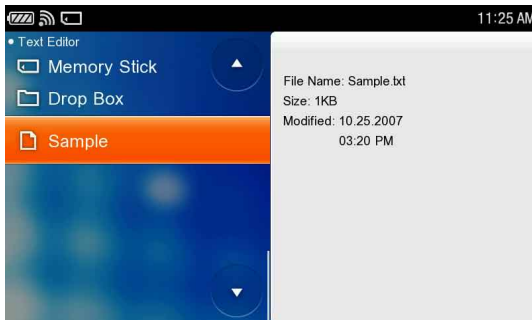
- Both the internal memory and “Memory Stick Duo” (if one is inserted into the unit) appear separately as removable disks when the unit’s USB mode is set to “MSC.”

### Notes

- When transferring text files to a “Memory Stick Duo,” create a folder named “DOCUMENT” under the “Memory Stick Duo” top level folder using Windows Explorer before dragging and dropping.
- The unit can open files with file name extension “.txt” as text files.

## Opening a Text File

On the Home menu, select “Tools” followed by “Text Editor” and then select the desired text file.



When you select a text file, its content is displayed.

### Hints

- If the contents are unreadable such as with garbled letters, select “Text Encoding” from the OPTION menu and select another text encoding type.
- “Text Encoding” cannot be changed after text editing is started.

### Displaying text files transferred from other users (Drop Box)

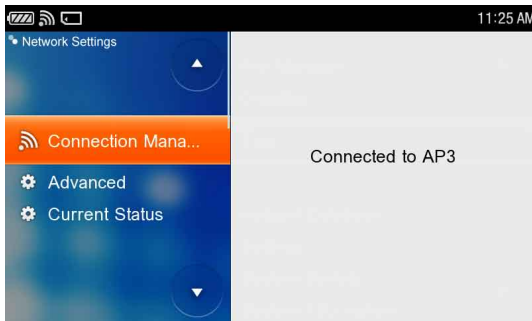
The DROPBOX folder contains text files received from other users via the File Transfer feature of Skype or Yahoo! Messenger and via the download feature of the Web browser.

To display a text file in the DROPBOX folder, select “Drop Box” from the text file list.

If you select desired text file, its content is displayed.

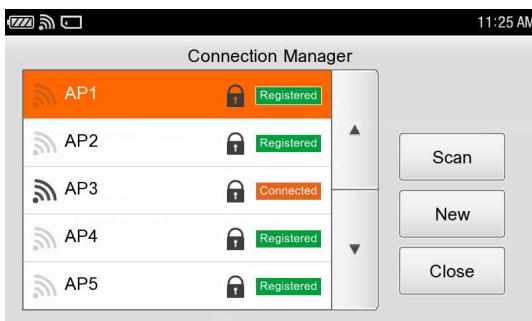
## Network Settings - Changing the Settings of the Wireless Network

On the Home menu, select “Tools” followed by “Network Settings,” and then select the desired item.



Item	Options
Connection Manager	When highlighted, the Display Name of the wireless network currently connected appears on the right pane. When selected, the Connection Manager screen appears (☞ below).
Advanced	<ul style="list-style-type: none"> <li>• Power Saving Mode : When checked, the unit consumes less power.</li> </ul>
Current Status	<p>The Display Name of the wireless network currently connected is displayed.</p> <ul style="list-style-type: none"> <li>• Encryption Type : Displays the encryption type of the wireless network connected.</li> <li>• IP Address : Displays the IP address, DNS address, and Gateway address of the wireless network connected.</li> <li>• MAC Address : The MAC Address of the unit is displayed.</li> </ul>

### Connection Manager screen



#### Hint

- You can display the Connection Manager screen also by selecting “Connection Manager” from the INFO panel.



Item/Button	Setting options/Operations
Scan	Searches for available wireless networks.
New	For create a new wireless setting.
Close	Closes the Connection Manager screen.

To set a wireless network, there are 3 methods.

- ① To set “Unknown” on the screen as a registered wireless network, tap it, and the Network Settings screen appears. Input necessary information.

**Note**

- When you select a wireless network, the unit applies WEP/WPA setting of the wireless network automatically. But only when the wireless network is WEP (Shared Key), the unit cannot discriminate the type. Change the setting manually in this case.

- ② To change settings for a wireless network, highlight the Display Name using the Operation key, and then select “Edit” from the OPTION menu. After that, set the following options, and tap “Save.”

**Notes**

- If you tap the registered wireless network, the unit only switches the connection to it. Use the Operation key to select an item to change.
- When the setting of the WEP/WPA is “Do Not Use,” the Network Settings screen will not be displayed. The unit starts connecting to the network immediately.

- ③ To set a wireless network that is not listed on the screen, select “New” and input necessary information.

To change settings for a wireless network, highlight the Display Name, and then select “Edit” from the OPTION menu.

After that, set the following options.

The screenshot shows the 'Network Settings' interface. At the top, there are icons for signal strength, Wi-Fi, and battery, along with the time '11:25 AM'. The main area contains several input fields and buttons:
 

- Display Name:** A text box containing 'AP1'.
- SSID:** A text box containing 'AP1'.
- WEP/WPA:** A dropdown menu currently set to 'Do Not Use'.
- Key:** A text box for entering a key, with a 'Hidden' checkbox to its right.
- IP Address:** A button to the right of the Display Name field.
- Proxy:** A button to the right of the WEP/WPA dropdown.
- Auto Login:** A button to the right of the Key field.
- Save:** A button at the bottom left, highlighted with a red border.
- Cancel:** A button at the bottom right.

Item	Options
Display Name	Changes the name on the wireless network list.
SSID	Changes the unique identifier for a wireless network.
WEP/WPA	You can select the security method from the following : <Do Not Use/WEP/WEP (Shared Key)/WPA-PSK (TKIP)/ WPA-PSK (AES)>

Item	Options
Hidden	When checked, the unit tries to connect to a wireless network whose SSID is not broadcasted.
Key	For input of the encrypted security key.
IP Address	<ul style="list-style-type: none"> <li>Specify IP Address : When checked, the unit uses the registered IP address, subnet mask and default gateway. When unchecked, the unit uses DHCP.</li> <li>DNS : When checked, the unit uses the registered primary DNS and secondary DNS. When unchecked, the unit uses the DNS provided by DHCP.</li> </ul>
Proxy	<ul style="list-style-type: none"> <li>Use Proxy : When checked, the unit uses the registered IP Address (or Host name) and the port number for the proxy.</li> </ul>
Auto Login	<ul style="list-style-type: none"> <li>Auto Login : When checked, the settings such as a User Name or Password input is available. This item is available only for partner network providers (☞ page 160, 161).</li> </ul>

## Changing the pre-arranged order of the Auto wireless network connection

The unit tries to connect to a registered wireless network in the priority of displayed order (from the top listed item).

To change the wireless network priority, select “Tools” on the Home menu and then “Network Settings” followed by “Connection Manager.”

Highlight a Network and select “Move Up” or “Move Down” from the OPTION menu.

### Hint

- You can display the Connection Manager screen also by selecting “Connection Manager” from the INFO panel.

## Hotspot Database - Searching the Hotspot Database

On the Home Menu, select “Tools” and then “Hotspot Database.” Follow the screen instructions when the Hotspot Database is opened with the Web browser.



Select “Country,” “State/Province,” and “City” from the pull-down menus, and then select “Find Hotspots.”

A list of hotspots in the area appears.


### Hint

- Hotspots can be found by Zip code. On the list of hotspots in the area, select “Find” from the OPTION menu and input Zip code.

## Updating the Hotspot Database

Access the following URL using your computer, and download the installer of the most recent database.

<http://www.sony.com/mylo>

Set the USB mode of the unit to “MSC” ( page 152), connect the unit to the computer using the USB cable (supplied), and then double click the downloaded installer.

The database is installed in the \TOOLS\HOTSPOTDB folder in the internal memory.

While the unit is connected to the computer, a screen showing the USB connection mode appears.

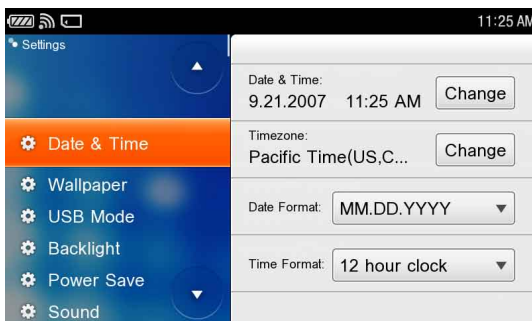
After the transfer finishes, make sure the unit does not display “Do Not Disconnect,” and then use the safely remove hardware function of the computer before disconnecting the USB cable from the unit and computer.

### Notes

- While the unit is connected to the computer, controls on the unit do not work.
- Do not disconnect the USB cable while files are being transferred.
- Do not take out the batteries while the unit is connected to a computer via the USB cable. Doing so may damage data stored on the unit.
- Connecting the unit via a USB hub may not work and is not supported. Connect the USB cable directly to the computer.

## Settings - Changing the settings

On the Home menu, select “Tools” followed by “Settings,” and then select the desired items.

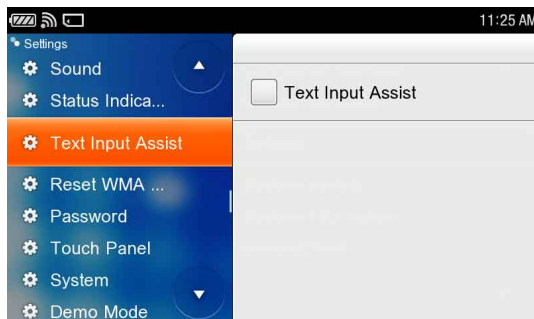


Item	Options
Date & Time	<ul style="list-style-type: none"> <li>• Date &amp; Time : Sets the date and time.</li> <li>• Timezone : Sets your time zone. When you put a checkmark on “Daylight Saving,” the time gains an hour.</li> <li>• Date Format : Sets the date format. &lt;YYYY.MM.DD/MM.DD.YYYY/DD.MM.YYYY&gt;</li> <li>• Time Format : Switches time format. &lt;12 hour clock/24 hour clock&gt;</li> </ul>
Wallpaper	Sets a wallpaper from preset files or registered photos.
USB Mode	Sets the USB mode. <MSC(Mass Storage Class)/MTP(Media Transfer Protocol)>
Backlight	<ul style="list-style-type: none"> <li>• Brightness (AC) : Sets the contrast of the display when using with the AC adapter, from 1 (darkest) to 5 (brightest).</li> <li>• Brightness (Battery) : Sets the contrast of the display when using with the battery from 1 (darkest) to 5 (brightest).</li> <li>• Keyboard Backlight : When checked, the Keyboard Backlight turns on automatically when the surrounding environment is dark or dim.</li> </ul>
Power Save	<ul style="list-style-type: none"> <li>• Auto Backlight Off : When checked, the backlight automatically darkens after 2 minutes of the last user operation, and goes off 2 minutes later. The backlight does not turn off during the AC adapter being connected.</li> <li>• Auto Power Off : Automatically turns off the unit at the set time after the last operation, except for conditional settings. &lt;Disable/5 minutes/10 minutes/15 minutes&gt; When you put a checkmark on “Disable Auto Power Off feature when signed into IM application(s)” the unit does not turn off while signing in to the Communication applications, such as AIM. When you put a checkmark on “Disable Auto Power Off feature when AC adapter is connected.” the unit does not turn off while connected to the AC adapter.</li> </ul>

Item	Options
Sound	<ul style="list-style-type: none"> <li>• Key Sound : When checked, a beep sounds when you operate the unit. Please note that even when unchecked, the camera shutter sound will still be played when a picture is taken.</li> <li>• AVLS (Volume Limit) : When checked, the maximum audio playback volume is limited to protect your hearing. (AVLS : Automatic Volume Limiter System.)</li> </ul>
Status Indicator	<ul style="list-style-type: none"> <li>• Status Indicator : When checked, the status indicator on the unit lights up.</li> </ul>
Text Input Assist (☞ page 154)	<ul style="list-style-type: none"> <li>• Text Input Assist : When checked, candidate words are displayed in the bottom of the text entry screen as you enter characters.</li> </ul>
Reset WMA Rights	<ul style="list-style-type: none"> <li>• Reset : Resets copyright information for copy-protected WMA files. (Use when you cannot play WMA files. After resetting, you need to transfer the files again.)</li> </ul>
Password (☞ page 154)	<ul style="list-style-type: none"> <li>• Password Lock : When checked, your 4-digit password must be input whenever you turn on the power.</li> <li>• Change Password : You can change the password.</li> </ul>
Touch Panel	<ul style="list-style-type: none"> <li>• Calibrate : Calibrates the touch panel using the supplied stylus. Follow the screen instructions.</li> </ul>
System (☞ page 155)	<ul style="list-style-type: none"> <li>• Backup Settings : Backs up such as the current system settings, the input assist dictionary, and mylo Widgets that are installed on the unit (☞ page 155).</li> <li>• Restore Settings : Reloads the data of “Backup Settings” (i.e. most recently saved system settings, the input assist dictionary, and mylo Widgets).</li> <li>• Reset Settings : Reset the settings on your mylo to its original factory settings, except the password for Password Lock function and the settings for mylo Widget (☞ page 156).</li> <li>• Format Storage : Initializes the internal memory. All data stored in the unit are erased.</li> </ul> <p><b>Note</b></p> <ul style="list-style-type: none"> <li>• Backing up settings and content data before Reset Settings or Format Storage is highly recommended (☞ page 155).</li> </ul>
Demo Mode	<ul style="list-style-type: none"> <li>• Demo Mode : When checked, the unit enters the Demo mode. (The unit closes all active applications 1 minute after the last operation, and starts playing the demonstration video file.)</li> </ul>

## Using text input assist

On the Home menu, select “Tools” followed by “Settings,” and then select “Text Input Assist.”



When you put a checkmark by this function, candidate words based on the input letters are listed at the bottom of the screen.

To select a word, press ▲/▼ key and “Enter” key on the keyboard or tap the word on the screen.

## Protecting the unit using a password

You can set a password to lock the unit in case of loss or theft.

If you forget the password, the unit cannot be unlocked and used.

Be sure to keep a memo of your password in a secure place away from the unit.

### To activate the password

On the Home menu, select “Tools” followed by “Settings,” and then select “Password.”



When you put a checkmark in the “Password Lock” checkbox, 4-digit password input is required every time when the unit is turned on.



### Note

- When you charge the battery via the USB cable (supplied), input the password and unlock the unit. Otherwise, charging will not start.

### To register/change the password

On the Home menu, select “Tools” followed by “Settings,” and then select “Password.”

Select “Change Password,” to register or change the password.

### In case you forget the password

“Master Reset” should be performed to clear the password (🔧 page 177).

## Backing up the settings or content data in this unit

### To back up the settings

On the Home menu, select “Tools” followed by “Settings,” and then select “System.”

Select “Backup Settings” to start backing up.

### 💡 Hints

- The settings data are backed up in the following folders and file names.  
Internal memory : \BACKUP\backup.mylob  
Memory Stick : \MYLO\BACKUP\backup.mylob
- This operation can back up the current system settings except for the password for Password Lock, the input assist dictionary, mylo Widgets that are installed on the unit, the Wallpaper photo, ID/Password and My Picture used with the Communication applications, such as AIM, Cookies and Bookmarks and saved Password used with the Web browser, Connection Manager Settings included Security Key information. To back up other data, such as music files, see 🛠 page 156.

Transfer data by copying or moving the backup file (backup.mylob) to a computer or storage media, for your data safekeeping.

## To back up the content files

To back up the content data, such as music or video files, copy the files to a computer using Windows Explorer (drag & drop), after connecting the USB cable.

### Notes

- You cannot copy music or video files properly, if the file is protected by copyright protection technology and duplications are prohibited.
- Transfer back files protected by copyright protection technology to your PC, using the file transfer software you use, such as SonicStage.

## To restore the settings

On the Home menu, select “Tools” followed by “Settings,” and then select “System.”

Select “Restore Settings” to start restoring.

## To reset the settings

On the Home menu, select “Tools” followed by “Settings,” and then select “System.”

Select “Reset Settings” to reset the settings on your mylo to its original factory settings, except the password for Password Lock function and the settings for mylo Widget.

### Notes

- Note that the input assist dictionary is erased when “Reset Settings” is executed. However, content files, such as music files, will not be erased by this operation. To Delete them, use “Format Storage” (☞ below).
- Note that the input assist dictionary, the Wallpaper photo, ID/Password and My Picture used with the Communication applications, such as AIM, Cookies and Bookmarks and saved Password used with the Web browser, Conneciton Manager Settings included Security Key information will be erased.
- To erase the password of the Password Lock on this unit, use Master Reset (☞ page 177).
- The mylo Widgets cannot be erased by this operation, but the account information saved in My Contact Widget will be erased. To change the settings of the mylo Widgets, select “Widget Setting Mode” of the mylo Screen.
- To erase the mylo Widget, select “Uninstall” on the “Widget Installer” (☞ page 37).



### Hint

- The mylo Widget installation files supplied in the unit at the time of purchase are on the supplied CD-ROM.

## To format the internal storage

On the Home menu, select “Tools” followed by “Settings,” and then select “System.”

Select “Format Storage” to format the internal storage.

### Note

- All data saved in the internal memory (including music, photo, video, text and Hotspot Database files) will be erased.



### Hint

- Sample data and Hotspot Database files supplied with the unit at time of purchase are on the supplied CD-ROM.



## System Update - Updating the software

Access the following URL using your computer, and download the most recent system software.

<http://www.sony.com/mylo/support>

Set the USB mode of the unit to “MSC” (☞ page 152), connect the unit to the computer using the USB cable (supplied), and move the downloaded system software file to the top level folder of the internal memory.

While the unit is connected to the computer, a screen showing the USB connection mode appears.

After the transfer finishes, make sure the unit does not display “Do Not Disconnect,” and then use the safely remove hardware function of the computer before disconnecting the USB cable from the unit and computer.

On the Home Menu, select “Tools” and then “System Update.”

Follow the on-screen instructions to update.

### Hints

- Check for software updates regularly by accessing the URL stated above to maintain high security and functional improvements.
- If the update is not completed successfully, consult the Customer Information Service Center (☞ page 177).
- You can update system software by storing the update file into the top level folder of a “Memory Stick Duo.”
- You can erase the update file when the update is completed successfully.

### Note

- Do not turn off the power of the unit while updating the system. Do not take out “Memory Stick Duo” while using it for updating the system. If these are occurred by design or by accident could cause a malfunction of the unit.

## System Information - Displaying the system information

On the Home Menu, select “Tools” and then “System Information.”



The MAC Address and the software version of the unit is displayed.

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## Auto Login Guide

### Wayport® Auto Login Guide

#### Wayport® Auto Login Overview

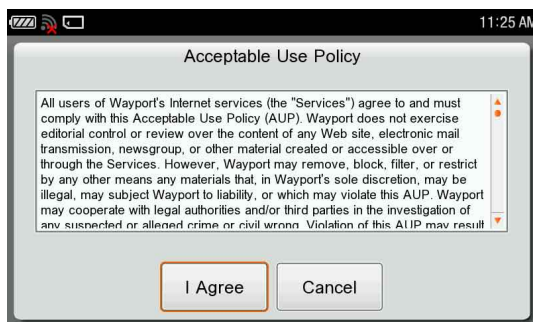
To use the Wayport® Auto Login feature on the unit, you do not need to have a subscription to the Wayport® service. For more information on this service, please visit <http://www.sony.com/mylo> and go to the Partners Page to view Wayport®.

#### Registering to use the Wayport® service

Once at a Wayport® location, follow the instructions provided in “Wireless Network Connection” (☞ page 30) to register the “Wayport\_Access” wireless network with your mylo. As part of registering the network, the Auto Login feature for this network is enabled by default.

#### Using the Wayport® service

Your mylo will automatically try to connect to the Wayport® service if the wireless network is detected. After your mylo is connected to the network, the Auto Login feature will display the following Wayport® Acceptable Use Policy screen:



To check the latest Wayport® Acceptable Use Policy, please visit the following Web site.

<http://wayport.net/AUP.aspx>

Select “I Agree” to continue with Auto Login or select “Cancel” to end it. If “Cancel” is selected, you will either need to log in via the Web browser to use this network or connect to the network again to try Auto Login again.

Auto Login is complete when a screen with welcome message is displayed. Now you are connected to Internet.

If Auto Login is not successful, you should follow the on-screen directions to resolve it.

### Hints


- The Wayport® Acceptable Use Policy screen will not be displayed again if “I Agree” is selected.
- The Wayport® Acceptable Use Policy screen will be displayed again if you delete the registration for the “Wayport\_Access” wireless network and then register it again.
- If the Auto Login feature is not enabled for this wireless network, you must login via the Web browser to use the network.
- For details about the Wayport® service, visit: <http://www.sony.com/mylo>
- If you would like to use Wayport® service without Auto Login function, you can disable Auto Login by selecting “Auto Login” button on the Edit Network Settings screen for “Wayport\_Access,” where you can uncheck the “Use Auto Login” field.

## T-Mobile® HotSpot Auto Login Guide

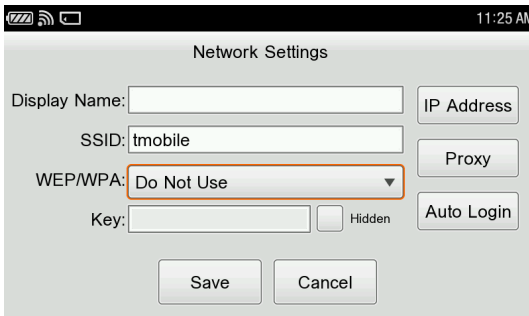
### T-Mobile® HotSpot Auto Login Overview

To use the T-Mobile® HotSpot Auto Login feature on your mylo, you must first have a subscription to the T-Mobile® HotSpot service. For more information on this service or how to sign-up, please visit <http://www.sony.com/mylo> and go to the Partners Page to view T-Mobile®.

### Registering to use the T-Mobile® HotSpot service

Once at a T-Mobile® HotSpot location, follow the instructions provided in “Wireless Network Connection” ( page 30) to register the “tmobile” wireless network with your mylo. As part of registering the network, enable the Auto Login feature by performing the following:

Select “New” of “Connection Manager” and then select the “Auto Login” button. Input “tmobile” to SSID, and press “Enter” on the keyboard.



The screenshot shows the "Network Settings" screen on a mobile device. The top status bar displays the time as 11:25 AM. The screen contains the following elements:

- Display Name:** An empty text input field.
- IP Address:** A button located to the right of the Display Name field.
- SSID:** A text input field containing the value "tmobile".
- Proxy:** A button located to the right of the SSID field.
- WEP/WPA:** A dropdown menu currently set to "Do Not Use".
- Key:** A text input field with a "Hidden" checkbox to its right.
- Auto Login:** A button located to the right of the Key field.
- Save:** A button at the bottom left.
- Cancel:** A button at the bottom center.

This displays the following T-Mobile® HotSpot screen, where you can select the “Auto Login” field and subsequently enter you User Name and Password for the T-Mobile® HotSpot service.

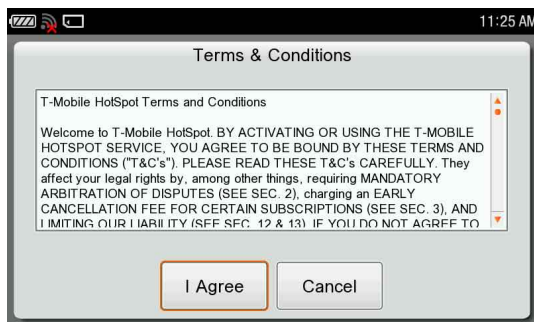


To disable Auto Login, you must uncheck the “Auto Login” field.

Select the “OK” button to save these settings and close the screen, then select the “Save” or “Connect” button on the next screen to finish registering this wireless network. You are now ready to start using the T-Mobile® HotSpot service.

### Using the T-Mobile® HotSpot service

Your mylo will automatically try to connect to the T-Mobile® HotSpot service if the wireless network is detected. After your mylo is connected to the network, the Auto Login feature, if enabled, will display the T-Mobile® HotSpot Terms and Conditions screen.



To check the latest T-Mobile® HotSpot Terms of Use, please visit the following Web site.

<http://selfcare.hotspot.t-mobile.com/terms.do>

Select “I Agree” to continue with Auto Login or select “Cancel” to end it. If “Cancel” is selected, you will either need to login via the Web browser to use this network or connect to the network again to try Auto Login again.

Auto Login is complete when a screen with welcome message is displayed. Now you are connected to Internet.

If Auto Login is not successful, you should follow the on-screen directions to resolve it.

 **Hints**

- The T-Mobile® HotSpot Terms & Conditions screen will not be displayed again if “I Agree” is selected.
- The T-Mobile® HotSpot Terms & Conditions screen will be displayed again if you delete the registration for the “tmobile” wireless network and then register it again.
- If the Auto Login feature is not enabled for this wireless network, you must login via the Web browser to use the network.
- For details about the T-Mobile® HotSpot service, visit the following Web site.  
<http://www.sony.com/mylo>

## Task Manager

If not enough memory is available to start an application or an application function is not available due to some error, the “Task Manager” may be started instead.



Before resuming execution of the selected application or function, use the “Task Manager” to mark at least 1 item and select “End.” This will end the unnecessary running applications.

### Notes

- It may be required to end more than one running applications, depending on the free memory status.
- The function of “Task Manager” is to terminate running applications only, and it does not resume and open the new application. Select the application again to start new application you want to use.
- The memory size shown with each item is an approximate estimate. Even when several applications are ended, free memory is not guaranteed to increase by the amount of memory freed up by ended applications.



## Troubleshooting

If the unit does not function as expected, try the following steps to resolve the issue.

### 1 Check the unit's symptoms in the troubleshooting tables below.

Check also for information about the issue in the help of the software used to transfer files.

### 2 Check for about the issue on the support Web site.

Visit: <http://www.sony.com/mylo/support>

### 3 If you are still unable to resolve the issue, consult the Customer Information Service Center.

#### Power

Symptom	Cause or corrective action
The unit will not turn on.	<ul style="list-style-type: none"> <li>→ Make sure the rechargeable battery is inserted correctly (☞ page 8).</li> <li>→ The battery is not charged. Charge the battery by connecting the AC adapter.</li> <li>→ Press the RESET button using the stylus to reboot the unit (☞ page 15).</li> </ul>
The rechargeable battery will not charge. The rechargeable battery cannot be fully charged.	<ul style="list-style-type: none"> <li>→ Make sure the AC adapter is correctly connected to both the unit and a wall outlet.</li> <li>→ The unit continues to output sound by the loudspeaker. Stop music or video playback, or connect the headphones.</li> <li>→ Charging may take a long time if you operate the unit while it is charging. Stop using and turn off the unit.</li> <li>→ The battery may have reached the end of its useful life. Replace it with a new one. To get a new battery, call 1-800-488-SONY (7669).</li> <li>→ You attempted to charge the power using the USB cable without clearing the password lock. Input the password and clear the lock.</li> <li>→ Charge the battery at the recommended temperature (☞ page 9, 10).</li> </ul>
Battery life is short.	<ul style="list-style-type: none"> <li>→ The battery may have reached the end of its useful life. Replace it with a new one. To get a new battery, call 1-800-488-SONY (7669).</li> <li>→ Check Power Save functions are effectively used. Put a checkmark on "Auto Backlight Off" or select "Auto Power Off" to save the battery consumption (☞ page 152).</li> <li>→ The surrounding temperature is too high or too low. Operate the unit at the recommended temperature (☞ page 9, 10).</li> <li>→ "Auto Power Off" function does not work on the "Date&amp;Time" setting screen after the RESET button is pressed. Finish the Initial Set-up after resetting the unit.</li> </ul>

Symptom	Cause or corrective action
The unit is not turned off by sliding the POWER/HOLD switch.	<ul style="list-style-type: none"> <li>→ Do not attempt to turn off the unit while the start-up screen is displayed. Turn off the unit after the start-up screen is finished.</li> <li>→ The unit is connected to a computer using the USB cable. Disconnect the USB cable.</li> <li>→ The system is still processing data. Wait a few minutes.</li> <li>→ Press the RESET button using the stylus to reboot the unit (☞ page 15).</li> <li>→ Remove the battery and disconnect the AC adapter or USB cable. Wait a few minutes, insert the battery, and then plug the AC adapter in before turning on the unit again.</li> </ul>
The unit turns off automatically.	<ul style="list-style-type: none"> <li>→ “Auto Power Off” is activated.</li> <li>→ The unit turns off when the rechargeable battery runs down. Charge the rechargeable battery (☞ page 9, 12).</li> </ul>

## Display

Symptom	Cause or corrective action
No screen is shown on the display.	→ “Auto Backlight Off” is activated. Press any button to turn on the backlight.
The display suddenly goes dark.	→ “Auto Backlight Off” is activated. Press any button to turn on the backlight.
The screen is frozen.	<ul style="list-style-type: none"> <li>→ The POWER/HOLD switch is set to “HOLD.” Release HOLD (☞ page 15).</li> <li>→ Slide the POWER/HOLD switch to the direction of the arrow until the POWER indicator goes out. After you turn off the power completely, turn it on again.</li> <li>→ Press the RESET button using the stylus to reboot the unit (☞ page 15).</li> <li>→ Remove the battery and disconnect the AC adapter or USB cable. Wait a few minutes, insert the battery, and then plug the AC adapter in before turning on the unit again.</li> </ul>

## Wireless network

Symptom	Cause or corrective action
The unit will not connect to a wireless network.	<ul style="list-style-type: none"> <li>→ WIRELESS LAN switch is set to OFF.</li> <li>→ Reconnect to a wireless network manually (☞ page 148).</li> <li>→ Check if extra settings are required to connect to the wireless network, such as security keys (WEP/WPA), fixed IP address, or proxy setting (☞ page 149).</li> <li>→ The access point you want to use is set to make its SSID invisible to users. In this case, the access point may not be shown on the wireless network access point list. Clear the invisible setting on the access point or put a checkmark on “Hidden” (☞ page 149).</li> <li>→ The access point of the wireless network may be using a security protection system not supported by this unit. Consult with the administrator of your network.</li> <li>→ Some wireless network may require the MAC Address of the unit to be registered with the network before the unit is allowed to connect. The unit’s MAC Address is available by viewing the “System Information” on the Tools menu. Connect again after the MAC Address has been authorized for use on the wireless network.</li> <li>→ If the network settings of your network equipment are not correct, adjust the settings as described in the manuals that came with the networking equipment and in any information provided by the administrator of your network (☞ page 149).</li> <li>→ “Power Saving Mode” is activated. Deactivate “Power Saving Mode” so that the unit stops limiting the power for the network connection (☞ page 152).</li> <li>→ The unit is too far from the wireless hotspot. Move the unit closer to the wireless hotspot.</li> <li>→ Obstacles such as walls metal, or concrete between the unit and wireless network may adversely affect the connection. Try moving the unit to a different location.</li> <li>→ If there is other equipment nearby using the 2.4 GHz frequency band (such as a cordless phone, a microwave oven, or Bluetooth computer equipment), move the equipment away or turn it off.</li> <li>→ The network service is temporarily not available or degraded. Check with the administrator of your network for the status.</li> </ul>
You are positioned within a wireless network and it is available, but the icon of the Connection Manager indicates no signal strength.	<ul style="list-style-type: none"> <li>→ Tap “Scan” of the “Connection Manager” screen. The network status is renewed at the time either when the “Connection Manager” screen is started or “Scan” is tapped.</li> </ul>

Symptom	Cause or corrective action
The unit is automatically connecting to a wireless network other than the one you want to connect to.	<ul style="list-style-type: none"> <li>→ The wireless network you want to connect to does not have priority on the connection list. Use “Connection Manager” to change the priority order (☞ page 148).</li> <li>→ The wireless network you want to connect to is not registered. Use “Connection Manager” to register the access points (☞ page 148).</li> <li>→ The access point you want to use is set to make its SSID invisible to users. Put a checkmark on “Hidden” (☞ page 149).</li> </ul>
Auto Login fails.	<ul style="list-style-type: none"> <li>→ Auto Login is not set or settings are wrong (☞ page 160, 161).</li> <li>→ The provider you want to connect is not compliant with the Auto Login function of this unit. For details about corresponding providers, visit: <a href="http://www.sony.com/mylo">http://www.sony.com/mylo</a></li> <li>→ The clock setting is wrong. Adjust the clock (☞ page 152).</li> </ul>
Certain applications cannot access the wireless network.	→ Some public/commercial hotspot providers may restrict a part of their services (such as TCP ports available). Change the port number mylo uses, or re-connect to another provider hotspot (☞ page 64, 84, 99, 109).

## mylo Widget

Symptom	Cause or corrective action
IDs cannot be added to My Contacts Widget.	<ul style="list-style-type: none"> <li>→ The contact you want to add is not registered with your contact list of the applicable Communication application (AIM, Skype, Yahoo! Messenger, or Google Talk).</li> <li>→ You are not currently signed in to the applicable Communication application (AIM, Skype, Yahoo! Messenger, or Google Talk). To add a user to My Contacts Widget, first sign in to the applicable Communication application (☞ page 57, 67, 87, 102).</li> <li>→ You are trying to assign 6 or more IDs for a box. You can assign up to 5 IDs per box.</li> </ul>
The mylo Widget is not displayed.	→ There is no mylo Widget on the mylo Screen. Add a mylo Widget on the screen (☞ page 33).
The mylo Widget performance is unstable.	<ul style="list-style-type: none"> <li>→ The quantity of mylo Widget related files in the internal memory is near the limit. Make more free space by taking 1 or more of the following actions: <ul style="list-style-type: none"> <li>• Delete the temporary cache data of mylo Widgets (☞ page 37).</li> <li>• Uninstall unnecessary mylo Widgets (☞ page 37).</li> </ul> </li> </ul>

## AIM

Symptom	Cause or corrective action
Your Buddies list does not display correctly.	→ A Screen Name that has 301 or more buddies on its buddies list is used. A Screen Name that has 301 or more buddies on its buddies list cannot be used in this unit. In this case it may take long time to display Buddies list.
The Signing In screen does not disappear.	→ It may take the unit some time to sign in to AIM under some network conditions.
The unit does not sign in to AIM automatically. The Sign In screen appears, even though you have selected "Remember Password" and "Auto Sign In" check boxes.	→ In some cases, the Sign In screen may appear, even when you have turned on the Auto Sign in feature.
Signing in failed.	<ul style="list-style-type: none"> <li>→ Proxy setting is wrong. Ask the network administrator or your Internet provider for the setting information.</li> <li>→ The unit is not connected to a wireless network. Confirm the network connection settings, including Auto Login.</li> </ul>
Cannot start AIM after adding Buddies.	→ The amount of memory required for the AIM application has become too large. End other running applications, or adjust the number of your buddies.

## Skype

Symptom	Cause or corrective action
Your Contacts list does not display correctly.	<ul style="list-style-type: none"> <li>→ A Skype Name that has 301 or more contacts on its contacts list is used. A Skype Name that has 301 or more contacts on its contacts list cannot be used in this unit. Use a Skype Name that has 300 or less contacts, or register for a new Skype Name account.</li> <li>→ You launched the Skype application for the first time. Sign out and sign in again.</li> </ul>
The Signing In screen does not disappear.	→ It may take the unit some time to sign in to Skype under some network conditions.
The unit does not sign in to Skype automatically. The Sign In screen appears, even though you have selected "Remember Password" and "Sign me in when Skype starts" check boxes.	→ In some cases, the Sign In screen may appear, even when you have turned on the Auto sign in feature.
The emoticons are not displayed properly.	→ Input a blank before emoticons.

Symptom	Cause or corrective action
Signing in failed.	<ul style="list-style-type: none"> <li>→ Proxy setting is wrong. Ask the network administrator or your Internet provider for the setting information.</li> <li>→ The unit is not connected to a wireless network. Confirm the network connection settings, including Auto Login.</li> </ul>
It is hard to hear another party on a call.	→ Depending on the network conditions, the speech quality may be deteriorated.
Cannot start Skype after adding Contacts.	→ The amount of memory required for the Skype application has become too large. End other running applications, or adjust the number of your Contacts.

## Yahoo! Messenger

Symptom	Cause or corrective action
Your Contacts list does not display correctly.	→ A Yahoo! ID that has 301 or more contacts on its contacts list is used. A Yahoo! ID that has 301 or more contacts on its contacts list cannot be used in this unit.
The Signing In screen does not disappear.	→ It may take the unit some time to sign in to Yahoo! Messenger under some network conditions.
The unit does not sign in to Yahoo! Messenger automatically. The Sign In screen appears, even though you have selected "Remember my ID and Password" and "Sign In Automatically" check boxes.	→ In some cases, the Sign In screen may appear, even when you have turned on the Auto sign in feature.
Signing in failed.	<ul style="list-style-type: none"> <li>→ Proxy setting is wrong. Ask the network administrator or your Internet provider for the setting information.</li> <li>→ The unit is not connected to a wireless network. Confirm the network connection settings, including Auto Login.</li> </ul>
Cannot start Yahoo! Messenger after adding Contacts.	→ The amount of memory required for the Yahoo! Messenger application has become too large. End other running applications, or adjust the number of your Contacts.

## Google Talk

Symptom	Cause or corrective action
Your Contacts list does not display correctly.	→ A Gmail account that has 301 or more contacts on its contacts list is used. A Gmail account that has 301 or more contacts on its contacts list cannot be used in this unit.

Symptom	Cause or corrective action
The Signing In screen does not disappear.	→ It may take the unit some time to sign in to Google Talk under some network conditions.
The unit does not sign in to Google Talk automatically. The Sign In screen appears, even though you have selected "Remember Password" and "Auto Sign In" check boxes.	→ In some cases, the Sign In screen may appear if required, even if you have turned on the auto sign in feature.
Signing in failed.	<ul style="list-style-type: none"> <li>→ Proxy setting is wrong. Ask the network administrator or your Internet provider for the setting information.</li> <li>→ The unit is not connected to a wireless network. Confirm the network connection settings, including Auto Login.</li> </ul>
Accessing to Gmail inbox fails.	→ The clock setting is wrong. Adjust the clock (🕒 page 152).
Cannot start Google Talk after adding Contacts.	→ The amount of memory required for the Google Talk application has become too large. End other running applications, or adjust the number of your Contacts.

## Web

Symptom	Cause or corrective action
A particular Web page is not displayed correctly.	<ul style="list-style-type: none"> <li>→ Because the range of standards and technologies used to design Web pages is so vast, it is not possible to guarantee that all pages will be displayed correctly.</li> <li>→ The clock setting is wrong. Adjust the clock (🕒 page 152).</li> <li>→ In some cases, adjusting the User Agent settings may enable a Web page to be displayed properly. Select "User Agent" in the "Settings" from the OPTION menu of the Web browser to adjust.</li> <li>→ JavaScript is disabled. The page may be displayed if you activate JavaScript.</li> <li>→ Flash Component is disabled. Put a checkmark on the "Enable Adobe Flash" after selecting the "Detail Settings" in the "Settings" from the OPTION menu of the Web browser.</li> </ul>
Cannot move link highlight using the Operation key.	→ The Operation key may not work, depending on the Web page or the scroll mode is set to "By Increment." Use the touch panel.
An update prompt screen for the Web browser is displayed.	→ An update prompt screen may appear depending on the Web page. Try to change the setting of "User Agent" under the "Settings" from the OPTION menu.
A particular Saved Web page is not displayed correctly.	→ It is not possible to guarantee that all pages will be displayed as it was displayed on line.

## RSS/Podcast

Symptom	Cause or corrective action
RSS Feeds are not renewed.	<p>→ The wireless network connection has been disconnected. Sync RSS Feeds after re-connecting to the wireless network.</p> <p>→ There is not enough free space in the internal memory. Delete unnecessary files (☞ pages 49 to 50, 52 to 53).</p>
Feeds can be retrieved, but contents fails to be downloaded.	<p>→ There is not enough free space in the internal memory. Make more free space by taking 1 or more of the following actions:</p> <ul style="list-style-type: none"> <li>• Increase the maximum limit of the “Sync Settings.”</li> <li>• Delete unnecessary downloaded contents using RSS/ Podcast (☞ page 49).</li> <li>• Delete unnecessary Feeds.</li> <li>• Delete unnecessary files in the internal memory using File Manager, etc.</li> <li>• Change the storage priority of the data saved. Prepare a “Memory Stick Duo” that has enough free space, and change the destination where the data are saved (Note that the saved data in the internal memory becomes invisible after the change.)</li> </ul>

## Music

Symptom	Cause or corrective action
Music cannot be played.	<p>→ Tracks with an expiration date or a limited number of playing times may not be playable on the unit.</p>
The unit does not recognize music data.	<p>→ Check that the music data are saved in the correct folder (☞ page 115).</p> <p>→ The audio format is not supported by this unit (☞ page 264).</p> <p>→ ATRAC format Audio files that were transferred to a “Memory Stick Duo” cannot be played on this unit.</p> <p>→ AV Database is not updated. When you saved music data by downloading from the Web browser or file transfer feature of the Skype/Yahoo! Messenger to the Drop Box or other folders accessible by the Music application, the data cannot be recognized by the Music application until the AV database is updated. Update the AV database by 1 or more of the following actions:</p> <ul style="list-style-type: none"> <li>• If the data are Podcast Music contents downloaded using “RSS/Podcast” application, select “Add to Music Player.” Close the “Music” application and launch again after that.</li> <li>• Press the RESET button using the stylus to reboot the unit (☞ page 15).</li> </ul>



Symptom	Cause or corrective action
The unit does not delete music data.	→ Music data transferred using SonicStage cannot be deleted on mylo. Use SonicStage after connecting to your computer.
The unit produces no sound or produces only noise.	<ul style="list-style-type: none"> <li>→ The volume level is set to zero. Turn up the volume (☞ page 14).</li> <li>→ The headset plug is not connected properly. Insert it firmly into the jack (☞ page 24).</li> <li>→ The headset plug is dirty. Clean the headset plug with a soft, dry cloth.</li> </ul>
WMA files will not play.	→ Copyright protected Audio files by Windows Media Player 9 cannot be played on the unit, even if they can be transferred to the unit.
The volume cannot be turned up.	→ “AVLS” is activated. Remove the checkmark to deactivate (☞ page 153).
Audio playback stops unexpectedly.	<ul style="list-style-type: none"> <li>→ The remaining battery power is insufficient to operate the unit. Charge the battery (☞ page 9, 12).</li> <li>→ If the unit encounters an audio file that is incompatible with the unit, playback stops (☞ page 264). Select another track.</li> </ul>
“□” is displayed as part of a title.	→ The title contains characters that the unit cannot display. Use a software program on your computer to rename the title with appropriate characters.

## Photo

Symptom	Cause or corrective action
It takes some time to display an image file.	→ It may take some time to display large image files.
A particular image cannot be displayed.	<ul style="list-style-type: none"> <li>→ Some large images may contain too much data to be displayed.</li> <li>→ The file extension is different from the photo file format.</li> <li>→ The file format is Progressive JPEG. Try to open on the edit screen and then save.</li> <li>→ There is a possibility that an image cannot be playback if it has been modified by a PC.</li> </ul>
The unit does not recognize an image file as an image file. / No files are listed.	<ul style="list-style-type: none"> <li>→ Check that the data are saved into the correct folder on the internal memory or the “Memory Stick Duo” (☞ page 123).</li> <li>→ If you change a file or a folder name, or move files/folders using a computer, the unit may fail to recognize them.</li> <li>→ The data format is not complaint with this unit (☞ page 264).</li> <li>→ The file name extension is different from the photo file format.</li> </ul>

Symptom	Cause or corrective action
A rotated image file is not saved properly.	→ If you rotate an image file without EXIF info in the view screen in Photo application, rotation editing is not saved. Open the file in the edit screen, then rotate and save.

## Video

Symptom	Cause or corrective action
It takes some time to start playback of a video file.	→ It may take some time to start playback of large video files.
Videos cannot be played.	→ The video format is not complaint with this unit (☞ page 264).
Playback pauses.	→ The video playback mode is set to “Mode A.” In this mode, when the unit reaches the end of a video file, playback pauses. Tap the BACK button to return to the video file list.
The unit does not recognize a video file as a video file.	<p>→ If you change a file or a folder name, or move files/folders using a computer, the unit may fail to recognize them.</p> <p>→ The video format is not complaint with this unit (☞ page 264).</p>
The unit started to play sample video while you were away shortly.	→ Deactivate the demonstration mode (☞ page 153).

## Camera

Symptom	Cause or corrective action
The color between the subject and photo on the display are different.	→ The color and brightness of photos seem different from the actual subject. Try adjusting exposure or white balance to match their impressions closer.
The shutter sound cannot be turned off.	<p>→ Even when you set the Key Sound off, the shutter sound cannot be disabled. Also the shutter sound volume cannot be turned down.</p> <p>→ Even when you are using the headset, the shutter sound is output by the loudspeaker. Also the shutter sound volume cannot be turned down.</p>

## Text Editor

Symptom	Cause or corrective action
Text file cannot be opened.	→ Check that the data are saved into the correct folder on the internal memory or the “Memory Stick Duo.”
There is a file with a strange name.	→ If “Text Editor” application is closed while there is a file being edited but not saved yet, the unit names and saves the file using numbers. Open the file to confirm, and delete the file if it is not necessary.

## Connection with the computer

Symptom	Cause or corrective action
The connecting screen is not displayed when the unit is connected to a computer with the USB cable.	<ul style="list-style-type: none"> <li>→ The USB cable is not connected properly. Check the connection of the USB cable.</li> <li>→ A USB hub is being used. Connecting the unit via a USB hub may not work and is not supported. Connect the USB cable directly to the computer.</li> <li>→ Another application running on the computer may be interfering with the connection to the unit. Disconnect the USB cable, wait a few minutes, and reconnect the cable. If the problem persists, disconnect the USB cable, restart the computer, and then reconnect the USB cable.</li> <li>→ The unit cannot recognize the computer. Disconnect the USB cable from the unit, and turn on the unit. After the Home menu appears, reconnect the USB cable.</li> </ul>
The unit is not recognized by the computer when connected to the computer.	<ul style="list-style-type: none"> <li>→ The USB cable is not connected properly. Disconnect the USB cable, and then reconnect it.</li> <li>→ A USB hub is being used. Connecting the unit via a USB hub may not work and is not supported. Connect the USB cable directly to the computer.</li> </ul>
The unit behaves erratically when it is connected to the computer.	<ul style="list-style-type: none"> <li>→ You are using a USB hub or USB extension cable. Connecting the unit via a USB hub or extension cable may not work and is not supported. Connect the supplied USB cable directly to the computer.</li> </ul>
Files cannot be transferred to the unit from your computer.	<ul style="list-style-type: none"> <li>→ The USB cable is not connected properly. Check the USB cable connection.</li> <li>→ There is not enough free space in the unit's memory. Transfer any unnecessary files back to your computer, or delete unnecessary files using your computer software to make space for the transfer.</li> <li>→ The USB mode is not correct. Select the appropriate USB mode for the software (☞ page 111, 122, 130, 145, 151, 152, 157).</li> </ul>
Only a small number of files can be transferred to the unit.	<ul style="list-style-type: none"> <li>→ There is not enough free space in the unit's memory. Transfer any unnecessary files back to your computer, or delete unnecessary files using your computer software to make space for the transfer.</li> </ul>
System suspend, sleep, or hibernation does not work on your computer.	<ul style="list-style-type: none"> <li>→ When your computer resumes from system suspend, sleep, or hibernation, communication between your unit and your computer may not recover at the same time. It is recommended that you adjust your computer's power options so that your computer does not automatically enter suspend, sleep, or hibernation.</li> </ul>
Cannot operate mylo with USB connection, even when you are not using the computer for a while.	<ul style="list-style-type: none"> <li>→ This is not the malfunction. To use mylo, disconnect the unit from the PC.</li> </ul>

Symptom	Cause or corrective action
The computer freezes when the power is turned on after connecting the unit. The computer displays "boot from CD" on the screen.	→ Be sure to connect the unit after turning on the power of the computer.

## Others

Symptom	Cause or corrective action
HOME button does not work.	→ A dialog window is displayed. Close the dialog window by selecting "OK," "Cancel," "Close," etc.
The unit does not function properly.	<p>→ Static electricity and other similar occurrences may affect the operation of the unit. Remove the battery pack and AC adapter, wait for a few minutes. Then turn on again.</p> <p>→ Press the RESET button using the stylus to reboot the unit (☞ page 15).</p>
The unit or AC adapter is warm.	→ During use, the unit or AC adapter may become warm. This is not a malfunction. If you find the AC adapter gets extremely warm, stop using the unit, and unplug the AC adapter from the power source.
The unit is turned on, but does not operate.	<p>→ None of the buttons or controls work while the start-up screen is displayed.</p> <p>→ Check that the POWER/HOLD switch is not set to "HOLD" (☞ page 15).</p> <p>→ Try sliding the POWER/HOLD switch and holding until the POWER indicator turns off. The unit will be completely turned off. Then turn on the unit again.</p> <p>→ Press the RESET button using the stylus to reboot the unit (☞ page 15).</p> <p>→ Remove the battery and remove the AC cord or USB cable. Wait a few minutes, insert the battery, and then plug the AC cord in before turning on the unit again.</p>
The keyboard does not work.	<p>→ Check that the POWER/HOLD switch is not set to "HOLD" (☞ page 15).</p> <p>→ Check that the modifier keys (the Fn key, the Num key, the Sym key and the Shift key) are not locked (☞ page 20).</p>

Symptom	Cause or corrective action
The touch panel does not function properly.	<ul style="list-style-type: none"> <li>→ The panel protection sheet or the privacy filter is not placed properly. Place it precisely again, if it is between the LCD screen and the frame, or over the frame. Please make sure no dust gets on the adhesive, and no air bubbles are formed. If you use other than the Sony Screen Protector (sold separately), it may interfere with the touch panel operation.</li> <li>→ Calibration of the touch panel was not processed properly. Press the RESET button using the stylus to reboot the unit (☞ page 15), and calibrate the panel again using the Operation key (☞ page 153).</li> <li>→ Check the POWER/HOLD switch is not set to “HOLD” (☞ page 15).</li> </ul>
When the buttons are pressed, there are no key sounds.	<ul style="list-style-type: none"> <li>→ Check that “Key Sound” is on (☞ page 153).</li> <li>→ Music or video file is playing back. In some cases, the unit stops to beep during music or video playback even if “Key Sound” is on.</li> </ul>
The date and time are reset.	<ul style="list-style-type: none"> <li>→ If the battery runs out, or if the battery pack is replaced, the unit’s date and time settings may be reset. Follow the on-screen instructions to set the date and time.</li> <li>→ The RESET button was pressed. Follow the on-screen instructions to set the date and time.</li> </ul>
File transferring or downloading failed.	<ul style="list-style-type: none"> <li>→ There is no free space in the internal memory. Make more free space by taking 1 or more of the following actions: <ul style="list-style-type: none"> <li>• Delete 1 or more files using the File Manager.</li> <li>• Connect the unit to a computer using the supplied USB cable, and delete files using the computer.</li> </ul> </li> </ul>
You forgot or lost the password for the unit.	<ul style="list-style-type: none"> <li>→ “Master Reset” should be performed. Press “Fn,” “Sym” and “BS” keys on the keyboard simultaneously for 5 seconds. Note that this operation restores all of the settings to factory default conditions, and all the files and folders in the internal memory, including mylo Widgets and the input assist dictionary, will be erased.</li> </ul>

**If you have any questions about this product:**

**Visit:**

<http://www.sony.com/mylo>

**Contact:**

Sony Customer Information Services Center at 1-866-420-7669

**Write:**

Sony Customer Information Services Center  
12451 Gateway Blvd., Ft. Myers, FL 33913

**For an accessory or part not available from your authorized dealer, call:**

1-800-488-SONY (7669)

## Precautions

### Do not use/store the unit in the following place

- In an extremely hot, cold or humid place. In places such as in a car parked in the sun, the unit body may become deformed and this may cause a malfunction.
- Under direct sunlight or near a heater. The unit body may become discolored or deformed, and this may cause a malfunction.
- In a location subject to rocking, vibration or instability
- Near strong magnetic place
- In sandy or dusty places  
Be careful not to let sand or dust get into the unit. This may cause the unit to malfunction, and in some cases this malfunction cannot be repaired.

### On Carrying

- Do not sit down in a chair or other place with the unit in the back pocket of your trousers or skirt, as this may cause malfunction or damage the unit.
- Do not grasp the strap to carry the unit around as it may cause the unit to hit against surrounding objects, resulting in damage to the unit.
- To protect the LCD display, put the unit in the supplied carrying pouch whenever carrying the unit.
  - The pouch is not waterproof.  
If the pouch gets wet, wipe off liquid.
  - Do not use benzine or thinner on the pouch.
- When carrying the unit in your hands, attach the supplied strap to the unit. Wear the strap on your wrist and hold the unit firmly not to drop the unit. Do not wear the supplied strap attached to the unit around your neck.
- Do not swing the unit by the attached strap.
- Do not look at the screen while walking.

### On the use

- Do not apply mechanical shock or drop the unit.
- Unplug the AC adapter from the AC outlet when not in use for a long time. To disconnect the AC adapter, pull it out by the plug. Never pull the cord itself.
- Be sure that nothing metallic comes into contact with the metal parts of this unit. If this happens, a short circuit may occur and the unit may be damaged.

- Do not operate the unit with a damaged cord or if the unit itself has been dropped or damaged.
- Use the AC adapter supplied with your unit or genuine Sony products. Do not use any other AC adapter as it may cause a malfunction.
- Replace the battery with the specified type only. Otherwise, fire or injury may result.
- Do not leave the stylus within the reach of small children. They might accidentally swallow it.
- Plug the AC adapter firmly into a wall outlet.

### On the LCD display

- Do not scratch the LCD display or exert pressure on it. This could cause a malfunction.
- Avoid rubbing the LCD display. This could damage the display. Use a soft, dry cloth to wipe the LCD display.
- Make sure to use only your fingers or the supplied stylus for touch panel operations. Use of any other sharp objects, such as a ball-point pen, may damage the touch panel surface.

### On the headphones

#### Road safety

Avoid listening with your headphones in situations where hearing must not be impaired.

#### Preventing hearing damage

Avoid using the headphones at a high volume. Hearing experts advise against continuous, loud and extended play. If you experience a ringing in your ears, reduce the volume or discontinue use.

#### Caring for others

Keep the volume at a moderate level. This will allow you to hear outside sounds and to be considerate to the people around you.

#### Warning

If there is lightning when you are using the unit, take off the headphones immediately.

## On cleaning

### Cleaning the LCD display

If fingerprints or dust make the LCD screen dirty, it is recommended you use a soft cloth to clean it.

When you use the LCD Cleaning Kit (not supplied), do not apply the cleaning liquid directly to the LCD screen. Use a cleaning cloth moistened with the liquid.

### Cleaning the camera lens

Wipe the camera lens with a soft cloth to remove fingerprints, dust, etc.

### Cleaning the unit surface

Clean the unit surface with a soft cloth slightly moistened with water, then wipe the surface with a dry cloth. Do not use the following as they may damage the finish or the casing.

- Chemical products such as thinner, benzene, alcohol, disposable cloths, insect repellent, sunscreen or insecticide, etc.
- Do not touch the unit with the above chemical products on your hand.
- Do not leave the unit in contact with rubber or vinyl for a long time.

## On operating temperatures

- Your Personal Communicator is designed for use within the temperature range of 41 to 95°F (5 to 35°C). Using in extremely cold or hot places that exceed this range is not recommended.
- The unit may heat up during use due to the operation of its internal circuitry. This is not a malfunction. The temperature of the unit varies, depending upon the operations it is performing. Do not hold the unit for a long time in such a case.

## On moisture condensation

In the unit is brought directly from a cold to a warm location, moisture may condense inside or outside the unit. This moisture condensation may cause a malfunction of the unit.

### If moisture condensation occurs

Turn off the unit and wait about an hour for the moisture to evaporate. Note that if you attempt to shoot with moisture remaining inside the camera lens, you will be unable to record clear images.



## On batteries

- Keep the battery pack dry.
- Do not drop the battery pack or place heavy objects on it. Do not apply strong pressure or physical shock to the battery pack. These actions may cause the battery pack or the Personal Communicator to malfunction.
- Due to the battery characteristics, even if it is not used after charging, the battery charge gradually depletes. Charge the battery again before use if it has not been used for a long time.
- Battery performance will gradually deteriorate due to frequency of charging, hours used, and idle periods when the battery is not used. Gradually the charge capacity of a rechargeable battery decreases. When the charge becomes significantly shorter, replace it with a new Sony specified battery.

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- The software provided with this unit cannot be used with equipment other than that which is so designated.
- Please note that, due to continued efforts to improve quality, the software specifications may be changed without notice.
- Operation of this unit with software other than that provided is not covered by the warranty.
- The explanations in this manual assume that you are familiar with the basic operations of Windows®.  
For details on the use of your computer and operating system, please refer to their respective manuals.

## On servicing

The following measures may be taken during the product service process. By submitting for product servicing, you agree to accept these measures.

- The system software may be updated.
- Protective or other stickers or seals that have been placed on the system by customers may be removed.
- The system settings may be changed.
- If service personnel change some parts during repair, these parts may be retained.

### NOTES

- The recorded contents (music, photo, video, text, web) are limited to private use only. Use of the contents beyond this limit requires permission of the copyright holders.
- Sony is not responsible for incomplete recording/downloading or damaged data due to problems of the unit or computer.
- Depending on the types of the text and characters, the text shown on the unit may not be displayed properly on device. This is due to:
  - The capacity of the connected unit.
  - The unit is not functioning normally.
  - The ID3 TAG information for the track is written in the language or the character that is not supported by the unit.

### About the customer support Web site

If you have any questions about or issue with this product, visit the following Web site.

Visit: <http://www.sony.com/mylo/support>

## On the "Memory Stick Duo"

### Types of "Memory Stick" that can be used (not supplied)

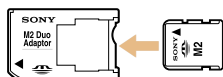
The IC recording medium used by this unit is a "Memory Stick Duo" and "Memory Stick Micro" ("M2"). "M2" is the abbreviated product name for a "Memory Stick Micro."

There are 3 types of "Memory Stick."

**"Memory Stick Duo": you can use a "Memory Stick Duo" with your unit.**



**"Memory Stick Micro": you can use a "Memory Stick Micro" by inserting it into an "M2" adaptor (not supplied).**



M2 Duo  
Adaptor

**"Memory Stick": you cannot use a "Memory Stick" with your unit.**



### Other memory cards cannot be used.

- For details on "Memory Stick Duo," see  page 184.
- For details on "Memory Stick Micro," see  page 185.

### When using a "Memory Stick Duo" with "Memory Stick" compatible equipment

You can use the "Memory Stick Duo" by inserting it into the Memory Stick Duo Adaptor (not supplied).



Memory Stick  
Duo Adaptor

A "Memory Stick Duo" is a compact, portable IC recording medium. The types of "Memory Stick Duo" that can be used with this unit are listed in the table below. However, proper operation cannot be guaranteed for all "Memory Stick Duo" functions.

"Memory Stick" type	Supported with unit
Memory Stick Duo (without MagicGate)	○ <sup>1)</sup>
Memory Stick Duo (with MagicGate)	○ <sup>2)</sup>
MagicGate Memory Stick Duo	○ <sup>1) 2)</sup>
Memory Stick PRO Duo	○ <sup>2)</sup>
Memory Stick PRO-HG Duo	○ <sup>2) 3)</sup>

<sup>1)</sup> High-speed data transfer using a parallel interface is not supported.

<sup>2)</sup> "Memory Stick Duo," "MagicGate Memory Stick Duo" and "Memory Stick PRO Duo" are equipped with MagicGate functions.

MagicGate is copyright protection technology that uses encryption technology. Data recording/playback that requires MagicGate functions cannot be performed with this unit.

<sup>3)</sup> This unit does not support 8-bit parallel data transfer. It performs the same 4-bit parallel data transfer as the "Memory Stick PRO Duo."

- This product is compatible with "Memory Stick Micro" ("M2"). "M2" is an abbreviation for "Memory Stick Micro."
- Data read/write speeds differ depending on the combination of the "Memory Stick Duo" and the equipment used.

### Notes on using a "Memory Stick Duo" (not supplied)

- Do not remove the "Memory Stick Duo" while reading or writing data.
- Data may be corrupted in the following cases:
  - When the "Memory Stick Duo" is removed or this unit is turned off during a read or write operation
  - When the "Memory Stick Duo" is used in locations subject to static electricity or electrical noise
- We recommend backing up important data.
- Do not press down hard when you write down on the memo area.
- Do not attach a label to the "Memory Stick Duo" itself.
- When you carry or store the "Memory Stick Duo," put it in the case supplied with it.
- Do not touch the terminal section of the "Memory Stick Duo" with your hand or a metal object.
- Do not strike, bend or drop the "Memory Stick Duo."
- Do not disassemble or modify the "Memory Stick Duo."
- Do not expose the "Memory Stick Duo" to water.
- Do not leave the "Memory Stick Duo" within the reach of small children. They might accidentally swallow it.

- Do not use or store the “Memory Stick Duo” under the following conditions:
  - High temperature locations such as the hot interior of a car parked in direct sunlight
  - Locations exposed to direct sunlight
  - Humid locations or locations with corrosive substances present

### **Notes on using the Memory Stick Duo Adaptor (not supplied)**

- To use a “Memory Stick Duo” with a “Memory Stick” compliant device, be sure to insert the “Memory Stick Duo” into a Memory Stick Duo Adaptor. If you insert a “Memory Stick Duo” into a “Memory Stick” compliant device without a Memory Stick Duo Adaptor, you might not be able to remove it from the device.
- When inserting a “Memory Stick Duo” into a Memory Stick Duo Adaptor, make sure the “Memory Stick Duo” is inserted facing in the correct direction, then insert it all the way in. Incorrect insertion may result in a malfunction.
- When using a “Memory Stick Duo” inserted into a Memory Stick Duo Adaptor with a “Memory Stick” compliant device, make sure that the Memory Stick Duo Adaptor is inserted facing the correct direction. Note that improper use may damage the equipment.
- Do not insert a Memory Stick Duo Adaptor into a “Memory Stick” compliant device without a “Memory Stick Duo” attached. Doing so may result in malfunction of the unit.
- Do not attach a label to a Memory Stick Duo Adaptor.

### **Notes on using a “Memory Stick PRO Duo” (not supplied)**

- Although operation check of this product has been performed with up to 8GB Sony branded “Memory Stick PRO Duo” media, please note that the operation is not guaranteed for every type of “Memory Stick.”
- To check the compatibility of “Memory Stick PRO Duo,” Visit:  
<http://www.sony.com/mylo/support>
- The size of a file to be recorded/played back is smaller than 4GB per file according to the specifications of the file system incorporated in “Memory Stick.”

### **Notes on using “Memory Stick Micro” (not supplied)**

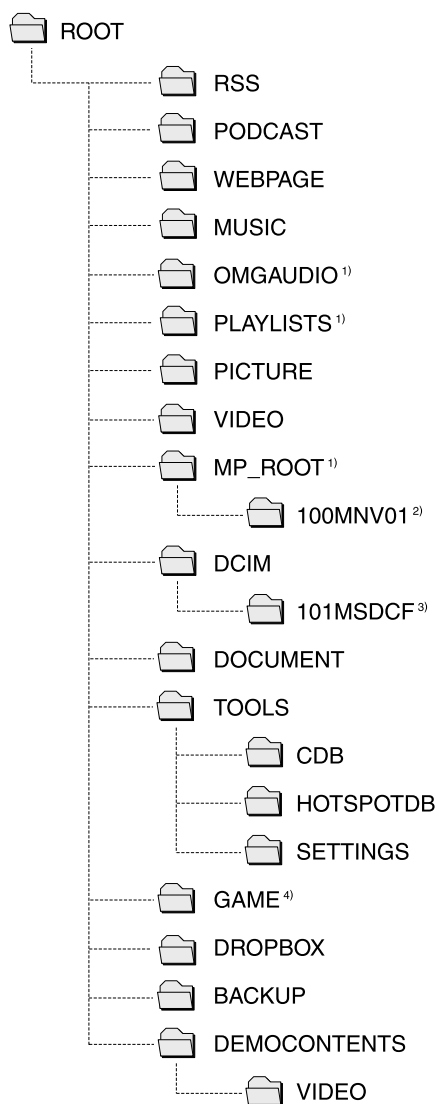
- To use a “Memory Stick Micro” with this unit, be sure to insert the “Memory Stick Micro” into a “Memory Stick Micro” size “M2” adaptor. If you insert a “Memory Stick Micro” into the unit without a “Memory Stick Micro” size “M2” adaptor, you might not be able to remove it from the unit.
- Do not leave the “Memory Stick Micro” or “M2” adaptor within the reach of small children. They might accidentally swallow it.

**To learn more about “Memory Stick,” visit:**

<http://www.sony.com/mylo/support>

## About the Folder Structure

### The folder structure of the internal memory



<sup>1)</sup> This folder does not exist at the factory shipment.

<sup>2)</sup> The folder name shown is an example. The folders are created and named according to the rules of the Memory Stick Video Format.

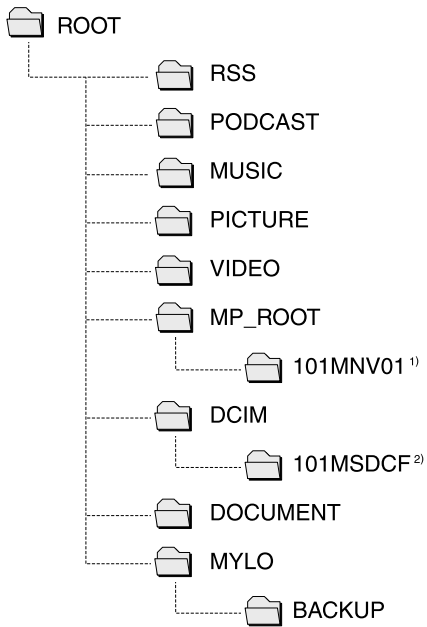
<sup>3)</sup> The folder name shown is an example.

<sup>4)</sup> When a Flash game that is supported by this unit is downloaded using the Web browser of this unit, the file are saved in this folder automatically.

#### Note


- There are data management folders other than those listed above.

## The folder structure of a “Memory Stick Duo”



- <sup>1)</sup> The folder name shown is an example. The folder is created and named according to the Memory Stick Video Format.
- <sup>2)</sup> The folder name shown is an example.

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Julian Seward, Cambridge, UK.  
jseward@acm.org  
bzip2/libbzip2 version 1.0.3 of 15 February 2005

- expat

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- libevent

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#### THE BASIC LIBRARY FUNCTIONS

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Written by: Philip Hazel  
Email local part: ph10  
Email domain: cam.ac.uk

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```
/* zlib.h -- interface of the 'zlib' general purpose compression library
   version 1.2.3, July 18th, 2005
```

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- ncurses

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-----

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```
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```

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```

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```
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lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
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lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c
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Glenn Randers-Pehrson  
glennrp at users.sourceforge.net  
November 6, 2007

- python
  - A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python’s principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes

2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4.1	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes

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- (2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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2. **OWNERSHIP AND LICENSE.** The Software is protected by copyright, intellectual property laws and by international treaties. We and our suppliers own all rights in the Software and we retain and reserve all rights not expressly granted to you. We offer you a personal, limited, non-exclusive and non-transferable license to install and use the Software on a single device for personal and internal business purposes during the term of this Agreement. This license does not entitle you to receive from us hard-copy documentation, support, telephone assistance, or enhancements or updates to the Software.
3. **RESTRICTIONS.** You may not: (a) modify or create any derivative works of the Software; (b) decompile, disassemble, reverse engineer, or otherwise attempt to derive the source code, underlying ideas, or algorithms of the Software; (c) try to obtain the communications protocols from the Software to gain unauthorized access AOL’s networks; (d) use the Software or any of its components to develop and/or redistribute software or services to access AOL services; (e) attempt to gain unauthorized access to AOL’s networks and computers; (f) resell, license or otherwise transfer rights to the Software; (g) remove or alter any trademark, logo, copyright or other proprietary notices, legends, symbols or labels in the Software; (h) interfere with any advertising or other functionality of the Software; (i) use the Software to damage, disable, overburden, or impair AOL’s networks, computers or services; (j) interfere with any other party’s use and enjoyment of AOL services; (k) use the Software in any way that violates this Agreement or any law; (l) use the Software in any way that violates the rights of any third party; (m) use the Software in any way to transmit, directly or indirectly, any unsolicited bulk communications (such e-mails, voice, photos, video, chat or SPIM instant messages); or (n) authorize or assist any third party to do any of the things described in this paragraph.
4. **CONTENT.** We are not responsible for the content that you may access through the Software and this Agreement should not be construed as granting any license to use such content.
5. **REGISTRATION.** You must register with AOL and obtain an authorized user ID and password (“User ID”) in order to use the instant messaging services associated with the

Software. You can register for a User ID by visiting [www.aol.com](http://www.aol.com) or [www.aim.com](http://www.aim.com). Your registration and use of your User ID are subject to separate terms and conditions, which you agree you will abide by when you access our services through the Software.

6. **YOUR REPRESENTATIONS.** By using the Software, you signify that you have adequate legal capacity to enter into this Agreement, that you will use the Software only for lawful purposes and that you will not violate the terms of this Agreement.

7. **AUTOMATED UPDATES.** We or one of our distributors may deliver to your device automated updates or patches to address issues such as security, interoperability, and performance (collectively "Updates"). You authorize us to deliver automatically any Update if we believe it is necessary to provide for the continued functionality of the Software. Your use of the Updates will be governed by this Agreement unless you are asked to agree to new or additional terms and conditions at the time of download or installation.

8. **PERFORMANCE AND USAGE INFORMATION.** The Software may report back information automatically relating to device errors and settings in connection with use of the Software, without notice to you, in order to help diagnose performance issues with, and improve, the Software. The Software may also provide us with information about use of Software features, which we would use in the aggregate to determine which Software features are most popular and useful to its users.

9. **THIRD PARTY OFFERINGS.** We make no representations or warranties, express or implied, regarding any third party applications or plug-ins that may be offered with the Software by our distributors. We have no obligation to fix errors, bugs or to provide enhancements to make the Software accessible through or compatible with these third party applications.

10. **TERMINATION.** We may terminate this Agreement immediately if you violate any term of this Agreement. In such event, you must uninstall the Software.

11. **INJUNCTIVE RELIEF.** You agree that your breach or threatened breach of this Agreement will cause us irreparable damage for which recovery of money damages would be inadequate and that we, therefore, may obtain timely injunctive relief to protect our rights under this Agreement in addition to any and all other remedies available to us at law or in equity.

12. **DISCLAIMER OF WARRANTY.**

WE LICENSE THE SOFTWARE "AS IS" AND WITH ALL FAULTS. YOU USE IT AT YOUR OWN RISK. WE AND OUR DISTRIBUTORS DISCLAIM ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, NON-INFRINGEMENT OR ACCURACY, UNLESS SUCH IMPLIED WARRANTIES ARE LEGALLY INCAPABLE OF EXCLUSION. WE DO NOT WARRANT THAT THIS SOFTWARE WILL MEET YOUR REQUIREMENTS OR OPERATE WITHOUT INTERRUPTION. IF ANY IMPLIED WARRANTY MAY NOT BE DISCLAIMED UNDER APPLICABLE LAW, THEN SUCH IMPLIED WARRANTY IS LIMITED TO 30 DAYS FROM THE DATE YOU ACQUIRED THE SOFTWARE FROM US OR OUR AUTHORIZED DISTRIBUTOR.

### 13. LIMITATION OF LIABILITY.

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT WILL WE, OUR PARENT, AFFILIATES, DIRECTORS, OFFICERS, EMPLOYEES, CONTRACTORS, , LICENSORS, SUPPLIERS, AGENTS OR DISTRIBUTORS (COLLECTIVELY, THE "AOL GROUP") BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES ARISING OUT OF OR IN ANY WAY RELATING TO THIS AGREEMENT OR THE USE OF OR INABILITY TO USE THE SOFTWARE, INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF GOODWILL, WORK STOPPAGE, LOST PROFITS, LOSS OF DATA, DEVICE FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, EVEN IF ADVISED OF THE POSSIBILITY THEREOF, AND REGARDLESS OF THE LEGAL OR EQUITABLE THEORY (CONTRACT, TORT OR OTHERWISE) UPON WHICH THE CLAIM IS BASED. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES, SO THIS EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.

**14. IMPORT/EXPORT CONTROL.** The Software is subject to export and import laws, regulations, rules and orders of the United States and foreign nations. You must comply with these laws that apply to the Software. You may not directly or indirectly export, re-export, transfer, or release the Software, any other commodities, software or technology received from us, or any direct product thereof, for any proscribed end-use, or to any proscribed country, entity or person (wherever located), without proper authorization from the U.S. and/or foreign government.

**15. HIGH RISK ACTIVITIES.** The Software is not fault-tolerant and is not designed, manufactured or intended for use or resale as on-line control equipment in hazardous environments requiring fail-safe performance, in which the failure of the Software could lead directly to death, personal injury, or severe physical or environmental damage. WE AND OUR DISTRIBUTORS DISCLAIM ANY EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR HIGH RISK ACTIVITIES AND WE DISCLAIM LIABILITY FOR ANY CLAIMS OR DAMAGES ARISING FROM THE USE OF THE SOFTWARE IN SUCH APPLICATIONS.

**16. U.S. GOVERNMENT END-USERS.** The Software is a "commercial item," as that term is defined in 48 C.F.R. § 2.101, consisting of "commercial computer software" and "commercial computer software documentation," as such terms are used in 48 C.F.R. § 12.212 (Sept. 1995) and 48 C.F.R. § 227.7202 (June 1995). Consistent with 48 C.F.R. § 12.212, 48 C.F.R. § 27.405(b) (2) (June 1998) and 48 C.F.R. § 227.7202, all U.S. Government End Users acquire the Software with only those rights as described in this License.

**17. ELECTRONIC NOTICES.** YOU AUTHORIZE US OR OUR DISTRIBUTORS TO PROVIDE YOU ANY INFORMATION AND NOTICES REGARDING THE SOFTWARE IN ELECTRONIC FORM (1) VIA E-MAIL IF YOU HAVE PROVIDED US WITH A VALID EMAIL ADDRESS OR (2) BY POSTING THE NOTICE ON A WEBSITE DESIGNATED BY US FOR THIS PURPOSE.

**18. INDEMNIFICATION.** Upon a request by us, you agree to defend, indemnify, and hold harmless us and our parent and other affiliated companies, and our respective employees, contractors, officers, directors, distributors and agents from all liabilities,

claims, and expenses, including attorneys' fees that arise from your use or misuse of the Software. We reserve the right, at our own expense, to assume the exclusive defense and control of any matter otherwise subject to indemnification by you, in which event you will cooperate with us in asserting any available defenses.

19. **CHOICE OF LAW AND LOCATION FOR RESOLVING DISPUTES.** You agree that the laws of the Commonwealth of Virginia govern this contract and any claim or dispute that you may have against us, without regard to Virginia's conflict of laws rules, and that the United Nations Convention on Contracts for the International Sale of Goods shall have no applicability. You further agree that any disputes or claims that you may have against us will be resolved by a court located in the Commonwealth of Virginia and you agree and submit to the exercise of personal jurisdiction of such courts for the purpose of litigating any such claim or action.

PLEASE NOTE THAT BY AGREEING TO THESE TERMS OF USE, YOU ARE:  
(1) WAIVING CLAIMS THAT YOU MIGHT OTHERWISE HAVE AGAINST US BASED ON THE LAWS OF OTHER JURISDICTIONS, INCLUDING YOUR OWN;  
(2) IRREVOCABLY CONSENTING TO THE EXCLUSIVE JURISDICTION OF, AND VENUE IN, STATE OR FEDERAL COURTS IN THE COMMONWEALTH OF VIRGINIA OVER ANY DISPUTES OR CLAIMS YOU HAVE WITH US; AND  
(3) SUBMITTING YOURSELF TO THE PERSONAL JURISDICTION OF COURTS LOCATED IN THE COMMONWEALTH OF VIRGINIA FOR THE PURPOSE OF RESOLVING ANY SUCH DISPUTES OR CLAIMS.

20. **ENTIRE AGREEMENT.** This Agreement constitutes the entire agreement between you and us concerning the subject matter of this Agreement, which may only be modified by us.

21. **GENERAL TERMS.** (a) This Agreement shall not be governed by the United Nations Convention on Contracts for the International Sale of Goods. (b) If any part of this Agreement is held invalid or unenforceable, that part shall be construed to reflect the parties' original intent, and the remaining portions shall remain in full force and effect, or we may at our option terminate this Agreement. (c) The controlling language of this Agreement is English. If you have received a translation into another language, it has been provided for your convenience only. (d) A waiver by either party of any term or condition of this Agreement or any breach thereof, in any one instance, shall not waive such term or condition or any subsequent breach thereof. (e) You may not assign or otherwise transfer by operation of law or otherwise this Agreement or any rights or obligations herein. We may assign this Agreement to any entity at our sole discretion and without notice to you. (f) This Agreement shall be binding upon and shall inure to the benefit of the parties, their successors and permitted assigns. (g) Neither party shall be in default or be liable for any delay, failure in performance or interruption of service resulting directly or indirectly from any cause beyond its reasonable control. (h) The Software is provided by AOL LLC and its distributors ("we" or "us" in this Agreement). (i) The term "you" or "your" in this Agreement means any individual or entity that uses the Software.

22. **USER OUTSIDE THE U.S.** If you are using the Software outside the U.S., then the provisions of this Section shall apply: (i) Les parties aux présentes confirment leur volonté que cette convention de même que tous les documents y compris tout avis qui s'y rattache, soient rédigés en langue anglaise. (translation: "The parties confirm that this Agreement and all related documentation is and will be in the English language."); (ii) you are responsible for complying with any local laws in your jurisdiction that might affect your

right to import, export or use the Software, and you represent that you have complied with any regulations or registration procedures required by applicable law to make this license enforceable; and (iii) if the laws applicable to your use of the Software would prohibit the enforceability of this Agreement, or impose any additional burdens on AOL, or confer any rights to you that are materially different from the terms and conditions of this Agreement, then you are not authorized to use the Software and you agree to remove it from your computer.

Last Updated: 15 June 2007



## Skype End User License Agreement

### IMPORTANT – PLEASE READ CAREFULLY

Review the latest version of Skype End User License Agreement at [www.skype.com/eula](http://www.skype.com/eula). Translations are available [www.skype.com](http://www.skype.com).

Before reading the articles below, please note the following preliminary terms, which use some of the definitions specified in Article 1 below:

**No Emergency Calls:** by entering into this Agreement You acknowledge and agree that the Skype Software does not and does not intend to support or carry emergency calls. Please also see article 7 below.

**Entering into this Agreement:** This End User License Agreement constitutes a valid and binding agreement between Skype Software S.a.r.l. and You, as a user, for the use of the Skype Software. You must enter into this Agreement by clicking on the ACCEPT button in order to install and use the Skype Software. You hereby agree and acknowledge that this Agreement covers all Your use of Skype Software, whether it be from this installation or from any other terminals where Skype Software has been installed, by You or by third parties. Furthermore, by installing and continuing to use the Skype Software You agree to be bound by the terms of this Agreement and any new versions hereof.

**Electronic Signatures and Agreement(s):** You acknowledge and agree that by clicking on the ACCEPT button or similar buttons or links as may be designated by Skype to show Your approval of any foregoing texts and/or to download and install the Skype Software, You are entering into a legally binding contract. You hereby agree to the use of electronic communication in order to enter into contracts, place orders and create other records and to the electronic delivery of notices, policies and records of transactions initiated or completed through the Skype Software. Furthermore, You hereby waive any rights or requirements under any laws or regulations in any jurisdiction which require an original (non-electronic) signature or delivery or retention of non-electronic records, to the extent permitted under applicable mandatory law.

**Jurisdiction's Restrictions:** if You are residing in a jurisdiction which restricts the use of internet-based applications according to age, or which restricts the ability to enter into agreements such as this agreement according to age and You are under such a jurisdiction and under such age limit, You may not enter into this Agreement and download, install or use the Skype Software. Furthermore, if You are residing in a jurisdiction where it is forbidden by law to offer or use software for internet communication, You may not enter into this Agreement and You may not download, install or use the Skype Software. By entering into this Agreement You explicitly state that You have verified in Your own jurisdiction if Your use of the Skype Software is allowed.

## Article 1 Definitions

In this Agreement the following capitalized definitions are being used, singular as well as plural.

- 1.1 **Affiliate:** any corporation, company or other entity that directly or indirectly controls, is controlled by, or is under common control with, Skype. For the purpose of this definition, the word “control” shall mean the direct or indirect ownership of more than fifty percent (50%) of the outstanding voting stock of the corporation, company, or other entity.
- 1.2 **Agreement:** this End User License Agreement, as may be renewed, modified and/or amended from time to time.
- 1.3 **Emergency Services:** means services that connect a user to emergency services personnel or public safety answering points pursuant to applicable local and or national regulatory requirements.
- 1.4 **Documentation:** any online or otherwise enclosed documentation provided by Skype.
- 1.5 **Effective Date:** the date on which this Agreement is entered into by clicking on the ACCEPT button as stated above.
- 1.6 **IP Rights:** any and all intellectual property rights, including but not limited to copyrights, trademarks and patents, as well as know how and trade secrets contained in or relating to the Skype Software, the Documentation, the Skype Website or the Skype Promotional Materials.
- 1.7 **Password:** refers to a code You select, which, in combination with the User ID, gives You access to Your User Account;
- 1.8 **Skype:** refers to the company established under the laws of Luxembourg, Skype Software S.a.r.l, with its address at 15 rue Notre Dame, L-2240 Luxembourg, Luxembourg, reg.no (B100467), VAT no. (LU20180239).
- 1.9 **Skype API:** application program interface consisting of the set of routines utilized by the Skype Software to provide the Skype Software functionality for a given platform or operating system, Skype API being included in or linked to the Skype Software.
- 1.10 **Skype Online Material:** the Skype banner available for download on the Skype Website, consisting of a Skype logo and a link to the Skype Website.
- 1.11 **Skype Promotional Materials:** any and all trademarks, names, signs, logos, banners, Skype Online Material and any other materials, in whatever form, owned and/or used by Skype for the promotion of its company, its products and activities.
- 1.12 **Skype Software:** the software distributed by Skype for internet communication applications, including without limitation the Skype API, UI and Documentation, as well as any future programming fixes, updates and upgrades thereof.
- 1.13 **Skype Staff:** the officers, directors, employees and agents of Skype or its Affiliates, or any other persons hired by Skype or its Affiliates.
- 1.14 **Skype Website:** any and all elements, contents and the ‘look and feel’ of the website available under the URL [www.skype.com](http://www.skype.com), – among other URLs –, from which website the Skype Software can be downloaded.
- 1.15 **Terms of Service:** means the agreement between Skype Communications S.a.r.l and You for the use of the VoIP service;
- 1.16 **UI:** the user interface of the Skype Software.
- 1.17 **User Account:** refers to the account with User ID and Password that You create for Your use of the Skype Software;
- 1.18 **User ID:** refers to an identification code You selected, which in combination with the Password, gives access to Your User Account;
- 1.19 **VoIP Service:** means the payable services provided under the Terms of Service

- 1.20 **You:** you, the end user of the Skype Software, also used in the form “Your” where applicable.

## Article 2 License and Restrictions

- 2.1 **License.** Subject to the terms of this Agreement, Skype hereby grants You a limited, personal, non-commercial, non-exclusive, non-sublicensable, non-assignable, free of charge license to download, install and use the Skype Software on Your computer, phone or PDA for the sole purpose of personally using the internet communication applications provided by Skype and any other applications that may be explicitly provided by Skype. For the avoidance of doubt, You are allowed to use Skype Software at work, in accordance with the terms of this Agreement.
- 2.2 **No Granting of Rights to Third Parties.** You will not sell, assign, rent, lease, distribute, export, import, act as an intermediary or provider, or otherwise grant rights to third parties with regard to the Skype Software or any part thereof.
- 2.3 **No Modifications.** You will not undertake, cause, permit or authorize the modification, creation of derivative works, translation, reverse engineering, decompiling, disassembling or hacking of the Skype Software or any part thereof.
- 2.4 **Third Parties.** You acknowledge and agree that the Skype Software may be incorporated into, and may incorporate itself, software and other technology owned and controlled by third parties. Any such third party software or technology that is incorporated in the Skype Software falls under the scope of this Agreement. Any and all other third party software or technology that may be distributed together with the Skype Software will be subject to you explicitly accepting a license agreement with that third party. You acknowledge and agree that you will not enter into a contractual relationship with Skype or its Affiliates regarding such third party software or technology and you will look solely to the applicable third party and not to Skype or its Affiliates to enforce any of your rights.
- 2.5 **New Versions of the Skype Software.** Skype, in its sole discretion, reserves the right to add additional features or functions, or to provide programming fixes, updates and upgrades, to the Skype Software. You acknowledge and agree that Skype has no obligation to make available to You any subsequent versions of the Skype Software. You also agree that you may have to enter into a renewed version of this Agreement, in the event you want to download, install or use a new version of the Skype Software. Furthermore, You acknowledge and agree that Skype, in its sole discretion, may modify or discontinue or suspend Your ability to use any version of the Skype Software, and/or disable any Skype Software You may already have accessed or installed without any notice to You, for the repair, improvement, and/or upgrade of the underlying technology or for any other justifiable reason, including but not limited to, circumstances where You, at Skype’s discretion, are in breach of this Agreement, creating problems, possible legal liabilities, acting inconsistently with the letter or spirit of our policies, which can be found at [www.skype.com/company/legal/terms/etiquette.html](http://www.skype.com/company/legal/terms/etiquette.html), or engaging in fraudulent, immoral or illegal activities, or for other similar reasons. Skype will not accept any liability in relation to the direct or indirect damages caused by (1) the release and/or the absence of release of new versions of the Skype Software and (2) by the suspension or termination of the license or this Agreement by Skype and/or by You.
- 2.6 **Paid Services.** This Agreement applies to downloading, installing and using the Skype Software, free of charge. The use of any paid services which may be offered by Skype or its Affiliates, is subject to the additional Terms of Service that are published on the Skype Website.

## Article 3 Definitions to License Restrictions and Additional Terms

- 3.1 **Distribution of Skype Software.** You are not allowed to distribute the Skype Software under this Agreement. For the right to distribute You will have to agree to and meet with the Distribution Terms as published on the Skype Website.
- 3.2 **Distribution of Skype API.** Under this Agreement You are not allowed to use the Skype API in connection with applications that You (or any third party) distribute or intend to distribute. If you wish to distribute Your application, which uses Skype API, You will have to agree to and meet with the API Terms of Use as published on the Skype Website.
- 3.3 **Use of Skype API.** You may make use of the Skype API, subject to license terms in Clause 2.1 and for the sole purpose of enabling Your application to connect with the Skype Software, provided that:
- 3.3.1 All such use of Skype API is carried out for legitimate purposes and shall in no way and to no extent adversely affect the functionality or performance of the Skype Software or services provided by Skype;
  - 3.3.2 You will not remove, overtake, hide or otherwise make the UI inaccessible for end users;
  - 3.3.3 You will monitor the Skype Website in order to ensure that You are aware of any changes in the applicable legal documents. In the event You cannot agree on any changes in any applicable legal document, You will immediately cease any and all use of the Skype API and, where applicable, any and all use of the Skype Software; and
  - 3.3.4 You acknowledge and agree that Your use of the Skype API will be at Your own risk and account.
- 3.4 **Any other Exceptions.** If You are interested in doing anything else than permitted under this Agreement or by the Distribution Terms or the Skype API Terms of Use, You will have to obtain Skype's previous written consent and explicitly agree upon any further (commercial) terms.
- 3.5 **Skype Promotional Materials.** Nothing in this Agreement will give You any right to use the Skype Promotional Materials.

## Article 4 Utilization of Your computer

- 4.1 **Utilization of Your computer.** You hereby acknowledge that the Skype Software may utilize the processor and bandwidth of the computer (or other applicable device) You are utilizing, for the limited purpose of facilitating the communication between Skype Software users.
- 4.2 **Protection of Your computer (resources).** You understand that the Skype Software will use its commercially reasonable efforts to protect the privacy and integrity of the computer resources (or other applicable device) You are utilizing and of Your communication, however, You acknowledge and agree that Skype cannot give any warranties in this respect.

## Article 5 Confidentiality and Privacy

- 5.1 **Skype's Confidential Information.** You agree to take all reasonable steps at all times to protect and keep strictly confidential any confidential information regarding Skype, its Affiliates, the Skype Staff, the Skype Software and the IP Rights.

- 5.2 **Your Confidential Information and Your Privacy.** Skype is committed to respecting Your privacy and the confidentiality of Your personal data. The “Privacy Policy” that is published on the Skype Website at [www.skype.com/go/privacy](http://www.skype.com/go/privacy) applies to the use of Your personal data, the traffic data as well as the content contained in Your communication(s). We do not sell or rent Your personal information to third parties for their marketing purposes without Your explicit consent and we use Your information only as described in the Privacy Policy. We store and process Your information on computers that may be located outside Your country that are protected by physical as well as technological security devices. You can access and modify the information You provide in accordance with the Privacy Policy. If You object to Your information being transferred or used in this way please do not use our services.

## Article 6 IP Rights

- 6.1 **Exclusive Ownership.** You acknowledge and agree that any and all IP Rights to or arising from the Skype Software are and shall remain the exclusive property of Skype and/or its licensors. Nothing in this Agreement intends to transfer any such IP Rights to, or to vest any such IP Rights in, You. You are only entitled to the limited use of the IP Rights granted to You in this Agreement. You will not take any action to jeopardize, limit or interfere with the IP Rights. You acknowledge and agree that any unauthorized use of the IP Rights is a violation of this Agreement as well as a violation of intellectual property laws, including without limitation copyright laws and trademark laws. You acknowledge and understand that all title and IP Rights in and to any third party content that is not contained in the Skype Software, but may be accessed through use of the Skype Software, is the property of the respective content owners and may be protected by applicable copyright or other intellectual property laws and treaties.
- 6.2 With the exception of IP Rights of Skype and/or its licensors in Skype Software (including the Skype API), You retain the intellectual property rights You may have in the applications, materials, products or processes You create which are based on or utilize the Skype API. You hereby release and covenant not to hold liable Skype or its Affiliates, or any of their licensees, assigns or successors, for any and all damages, liabilities, causes of action, judgments or claims (a) pertaining to any intellectual property You develop that is based on, uses, or relates to the Skype API; and (b) which otherwise may arise in connection with Your use of, reliance on, or reference to the Skype API. As between You and Skype, Skype and its licensors retain the IP Rights in and to the Skype Software (including the Skype API) and any derivative works thereto created by or for Skype or its licensors.
- 6.3 **No Removal of Notices.** You agree that You will not remove, obscure, make illegible or alter any notices or indications of the IP Rights and/or Skype’s rights and ownership thereof, whether such notice or indications are affixed on, contained in or otherwise connected to any materials.

## Article 7 Communication and Your Use of the Skype Software

- 7.1 **Communication.** Installing Skype Software enables You to communicate with other Skype Software users.

- 7.2 **No Warranties.** Skype cannot guarantee that You will always be able to communicate with other Skype Software users, nor can Skype guarantee that You can communicate without disruptions, delays or communication-related flaws or that all Your communication shall always be delivered to other Skype Software users. Skype will not be liable for any such disruptions, delays or other omissions in any communication experienced when using Skype Software.
- 7.3 **No Responsibility of Content.** You acknowledge and understand that the content of the communication spread by the use of the Skype Software is entirely the responsibility of the person from whom such content originated. You, therefore, may be exposed to content that is offensive, harmful to minors, indecent or otherwise objectionable. Skype will not be liable for any type of communication spread by means of the Skype Software.
- 7.4 **No Emergency Services.** You expressly agree and understand that the Skype Software is not intended to support or carry emergency calls to any type of hospital, law enforcement agency, medical care unit or any other kind of Emergency Service. Skype, its Affiliates or Skype Staff are in no way liable for such emergency calls.
- 7.4.1 **Alternative Arrangements.** By agreeing to this Agreement You understand that additional arrangements must be made to access Emergency Services. To access Emergency Services, You acknowledge and accept Your responsibility to purchase, separately from Skype Software, traditional wireless or wireline telephone service that offers access to Emergency Services.
- 7.4.2 **No Compulsion to Offer Emergency Services.** You recognize and agree that Skype is not required to offer Emergency Services pursuant to any applicable local and or national rules, regulation or law. You further recognize that Skype is not a replacement for Your primary telephone service.
- 7.5 **Lawful purposes.** You acknowledge and agree to use the Skype Software solely for lawful purposes. In this respect You may not, without limitation (a) intercept or monitor, damage or modify any communication which is not intended for You, (b) use any type of spider, virus, worm, trojan-horse, time bomb or any other codes or instructions that are designed to distort, delete, damage or disassemble the Skype Software or the communication, (c) send any unsolicited commercial communication not permitted by applicable law, or (d) expose any other user to material which is offensive, harmful to minors, indecent or otherwise objectionable.

## Article 8 Term and (Consequences of) Termination

- 8.1 **Term.** This Agreement will be effective as of the Effective Date and will remain effective until terminated by either Skype or You as set forth below.
- 8.2 **Termination by Skype.** Without limiting other remedies, Skype may limit, suspend, or terminate this license and Your use of Skype Software, prohibit access to Skype Website and delete Your User Account and/or User ID, with immediate effect, if we think that You are in breach of this Agreement, creating problems, possible legal liabilities, acting inconsistently with the letter or spirit of our policies, which can be found at [www.skype.com/company/legal/terms/etiquette.html](http://www.skype.com/company/legal/terms/etiquette.html), infringing someone else's intellectual property rights, engaging in fraudulent, immoral or illegal activities, or for other similar reasons. Skype shall effect such termination by providing notice to You to the email address You have provided, and/or by preventing Your access to the respective User Account. We reserve the right to cancel User Accounts that have been inactive for more than one (1) year.
- 8.3 **Termination by You.** You may terminate this Agreement with immediate effect at any time, with or without cause and without recourse to the courts, provided that You will meet with the conditions as set forth in Article 8.4 below.



- 8.4 **Consequences of Termination.** Upon termination of this Agreement, You (a) acknowledge and agree that all licenses and rights to use the Skype Software shall terminate, and (b) will cease any and all use of the Skype Software, and (c) will remove the Skype Software from all hard drives, networks and other storage media and destroy all copies of the Skype Software in Your possession or under Your control.
- 8.5 **No liability.** Skype will not be liable in respect to any damage caused by the termination of this Agreement.

## **Article 9 Your Representations and Warranties; Indemnification of Skype**

- 9.1 **Representations.** You represent and warrant that You are authorized to enter into this Agreement and comply with its terms. Furthermore, You represent and warrant that You will at any and all times meet with Your obligations hereunder, as well as any and all laws, regulations and policies that may apply to the use of the Skype Software.
- 9.2 **Indemnification.** You agree to indemnify, defend and hold Skype, Affiliates and the Skype Staff harmless from and against any and all liability and costs, including reasonable attorneys' fees incurred by said parties, in connection with or arising out of Your (a) violation or breach of any term of this Agreement or any applicable law or regulation, whether or not referenced herein, or (b) violation of any rights of any third party, or (c) use or misuse of the Skype Software, or (d) use and/or modification of the Skype API or (e) communication spread by means of the Skype Software.
- 9.3 **Export Restrictions.** You acknowledge that the Skype Software may be subject to international rules that govern the export of software. You agree to comply with all applicable international and national laws that apply to the Skype Software as well as end-user, end-use and destination restrictions issued by national governments.

## **Article 10 Disclaimer of Warranties**

- 10.1 **No warranties.** THE SKYPE SOFTWARE IS PROVIDED "AS IS", WITH NO WARRANTIES WHATSOEVER; SKYPE DOES NOT, EITHER EXPRESSED, IMPLIED OR STATUTORY, MAKE ANY WARRANTIES, CLAIMS OR REPRESENTATIONS WITH RESPECT TO THE SKYPE SOFTWARE, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF QUALITY, PERFORMANCE, NON-INFRINGEMENT, MERCHANTABILITY, OR FITNESS FOR USE OR A PARTICULAR PURPOSE. SKYPE FURTHER DOES NOT REPRESENT OR WARRANT THAT THE SKYPE SOFTWARE WILL ALWAYS BE AVAILABLE, ACCESSIBLE, UNINTERRUPTED, TIMELY, SECURE, ACCURATE, COMPLETE AND ERROR-FREE OR WILL OPERATE WITHOUT PACKET LOSS, NOR DOES SKYPE WARRANT ANY CONNECTION TO OR TRANSMISSION FROM THE INTERNET, OR ANY QUALITY OF CALLS MADE THROUGH THE SKYPE SOFTWARE.

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- 12.6 **Assignment by Skype.** Skype is allowed at its sole discretion to assign this Agreement or any rights hereunder to any Affiliate, without giving prior notice.
- 12.7 **Applicable Law.** This Agreement shall be governed by and construed in accordance with the laws of Luxembourg without giving effect to any conflict of laws or provisions whether contained in Luxembourg law or the laws of your current state or country of residence.
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## Yahoo! Terms of Service

Welcome to Yahoo!. By clicking "Accept" you agree that your use of the Yahoo! services on this device will be governed by the Yahoo! Terms of Service viewable at <http://info.yahoo.com/legal/us/yahoo/utos/utos-173.html> and the Yahoo! Privacy Policy viewable at <http://privacy.yahoo.com/privacy/us/>. You acknowledge that Yahoo! collects personal information about you and your use of Yahoo! services on this device, including anonymous usage information from your use of Yahoo! services through your device software. You are responsible for obtaining Wi-Fi access to use any Yahoo! services on this device (including paying for any usage fees, taxes, or other access charges). Check with your provider for full details. Wi-Fi access may not be available in all areas.

## Specifications

### Unit

LCD screen: 3.5 inches, TFT drive, 800 × 480 pixels, 65,536 colors

Internal memory:

1 GB (User available capacity: Approx. 850MB)<sup>1)</sup>

<sup>1)</sup> A portion of which is used for data management functions. Sample data are stored in the internal memory. You can delete them to make exact free space shown above (☞ page 26).

Interface: DC IN 5.2 V

Headphone/Microphone 10 pin

Hi-Speed USB (Mini-AB)

“Memory Stick Duo” slot

Wireless LAN (IEEE 802.11b/g)

Dimensions: Approx.  $5 \frac{1}{4} \times 2 \frac{7}{32} \times 2 \frac{5}{8}$  inches (130.8 × 20.7 × 64.6 mm)  
(excluding protrusions)

Mass: Approx. 6.8 oz (193 g) (including the rechargeable battery)

Battery operation time<sup>2)</sup>:

Web browsing: up to 6 hours

Talk over Internet: up to 6 hours

Standby for incoming chat and call: up to 22 hours

Music Playback: up to 20 hours

Video Playback: up to 7 hours

<sup>2)</sup> These values are based on the following conditions:

- using headset.
- “Auto Backlight Off” is checked.
- “Backlight Brightness” is set to “3.”
- “Power Saving Mode of the Wireless LAN” is checked.
- WIRELESS LAN switch is OFF for Music and Video playback.
- Video playback measured using MPEG4 with 384 kbps, 15 fps.

Actual battery life may vary based on product settings, usage patterns, network and environmental conditions.

Operating temperature:

41 to 95°F (5 to 35°C)

### Wireless LAN

Standard: IEEE 802.11b/g

Security: WEP (128bit/64bit, Open System/Shared Key)  
WPA-PSK (TKIP/AES)

Modulation format:

DSSS (IEEE 802.11b compliant)

OFDM (IEEE 802.11g compliant)

Communication range<sup>3)</sup>:

Approx. 160 ft (50 m)

<sup>3)</sup> The communication range may vary, depending on conditions of use and settings.

**Internal Camera**

1.3 Megapixel with macro

**Photo**

Supported formats:

JPEG <sup>4)</sup>

PNG

BMP

Number of pixels:

Display: 3,072 × 2,304 pixels (Approx. 7 Megapixels) (maximum)

Edit: 1,280 × 1,024 pixels (Approx. 1.3 Megapixels) (maximum)

<sup>4)</sup> Progressive JPEG is not supported.

**Video**

Supported file formats:

MP4 File Format

Memory Stick Video Format

Supported video codec:

MPEG-4 Advanced Simple Profile

AVC Baseline Profile

Bite rate: 768 kbps (maximum)

Frame rate: 30 fps (maximum)

Resolution: 320 × 240 (maximum)

Supported audio codec:

AAC-LC

Supported bite rates: 8 – 320 kbps

Supported sampling frequencies: 8/11.025/12/16/22.05/24/32/44.1/48 kHz

**Audio**

Supported codecs:

MP3

ATRAC

WMA

AAC

Supported bit rates:

MP3: 32 – 320 kbps (supports variable bite rate (VBR))

ATRAC: 32 – 352 kbps

WMA: 32 – 355 kbps (supports variable bite rate (VBR))

AAC: 8 – 320 kbps (supports variable bite rate (VBR))

Supported sampling frequencies:

MP3: 32/44.1/48 kHz

ATRAC: 44.1 kHz

WMA: 44.1 kHz

AAC: 8/11.025/12/16/22.05/24/32/44.1/48 kHz

Signal-to-noise ratio:

80 dB or more

Frequency response:

20 to 20000 Hz (single measurement during playback)

Design and specifications are subject to change without notice.

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