INSTRUCTION MANUAL

A preliminary draft copy of the Users Manual follows:

EXHIBIT 8

Welcome

Welcome to the world of Motorola digital wireless communications! We are pleased that you have chosen the Motorola V690 wireless phone.

Earpiece

Internal/Main Display

Menu Key

Left Soft Key

Call/Answer Key

Right Soft Key

5-Way Navigation Key:

In-Call Volume/ Voice Activation/ Camera Key

Scroll ▲ , ▼ , ▶ , ◀ . Press OK to perform right soft key function.

Power/End Key

Ambient Light Sensor

Microphone

Charger/ Accessory Port

Tip: 5-way navigation key (except OK) also serves as shortcuts to menu features by setting home keys (see page 94).

Manual number: SJJN5732A

Menu Map

You can display your phone's main menu as icons or as a text list. Each has its own organization and is different from the other. By default, your phone displays the main menu as icons.

To change the menu display mode:

Find the Feature $\boxed{\equiv}$ > Settings
                                      > Menu style

Note: The following is the standard phone menu layout. Menu organization and feature names may vary on your phone. Not all features may be available for all users.

Main Menu Display

✉ **Msg. center ***
- Text messages
- Multimedia msgs.
- Voice mailbox
- Cell broadcast
- Settings
- Sending history
- Service command

🎮 **Games**
- Five ball
- Flying
- Popo car
- Sound effect

⏰ **Alarm clock**
- On
- Off

💬 **Chatroom ***

↗ **Quick access**
- Browser
- Media center
- Last call time
- Wallpaper
- Add entry to phonebook
- Calculator
- Games
- Meeting mode
- Ringing tone
- Edit

▶ **Media center**
- New picture
- Photo album
- Picture
- Animation
- Melody
- Voice notes
- Video
- Download media
- View free space

🔧 **Tools**
- Calendar
- Calculator
- Stopwatch
- Tone editor
- Voice commands
- Video player
- My picture

☕ **Java**
- BombHunt
- SpaceFighter

🔧 **Settings**
- Language
- Backlight
- Adjust contrast
- Clock
- Auto power off
- Display
- Key lock
- Input mode
- Home keys
- Restore factory
- Security
- Call features
- Network
- Connection indication
- Minute reminder
- Menu style
- Java settings
- Light sensor

* Optional network, SIM card, or subscription-dependent feature.

4

Main Menu Display

Profile
- Normal
- Meeting
- Outdoors
- Car
- Customized
- Office
- Handsfree
- Headset
- Silence

Recent calls
- Missed calls
- Received calls
- Dialed calls
- Erase all
- Call time
- Call cost
- GPRS data counter
- GPRS connection time
- In-call count
- Session information

Phonebook
- Search
- Add
- Erase
- Copy
- Option
- Speed dial
- Caller group
- Personal number
- Fixed dial number
- Voice tags
- My Own Card

Ringing style
- Ringing volume
- Ringing tone
- Incoming call alert
- Vibrating
- Message alert tone
- Key tone volume
- Key tone type
- Warning tones
- Startup music

Camera

V. recorder

Browser *
- Home
- Bookmark
- Profiles
- Appearance settings
- Download settings
- Go to address
- Clear the cache
- Service Inbox
- Certificates

Bookmark

Voice notes

STK *

Shortcuts
Open menu options:
Press ⬦ (in idle).
Go to dialed calls list:
Press 📞 (in idle).
Turn on voice-activated commands:
Press and hold the voice activation key (in idle) and then say a command into the microphone.
Turn off the ringer:
Press and hold # (in idle).
Exit menu system:
Press ☎.

* Optional network, SIM card, or subscription-dependent feature.

Contents

7

Safety and General Information

IMPORTANT INFORMATION ON SAFE AND EFFICIENT OPERATION.
READ THIS INFORMATION BEFORE USING YOUR PHONE.

The information provided in this document supersedes the general safety
information in user guides published prior to December 1, 2002.

Exposure To Radio Frequency (RF) Energy

Your phone contains a transmitter and a receiver. When it is ON, it
receives and transmits RF energy. When you communicate with your
phone, the system handling your call controls the power level at which
your phone transmits.

Your Motorola phone is designed to comply with local regulatory
requirements in your country concerning exposure of human beings to RF
energy.

Operational Precautions

To assure optimal phone performance and make sure human exposure to
RF energy is within the guidelines set forth in the relevant standards,
always adhere to the following procedures.

Internal Antenna Care

Use only the supplied or Motorola-approved replacement antenna.
Unauthorized antennas, modifications, or attachments could damage the
phone.

Do NOT block the internal antenna (which is built-in at the top end of your
phone) when the phone is IN USE. Blocking the internal antenna affects
call quality and may cause the phone to operate at a higher power level
than needed. In addition, use of unauthorized antennas may result in non-
compliance with the local regulatory requirements in your country.

Phone Operation

When placing or receiving a phone call, hold your phone as you would a wireline telephone.

Body-Worn Operation

To maintain compliance with RF energy exposure guidelines, if you wear a phone on your body when transmitting, always place the phone in a Motorola-supplied or approved clip, holder, holster, case, or body harness for this phone, if available. Use of accessories not approved by Motorola may exceed RF energy exposure guidelines. If you do not use one of the body-worn accessories approved or supplied by Motorola, and are not using the phone held in the normal use position, ensure the phone and its antenna are at least 1 inch (2.5 centimeters) from your body when transmitting.

Data Operation

When using any data feature of the phone, with or without an accessory cable, position the phone and its antenna at least 1 inch (2.5 centimeters) from your body.

Approved Accessories

Use of accessories not approved by Motorola, including but not limited to batteries and antenna, may cause your phone to exceed RF energy exposure guidelines. For a list of approved Motorola accessories, visit our website at www.Motorola.com.

RF Energy Interference/Compatibility

Note: Nearly every electronic device is susceptible to RF energy interference from external sources if inadequately shielded, designed, or otherwise configured for RF energy compatibility. In some circumstances your phone may cause interference.

Facilities

Turn off your phone in any facility where posted notices instruct you to do so. These facilities may include hospitals or health care facilities that may be using equipment that is sensitive to external RF energy.

Aircraft

When instructed to do so, turn off your phone when on board an aircraft. Any use of a phone must be in accordance with applicable regulations per airline crew instructions.

Medical Devices

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 6 inches (15 centimeters) be maintained between a handheld wireless phone and a pacemaker.

Persons with pacemakers should:

- ALWAYS keep the phone more than 6 inches (15 centimeters) from your pacemaker when the phone is turned ON.

- NOT carry the phone in the breast pocket.

- Use the ear opposite the pacemaker to minimize the potential for interference.

- Turn OFF the phone immediately if you have any reason to suspect that interference is taking place.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer to discuss alternatives.

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from RF energy. Your physician may be able to assist you in obtaining this information.

Use While Driving

Check the laws and regulations on the use of phones in the area where you drive. Always obey them.

When using your phone while driving, please:

- Give full attention to driving and to the road.

- Use hands-free operation, if available.

- Pull off the road and park before making or answering a call if driving conditions so require.

Responsible driving best practices may be found in the "Wireless Phone Safety Tips" at the end of this manual and at the Motorola website: www.Motorola.com/callsmart.

Operational Warnings

For Vehicles With an Air Bag

Do not place a phone in the area over an air bag or in the air bag deployment area. Air bags inflate with great force. If a phone is placed in the air bag deployment area and the air bag inflates, the phone may be propelled with great force and cause serious injury to occupants of the vehicle.

Potentially Explosive Atmospheres

Turn off your phone prior to entering any area with a potentially explosive atmosphere, unless it is a phone type especially qualified for use in such areas and certified as "Intrinsically Safe." Do not remove, install, or charge batteries in such areas. Sparks in a potentially explosive atmosphere can cause an explosion or fire resulting in bodily injury or even death.

Note: The areas with potentially explosive atmospheres referred to above include fueling areas such as below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such as grain, dust, or metal powders. Areas with potentially explosive atmospheres are often but not always posted.

Blasting Caps and Areas

To avoid possible interference with blasting operations, turn OFF your phone when you are near electrical blasting caps, in a blasting area, or in areas posted "Turn off electronic devices." Obey all signs and instructions.

Batteries

Batteries can cause property damage and/or bodily injury such as burns if a conductive material such as jewelry, keys, or beaded chains touch exposed terminals. The conductive material may complete an electrical circuit (short circuit) and become quite hot. Exercise care in handling any charged battery, particularly when placing it inside a pocket, purse, or other container with metal objects. **Use only Motorola original batteries and chargers.**

Your battery or phone may contain symbols, defined as follows:

Symbol	Definition
⚠	Important safety information will follow.
⊗	Your battery or phone should not be disposed of in a fire.
♻	Your battery or phone may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
⊠	Your battery or phone should not be thrown in the trash.
⊖ Lilon BATT ⊕	Your phone contains an internal lithium ion battery.

Seizures/Blackouts

Some people may be susceptible to epileptic seizures or blackouts when exposed to blinking lights, such as when watching television or playing video games. These seizures or blackouts may occur even if a person never had a previous seizure or blackout.

If you have experienced seizures or blackouts, or if you have a family history of such occurrences, please consult with your doctor before playing video games on your phone or enabling a blinking-lights feature on your phone. (The blinking-light feature is not available on all products.)

Parents should monitor their children's use of video game or other features that incorporate blinking lights on the phones. All persons should discontinue use and consult a doctor if any of the following symptoms occur: convulsion, eye or muscle twitching, loss of awareness, involuntary movements, or disorientation.

To limit the likelihood of such symptoms, please take the following safety precautions:

- Do not play or use a blinking-lights feature if you are tired or need sleep.

- Take a minimum of a 15-minute break hourly.

- Play in a room in which all lights are on.

- Play at the farthest distance possible from the screen.

Repetitive Motion Injuries

When you play games on your phone, you may experience occasional discomfort in your hands, arms, shoulders, neck, or other parts of your body. Follow these instructions to avoid problems such as tendonitis, carpal tunnel syndrome, or other musculoskeletal disorders:

- Take a minimum 15-minute break every hour of game playing.

- If your hands, wrists, or arms become tired or sore while playing, stop and rest for several hours before playing again.

- If you continue to have sore hands, wrists, or arms during or after play, stop playing and see a doctor.

European Union Directives Conformance Statement

$C\epsilon$

Hereby, Motorola declares that this product is in compliance with

• The essential requirements and other relevant provisions of Directive 1999/5/EC

• All other relevant EU Directives

```
IMEI: 350034/40/394721/9

C€0168
Type: MC2-41H14
```

Product Approval Number
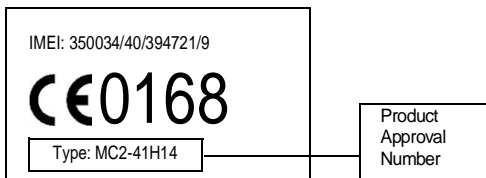
The above gives an example of a typical Product Approval Number.

You can view your product's Declaration of Conformity (DoC) to Directive 1999/5/EC (the R&TTE Directive) at www.motorola.com/rtte - to find your DoC, enter the product Approval Number from your product's label in the "Search" bar on the Web site.

Getting Started

What's in the Box?

Your digital wireless phone comes with a battery and charger. You can purchase other accessories to customize your phone for maximum performance and portability.

To purchase Motorola Original™ accessories, contact the Motorola Customer Call Center at 1-800-331-6456 in the United States or 1-800-461-4575 in Canada.

About This Guide

Optional Features

This label identifies an optional network, SIM card, or subscription-dependent feature that may not be offered by all service providers in all geographical areas. Contact your service provider for more information.

Optional Accessories

This label identifies a feature that requires an optional Motorola Original™ accessory.

Installing the SIM Card

Your Subscriber Identity Module (SIM) card contains your phone number, service details, and phonebook/message information.

Caution: Do not bend or scratch your SIM card. Avoid exposing your SIM card to static electricity, water, or dirt.

Action
With your phone facing down, fit the SIM card into the slot, with the metal contacts facing down and the beveled corner pointed at the notch of the slot (as shown).
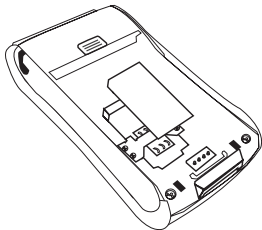
Note: Turn off your phone every time when you remove/insert the SIM card.

Installing the Battery

You must install and charge the battery to use your phone.

Your phone is designed to use only Motorola Original batteries and accessories. We recommend that you store batteries in their protective cases when not in use.

Action
1 Remove the battery from the plastic case.

Action

2 Insert the battery with the 2 tabs wedged into the battery slots.

Tabs
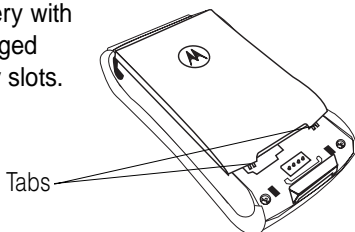
3 Latch the other end of battery door so that it clicks into place.

Charging the Battery

New batteries are partially charged. Before using your phone, charge the battery as described below. Some batteries perform best after several full charge/discharge cycles.

Action

1 With your phone facing up, plug in the travel charger, with the LED facing up.
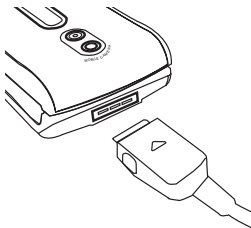
2 Plug the other end into the appropriate electrical outlet. The LED turns green when the battery is being charged.

3	When done charging, unplug the charger from the outlet, and press the release tabs to remove the charger from your phone.

When you charge the battery, the battery power level indicator in the external and internal displays shows how much of the charging process is complete. At least 1 segment of the battery power level indicator must be visible to ensure full phone functionality while charging.

When battery power is low, your phone will play the warning tones to warn you (see page 97). Charge the battery immediately.

If battery power runs out, your phone turns off.

Battery Use

To maximize your battery's performance:

- Always use Motorola Original™ batteries and battery chargers. The phone warranty does not cover damage caused from using non-Motorola batteries and/or battery chargers.

- Charging begins when LED on connector is lit. Batteries stored for a long time may require 10-20 minutes to charge before the display is turned on.

- Maintain the battery at or near room temperature when charging.

- Do not expose batteries to temperatures below -10°C (14°F) or above 45°C (113°F). Always take your phone with you when you leave your vehicle.

Getting Started

- When you do not intend to use a battery for a while, store it uncharged in a cool, dark, dry place, such as a refrigerator.

- Over time, batteries gradually wear down and require longer charging times. This is normal. If you charge your battery regularly and notice a decrease in talk time or an increase in charging time, then it is probably time to buy a new battery.

The rechargeable batteries that power this phone must be disposed of properly and may need to be recycled. Contact your local recycling center for proper disposal methods. Never dispose of batteries in a fire because they may explode. Refer to your battery's label for battery type.

Turning On Your Phone

	Action
1	Open your phone's flip.
2	Press and hold $\boxed{}$ to turn on the phone.
3	If necessary, enter your SIM card PIN code and press ⊙к to unlock the SIM card. **Caution:** If you enter an incorrect PIN code 3 times in a row, your phone disables the SIM card and displays **SIM Blocked**.
4	If necessary, enter your 4-digit unlock code and press ⊙к to unlock the SIM card.

	Action
5	Enter the current time (*HH:MM*) and press ⊙K to confirm.
6	Enter the current date (*YYYY/MM/DD*) and press ⊙K to confirm.

Your phone starts to connect to your service provider and then enters the idle display if connection is successfully established.

Getting Started

Adjusting the In-Call Volume

	Press	**To**
1	up in-call volume key	increase earpiece volume during a call
	or	**or**
	down in-call volume key	decrease earpiece volume during a call
2	⊙K	save the setting

Note: Adjust the in-call volume from the idle display.

Displaying Your Phone Number

You can display your phone number to people you call.

Tip: Scroll to **Preset** to use the default set by your service provider.

Find the Feature $\boxed{\equiv}$ > **Settings**
> **Call features**
> **Show number** > **On**

Making a Call

	Press	To
1	keypad keys	enter a phone number
		Tip: If you make a mistake, press **CLEAR** $\boxed{-}$ to clear the last digit, or press and hold **CLEAR** $\boxed{-}$ to clear all digits.
2	$\boxed{\textcircled{\tiny{0}}}$	make the call
3	$\boxed{\textcircled{\tiny{0}}}$	end the call

Tip: Press and hold $\boxed{*}$ to insert a "P" (pause character) and then enter an extension following it.

Tip: Press and hold $\boxed{0 +}$ to insert a "+" and then enter the country code, area code (omitting the starting 0), and phone number to make an international call.

Note: Dial phone numbers from the idle display.

Answering a Call

When you receive a call, your phone rings and/or vibrates and displays an incoming call message.

	Press	To
1	📞	answer the call
2	📴	end the call

Tip: When **Flip answer** is active, open the phone to answer the call. (To activate, press 🔲 > **Settings** > **Call features** > **Flip answer** > **ON**.)

Tip: When **Anykey answer** is active, press any of the keys except 📴 to answer the call. (To activate, press 🔲 > **Settings** > **Call features** > **Anykey answer** > **ON**.)

Note: If the phone is locked, you must unlock it to answer calls.

Muting/Unmuting a Call

When you are on a call:

	Press	To
1	OPTIONS ➖	open the options menu
2	◇	scroll to **Mute** or **Unmute**
3	⊙K	mute or unmute the call

Learning to Use Your Phone

Using the Internal Display

The *idle display* is the standard display when you are *not* on a call or using the menu.

Service Provider Name

Date

2003/12/10   21:52   Time

R.STYLE ≡ P.BOOK

Menu Indicator
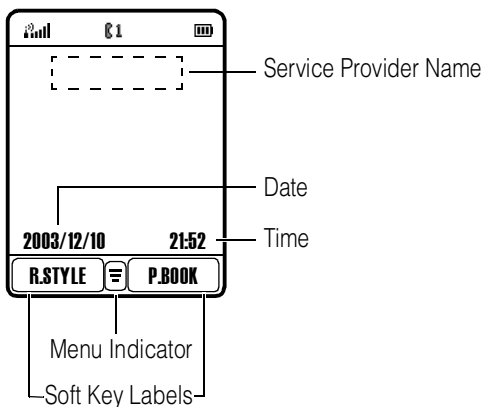
Soft Key Labels

The Menu indicator indicates that you can press the menu key ⌕ to display the main or options menu.

Labels at the bottom corners show the current soft key functions. Press the left soft key ⌷ or right soft key ⌷ to perform the function indicated by the left or right soft key label.

Press 〈◇〉 from the idle display to select 4 menu features.

You can also decide which 4 menu features you would like to select by setting the home keys (see page 94).

At the top of the display are the following status indicators:

Icon	Name	Description
📶	**Signal Strength**	Indicates strength of signal being received. The more vertical bars, the better the reception (5 bars maximum).
		Bars differ in color by the signal strength: **green > orange > red**.
🔋	**Battery Power Level**	Indicates remaining battery power. The more bars, the more battery power available (3 bars maximum).
		Bars differ in color by power level: **green > orange > red**. The icon flashes when battery power is near empty.

Icon	Name	Description
⟨✉	**New SMS Message**	Indicates new unread SMS message(s). The icon flashes when the SMS memory is full. You must read new SMS messages to receive more SMS messages.
⟨✉»	**New Voicemail Message**	Indicates new unheard voicemail message(s).
⟨✉»	**New SMS/Voicemail Message**	Indicates new unread/ unheard message(s).
▦	**New MMS Message**	Indicates new unread MMS message(s).
▦	**MMS Memory Full**	indicates the MMS memory is full. You must read new MMS messages to receive more MMS messages.
▦	**MMS Message Processing**	Indicates you are receiving/sending MMS message(s).
△»	**Ringer On**	Indicates ringer is turned on.
▒▐▒	**Vibrator On**	Indicates vibrator is turned on.
▷△	**Ringer/Vibrator On**	Indicates ringer and vibrator are turned on.

Icon	Name	Description
⅔△	**Silent**	Indicates ringer is turned off.
回 ⅗	**GPRS Mode**	Indicates you are on the GPRS network.
▲	**Roaming**	Indicates you are on another network.
⊙⊙	**Chatroom Mode**	Indicates you open **Chatroom** to have an online chat.
ℓ1 ℓ2	**Line 1/Line 2**	Indicates telephone line you are using.
⇋	**Call Connected**	Indicates you are on a call.
📱	**Call Waiting**	Indicates a call is waiting to answer.
📱	**Call Muted**	Indicates a call is muted.

Using Menus

From the idle display, press ⌧ to display the main menu.

Selecting a Menu Feature

To select a menu feature, starting from the idle display:

Find the Feature ⌧ > **Phonebook**
> **Add**

Use ◇ to scroll, and the left/right soft keys to select the
soft key functions listed in the bottom left and right corners
of the display. ◎ functions the same as the right soft key.

To select **Add** in a list, you may press $\boxed{2\,\text{ABC}}$.

Note: In this user's guide, "Find the Feature" always
indicates the feature's position in the main menu.

Entering Feature Information

Some features require you to enter information:

- Enter numbers or text with alphanumeric keys. A
  flashing cursor shows where text is entered.
- Press ◇ to select an option.
- If you enter or edit information and do not want to save
  changes, press $\boxed{}$ to exit without saving.

Entering Text

Multiple text entry modes make it easy for you to enter
names, numbers, and messages on your phone.

Setting Ready-to-Use Text Entry Modes

Find the Feature $\qquad\boxed{\equiv}$ > Settings
$\qquad\qquad\qquad$ > Input mode
$\qquad\qquad\qquad$ > Preferred input mode

Press	To
1 ◇	scroll to the desired text entry mode

	Press	To
2	ON ⊂ ➖ ⊃	select the mode
3	BACK ⊂ ➖ ⊃	change the settings
4	⊙Ⓚ	save the settings

Choosing a Text Entry Mode

Most text entry screens let you enter letters, numbers, and/or symbols as required.

Press ⊂ ☰ ⊃ (or ⊂ ☰ ⊃ > **Input mode**) from a text entry screen to select a text entry mode:

Note: The text entry mode you select remains active until you change it by selecting another mode.

To select a text entry mode with ease:

Action

Press ⊂ ✳ ⊃ to insert a space.

Press and hold ⊂ ⁰ ⁺ ⊃ to switch among **abc/Abc/ABC** text entry modes.

Learning to Use Your Phone

Action
Press 🔲 to select **Symbol**.
Press and hold 🔲 to switch between **123**/the default text entry mode.

Using TAP English

TAP English is the standard mode for entering text on your phone.

Press 🔲 > **Input mode** from any text entry screen and select **TAP English**.

	Press	To
1	keypad key 1 or more times	select a letter, number, or symbol
2	keypad keys	enter remaining characters
3	🆗	store text

General Text Entry Rules

Press a key repeatedly to cycle through its characters.

• If you do not press a key for 2 seconds, the highlighted character is accepted, and the cursor moves to the next position.

Setting Words to Complete Automatically

Word completion allows you to select a word from a list after you enter the 1st 3 characters.

Find the Feature ⬛ > **Settings**
  > **Input mode**
  > **Word completion** > **ON**

To enter text using **TAP English**:

	Press	**To**
1	keypad keys	enter the 1st 3 characters of a word
2	◇ up	open the possible words list
3	◇	scroll to the desired word
4	OK	select the word

Using iTAP™ Software Predictive Text Entry Mode

iTAP English is a predictive text entry mode that lets you enter a word using 1 key press per letter.

Press ⬛ > **Input mode** from any text entry screen, and select **iTAP English**.

Learning to Use Your Phone

Entering Words

	Press	**To**
1	keypad key 1 time	enter the 1st letter of a word
		Tip: The letters associated with the key are shown at the bottom of the display.
2	keypad keys (1 per letter)	enter the rest of a word
		Tip: Alternative words and letter combinations are shown at the bottom of the display. The word choices update with each key press.
3	◇	highlight the word you want
4	🆗	enter the word at flashing cursor location
		Tip: iTAP English automatically inserts a space after each word.

For example, to spell the word "art,"

press ⌈ 2 ABC ⌉ ⌈ 7 PQRS ⌉ ⌈ 8 TUV ⌉ . The display shows **art**.

Entering Novel Words

You can coin words **iTAP English** does not recognize.

	Action
1	Press **CLEAR** ⬜ 1 or more times to delete letters until a letter combination matches the start of the word.
2	Press ◇ to highlight letter or letter combination.
3	Press **OK** to select letter or letter combination.
4	Press ◇ left to move cursor to the left and "lock" the selected word portion.
5	Continue to enter letters and highlight letter combinations to spell the word.

Your phone stores the unrecognized word and includes it in the list of alternative word choices. When memory space for unrecognized words is filled, your phone deletes the oldest words as it adds new words.

Entering Punctuation

Press	To
[1] or [#]	enter punctuation

Entering Numbers

	Press	To
1	keypad key 1 time	prepare to put **iTAP English** in **123** text entry mode
2	◇	scroll to the number
3	keypad keys	enter numbers
4	OK	enter the numbers at flashing cursor location

Deleting Letters and Words

With the cursor to the right of the text you want to delete:

Action

Press **CLEAR** [—] to delete 1 letter at a time.

Press and hold **CLEAR** [—] to delete the entire line.

Using the External Display

The external display shows the phone status, including network signal and battery power level. Press the in-call volume key to show/hide time and date.

```
┌─────────────────────┐
│ ░ᵢ,ıl            ▥ │
└─────────────────────┘
```
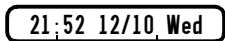
```
┌─────────────────────┐
│ 21:52 12/10 Wed     │
└─────────────────────┘
```
Time   Date

When you receive an incoming call, the external display may show the caller's number and name.

Note: To see a caller's name in the external display, the caller's number must match an entry in your phonebook. To create a phonebook entry, see page 71.

Locking and Unlocking Your Phone

You can lock your phone manually or set the phone to lock automatically whenever you turn it off. To use a locked phone, you must enter the unlock code. A locked phone still rings and/or vibrates for incoming calls/messages, *but you must unlock it to answer/read*.

You can make emergency calls on your phone even when it is locked.

Tip: Contact your service provider for the phone codes.

Learning to Use Your Phone

Locking Your Phone Manually

Find the Feature ⬛ > **Settings**
> **Security**
> **Code status** > **Phone lock**
> **Lock now**

	Press	**To**
1	keypad keys	enter your unlock code
2	🆗	lock the phone

Unlocking Your Phone

	Press	**To**
1	keypad keys	enter your unlock code
2	🆗	unlock the phone

Setting Your Phone to Lock Automatically

To lock your phone every time you turn it off:

Find the Feature ⬛ > **Settings**
> **Security**
> **Code status** > **Phone lock**
> **Automatic lock** > **ON**

Setting and Changing Codes

You can set and change the following codes that block

other people from using your phone and data in it:

PIN code	Lock your SIM card when you turn off your phone.
PIN2	Lock certain subscription-dependent features every time you use them.
Phone code	Lock your phone when you turn it off.
SIM lock	Lock your phone when you insert an unidentified SIM card.

Tip: Contact your service provider for those codes.

To set codes:

Find the Feature ⬛ = **> Settings**
> Security > Code status

To change codes:

Find the Feature ⬛ = **> Settings**
> Security > Change code

If You Forget Codes

If you forget your codes, contact your service provider.

If You Enter the Wrong PIN or PIN2 Code 3 Times in a Row

If you enter a wrong PIN or PIN2 code 3 times in a row,
your phone prompts you to enter the PUK or PUK2 code to

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unblock your SIM card. For the PUK and PUK2 codes, contact your service provider.

Setting Up Your Phone

Adjusting the Backlight

You can set the amount of time that the display and keypad backlights remain on, or turn off backlights to extend battery life.

Find the Feature $\boxed{\equiv}$ > Settings
> Backlight

Adjusting Display Contrast

Find the Feature $\boxed{\equiv}$ > Settings
> Adjust contrast

	Press	To
1	◇ right/left	scroll to the desired contrast
2	OK	select the contrast

Setting Time and Date

To see time and date in the idle displays, set time and date first:

Find the Feature $\boxed{\equiv}$ > Settings
> Clock
> Set the time/Set the date

Then set the date format:

Find the Feature ⬚≡ > Settings
> Clock > Date format

To see time and date in the internal idle display:

Find the Feature ⬚≡ > Settings
> Clock > Show clock > ON

To see time and date in the external idle display:

Press	To
the in-call volume key	display time and date in the external display

Setting Local Time

Find the Feature ⬚≡ > Settings
> Clock > Local time zone

Setting Power-Off Time

Find the Feature ⬚≡ > Settings
> Auto power off > On

Tip: Press ⬦ right/left to select a **Repeat type**.

Setting Display Color

Find the Feature ⬚≡ > Settings
> Display > Color scheme

Setting a Wallpaper Image

You can set a picture or animation as a wallpaper (background) image in your phone's internal display.

Note: When you set an animation as a wallpaper image, only the 1st frame of the animation displays.

Find the Feature $\boxed{\equiv}$ > Settings
> Display
> Wallpaper

Setting a Screen Saver Image

You can set a picture or animation as a screen saver image in your phone's internal display. The image displays when no activity occurs in 1 minute (the default, but it depends on regions).

An animation repeats for 3 minutes; then the last frame of the animation displays.

Find the Feature $\boxed{\equiv}$ > Settings
> Display
> Screen saver

Tip: Scroll to Off or Power saving to turn off Screen saver to extend battery life.

Using Anykey Answer

Press any keys except $\boxed{\underset{\circ}{\frown}}$ to answer calls.

Find the Feature $\boxed{\equiv}$ > Settings
> Call features
> Anykey answer > ON

Using Flip Answer

Find the Feature $\boxed{\equiv}$ > Settings
                           > Call features
                           > Flip answer > ON

Setting an Ambient Light Sensor

Find the Feature $\boxed{\equiv}$ > Settings
                           > Light sensor

Calling Features

Putting a Call on Hold

When you are on a call, you can put the call on hold.

	Press	To
1	OPTIONS ⬜	open the options menu
2	◇	scroll to **Hold** **Tip:** Scroll to **Activate** to answer the call on hold.
3	OK	put the call on hold

Answering a New Call

When you are on a call, you can answer a new incoming call.

To turn on **Call waiting**:

Find the Feature　　⬚ > **Settings**
　　　　　　　　　　　　　 > **Call features** > **Call waiting**
　　　　　　　　　　　　　 > **On**

To answer a new incoming call:

	Press	To
1	📞	put the call on hold and answer the new call

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	Press	To
2	[phone icon]	end the new call and continue with the call

Tip: If you have an active call, a held call, and a new incoming call, you must end the active or held call to answer the new incoming call. Depending on your service provider, you can also transfer an incoming call to another phone. (To activate, press **OPTIONS** [—] > **Deflection** > enter the desired phone number > press [phone icon].)

Making a New Call

When you are on a call, you can make a new outgoing call.

	Press	To
1	OPTIONS [—]	open the options menu
2	OK	select **Dial new call**
3	keypad keys	enter the phone number
4	[phone icon]	dial the phone number

Making an Emergency Call

With or without your SIM card installed, you can make an emergency call to the Emergency phone number your service provider gave you.

	Press	To
1	keypad keys	enter the phone number

Press	To
2 $\boxed{\mathbb{C}}$	dial the phone number

Selecting a Phone Number to Use

You can select a phone number (line) to make and receive calls.

Find the Feature $\boxed{\equiv} >$ **Settings**
$>$ **Call features** $>$ **Phone lines**

Redialing Automatically

Find the Feature $\boxed{\equiv} >$ **Settings**
$>$ **Call features**
$>$ **Auto redial** $>$ **ON**

Checking Recent Calls

Find the Feature $\boxed{\equiv} >$ **Recent calls**
$>$ **Missed calls/Received calls/ Dialed calls**

Tip: If the phone number of the selected recent call displays, press $\boxed{\mathbb{C}}$ to dial.

Erasing Recent Calls

You can erase 1 or all of the recent calls.

Calling Features

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Erasing a Recent Call

Find the Feature $\boxed{\equiv}$ > Recent calls
> Missed calls/Received calls/
Dialed calls

	Press	To
1	◇	scroll to a recent call you want to erase
2	$\boxed{\equiv}$	open the options menu
3	◇	scroll to **Erase**
4	⊙K	erase the selected recent call

Erasing All Recent Calls

Find the Feature $\boxed{\equiv}$ > Recent calls
> Erase all

Redialing Recent Calls

You can redial recent calls if the phone number displays.

Find the Feature $\boxed{\equiv}$ > Recent calls
> Missed calls/Received calls/
Dialed calls

	Press	To
1	◇	scroll to the desired recent call

	Press	To
2	⬚	open the options menu
3	◇	scroll to **Call**
4	OK	make the phone call

Saving Recent Calls in Your Phonebook

You can save recent calls as phonebook entries if the phone number displays.

Find the Feature　　⬚ > **Recent calls**
> **Missed calls/Received calls/ Dialed calls**

	Press	To
1	◇	scroll to the desired recent call
2	⬚	open the options menu
3	◇	scroll to **Save**
4	OK	select **Save**
5	keypad keys	enter a name
6	OK	save the entry in your phonebook

Calling Features

Messages and Chat

You can write, send, and receive messages, either by Short Messaging Service (SMS) or by Multimedia Messaging Service (MMS). You can also open a chatroom to have an online chat.

Writing an SMS Message

You can insert quick notes, phonebook entries (numbers or names), image objects (pictures or animations), and sound objects (sounds or melodies) when writing an SMS message.

Find the Feature ⬚ > **Msg. center**
> **Text messages**
> **Write message**

	Press	**To**
1	keypad keys	enter text
2	⬚	open the options menu
3	◇	scroll to the desired option
4	OK	select the option
5	◇	scroll to the desired sub-option, if necessary
6	OK	select the sub-option, if necessary

	Press	To
7		scroll to the desired object you want to insert to your SMS message
8	OK	select the object
		Tip: Repeat steps 7-8, if necessary.

Sending an SMS Message

After you finish writing an SMS message:

	Press	To
1	SEND $\boxed{-}$	select **SEND**
2	P.BOOK $\boxed{-}$	open your phonebook
3		scroll to the desired entry
4	OK	select the entry
5		scroll to the desired phone number
6	OK	select the phone number
7	BACK $\boxed{-}$	return to the previous menu
		Tip: Repeat steps 3-7 to add other recipients.
8	BACK $\boxed{-}$	return to the previous menu
9	$\boxed{=}$	open the options menu

	Press	To
10	◇	scroll to **Send**
11	OK	send your SMS message

Saving an SMS Message as a Draft

After you finish writing an SMS message:

	Press	To
1	▭	open the options menu
2	◇	scroll to **Save to drafts**
3	OK	select **Save to drafts**
4	P.BOOK ▭	select a recipient
5	◇	scroll to the desired entry
6	OK	select the entry
7	◇	scroll to the desired phone number
8	OK	select the phone number
9	SAVE ▭	save your SMS message in **Msg. center** > **Text messages** > **Drafts**

Writing an MMS Message

An MMS message may consist of several page sets. A page set includes an image object 🖼 (photo/picture/animation/video), a sound object 🎵 (melody/voice note), and/or text objects (quick note/phone number).

Note: You can insert only 1 image or sound object to a page set. To insert more objects, press **YES** ⬜ when displays **… existed, add to next page?**.

Find the Feature ⬜ > Msg. center
> Multimedia msgs.
> Write message

	Press	To
1	keypad keys	enter text
2	⬜	open the options menu
3	◇	scroll to **Insert object**
4	OK	select **Insert object**
5	◇	scroll to the desired option
6	OK	select the option
7	◇	scroll to the desired sub-option, if necessary

	Press	To
8	OK	select the sub-option, if necessary
		Tip: Repeat steps 7-8, if necessary.
9	◇	scroll to the desired object you want to insert to your MMS message
10	OK	select the object
		Tip: Repeat steps 9-10, if necessary.
11	OK	insert the selected object

Going to a Page Set

In any page set:

	Press	To
1	▭	open the options menu
2	◇	scroll to **Go to...**
3	OK	select **Go to...**
4	◇	scroll to the desired page set
5	OK	go to the selected page set

Displaying an Object in a Page Set

In the desired page set:

	Press	**To**
1	⌷≡⌷	open the options menu
2	◇	scroll to **View object**
3	OK	select **View object**
4	◇	scroll to the desired object
5	OK	display the selected object

Deleting an Object from a Page Set

In the desired page set:

	Press	**To**
1	⌷≡⌷	open the options menu
2	◇	scroll to **Remove object**
3	OK	select **Remove object**
4	◇	scroll to the desired object
5	OK	select the object
6	OK	delete the selected object

Deleting a Page Set

You can delete a page set, including all objects and a page. If there is only 1 page set, you can delete all objects, not a page from it.

In the desired page set:

	Press	**To**
1	⬛	open the options menu
2	◇	scroll to **Delete page**
3	OK	delete the selected page set, including all objects and a page

In the only 1 page set:

	Press	**To**
1	⬛	open the options menu
2	◇	scroll to **Delete page**
3	OK	delete all objects, not a page from the only 1 page set

Previewing an MMS Message

In any page set:

	Press	**To**
1	⬛	open the options menu

	Press	To
2	◇	scroll to **Preview**
3	⊙K	select **Preview**
4	◇	preview the next/previous page set

Sending an MMS Message

Note: To send/receive MMS messages, you must apply for MMS from your service provider(s) and then select a service provider to use MMS, which are offered via GPRS your selected service provider provides. To select a service provider, press `▭` > **Browser** > **Profiles**, or press `▭` > **Msg. center** > **Settings** > **Multimedia msgs.** > **Connection settings**.

To send by a phone number:

	Press	To
1	SEND `━`	select **SEND**
2	P.BOOK `━`	open your phonebook
3	◇	scroll to the desired entry
4	⊙K	select the entry
5	◇	scroll to the desired phone number
6	⊙K	select the phone number

	Press	To
7	BACK ⬜	return to the previous menu
		Tip: Repeat steps 3-7 to add other recipients.
8	BACK ⬜	return to the previous menu
9	⬜	open the options menu
10	◇	scroll to **Send**
11	OK	send your MMS message

To send by an e-mail address:

	Press	To
1	SEND ⬜	select **SEND**
2	⬜	open the options menu
3	◇	scroll to **New e-mail address**
4	OK	select **New e-mail address**
5	keypad keys	enter an e-mail address
6	OK	add the e-mail address to the **Recipients** box
		Tip: Repeat steps 2-6 to add other recipients.
7	⬜	open the options menu
8	◇	scroll to **Send**

Press		To
9	OK	send your MMS message

Saving an MMS Message as a Draft

After you finish writing an MMS message:

	Press	To
1	三	open the options menu
2	◇	scroll to **Set title**
3	OK	select **Set title**
4	keypad keys	enter a name
5	OK	save the name
6	三	open the options menu
7	◇	scroll to **Save to drafts**
8	OK	save your MMS message in **Msg. center** > **Multimedia msgs.** > **Drafts**

Checking a Received SMS/MMS Message

Find the Feature   ⬛ > Msg. center
                              > Text messages/
                                Multimedia msgs. > Inbox

	Press	To
1	🔘	scroll to the desired message
2	**OK**	check the selected message

Checking a Sent or Unsent SMS/MMS Message

Find the Feature   ⬛ > Msg. center
                              > Text messages/
                                Multimedia msgs. > Outbox

📩   This icon indicates a sent SMS message.

📩   This icon indicates an unsent SMS message.

🖼   This icon indicates a sent MMS message.

📩   This icon indicates an unsent MMS message.

	Press	To
1	🔘	scroll to the desired message

Press	To
2 OK	check the selected message

Checking a Draft SMS/MMS Message

Find the Feature   ☰ > Msg. center
> Text messages/
  Multimedia msgs. > Drafts

📑   This icon indicates a draft SMS message.

📰   This icon indicates a draft MMS message.

Press	To
1 ◇	scroll to the desired message
2 OK	check the selected message

Managing an SMS/MMS Message

You can perform these functions on a SMS/MMS message stored in your Inbox, Outbox, or Drafts folder:

- Erase
- Send
- Reply
- Forward

- **Edit**

- **View** (to display objects)/**Save object**/**Object info.** (to check objects)

- **Use address** (to dial or save a phone number, to connect to a URL, or to save a URL as a bookmark)

- **Detail info.** (to check messages)

- **Callback** (to call to senders)

- **Open chatroom** (to chat with senders)

Find the Feature

> **Msg. center**
> > **Text messages/**
> > **Multimedia msgs.**
> > **Inbox/Outbox/Drafts**

	Press	To
1		scroll to the desired message
2	OK	select the message
3	OPTIONS	open the options menu
	or	

Editing an MMS Template

You can edit an MMS template and save it either in **Msg. center > Multimedia msgs. > Drafts**, or in **Msg. center > Multimedia msgs. > MMS template**.

Find the Feature   `≡` **> Msg. center
> Multimedia msgs.
> MMS template**

Setting a Voice Mail Service Number

Your service provider may set a voice mail service number before you receive your phone. If not, refer to the following procedures.

Find the Feature   `≡` **> Msg. center
> Voice mailbox**

	Press	To
1	keypad keys	enter the voice mail service number your service provider provided
2	OK	save the setting

Setting Message Topics

You can set topic messages you want to receive from your service provider, such as traffic reports and today's news.

Find the Feature 　　　⬛ > Msg. center
　　　　　　　　　　　　> Cell broadcast

Setting Service Commands

You can set service commands you want your service provider to operate.

Find the Feature 　　　⬛ > Msg. center
　　　　　　　　　　　　> Service command

	Press	To
1	keypad keys	enter the service command you want your service provider to operate
2	OK	send the service command to your service provider

Opening a Chatroom

You can open up to 4 chatrooms and have an online chat.

Find the Feature 　　　⬛ > Chatroom

	Press	To
1	◇	scroll to any chatroom
2	NAMES ⟋⟍	select from your phonebook a person you want to have a chat with
3	◇	scroll to the desired entry
4	OK	select the entry
5	◇	scroll to the desired phone number
6	OK	select the phone number
7	OK	save the setting
8	keypad keys	enter your nickname
9	OK	save the setting
10	keypad keys	enter your message
11	SEND ⟋⟍	send your message

Adding a Quick Note to Your Chatroom Message

	Press	To
1	☰	open the options menu
2	◇	scroll to **Insert quick note**

	Press	To
3	OK	select **Insert quick note**
4	◇	scroll to the desired quick note
5	OK	add the selected quick note to your message

Adding a Smiley Symbol to Your Chatroom Message

	Press	To
1	▤	open the options menu
2	◇	scroll to **Insert smiley**
3	OK	select **Insert smiley**
4	◇	scroll to the desired smiley symbol
5	OK	add the selected smiley symbol to your message

Editing Your Nickname

	Press	To
1	▤	open the options menu
2	◇	scroll to **Nickname**
3	OK	select **Nickname**

	Press	**To**
4	keypad keys	edit your nickname
5	OK	save the setting

Editing a Chatroom Phone Number

	Press	**To**
1	⬛	open the options menu
2	◈	scroll to **Chat Numbers**
3	OK	select **Chat Numbers**
4	keypad keys	edit a chatroom phone number
5	OK	save the setting

Checking Old Chatroom Messages

	Press	**To**
1	⬛	open the options menu
2	◈	scroll to **View history**
3	OK	check old messages

Setting SMS

Find the Feature   `▤` > Msg. center
                               > Settings > Text messages

Setting MMS

Find the Feature   `▤` > Msg. center
                               > Settings > Multimedia msgs.

Setting Memory for Saving SMS Messages

Find the Feature   `▤` > Msg. center
                               > Settings > Memory in use
                               > Select SMS memory

Checking SIM Card/Phone Memory for Saving SMS Messages

Find the Feature   `▤` > Msg. center
                               > Settings > Memory in use
                               > SMS status

Checking Phone Memory for Saving MMS Messages

Find the Feature   `▤` > Msg. center
                               > Settings > Memory in use
                               > MMS status

Setting Up Your Phonebook

Setting Memory for Saving Your Phonebook

Find the Feature ⬛ > Phonebook
> Option > Memory

Checking SIM Card/Phone Memory for Saving Your Phonebook

Find the Feature ⬛ > Phonebook
> Option > Memory status

📷 *X*/100	Number (*X*) of phone numbers in SIM card memory. You can store up to 100 phone numbers in SIM card memory. **Note:** The capacity of SIM card memory depends on your service provider settings.
📖 *X*/300	Number (*X*) of phone numbers in phone memory. You can store up to 300 phone numbers in phone memory.

Number (*X*) of notes in phone memory. You can store up to 100 notes in phone memory.

Creating a Phonebook Entry

Find the Feature 〒 > Phonebook
                       > Add

	Press	To
1	keypad keys	enter a name
2	OK	save the name
3	keypad keys	enter a phone number
4	OK	save the phone number

Phonebook Entry Options

You can perform several functions on a phonebook entry:

Option	Description
Edit	edit a phone number/name
Add number*	add phone number(s) (up to 4)
Set as default*	set a phone number to be called by default
Change type	change a phone number type
Add text*	add note(s)
Change group	set a caller group

Option	Description
Add picture*	create an incoming call display icon
Remove picture*	remove an incoming call display icon
Copy	copy/move a phonebook entry saved on SIM card or phone memory to phone or SIM card memory
Erase	remove phonebook entry(ies) or note(s)

* The option is available only for the phone number/name saved on phone memory.

Find the Feature ⬛ > Phonebook
> Search

	Press	To
1	keypad keys	enter the 1st letter(s) of a name
2	OK	open your phonebook
3	◇	scroll to the desired entry
4	OK	select the entry
5	◇	scroll to the name or the desired phone number/note
6	⬛	open the options menu

Sorting Phonebook Entries

Find the Feature   〔≡〕 > Phonebook
                        > Option > Sort by

Looking Up Your Phonebook to Make a Call

You can look up your phonebook and then make a phone call from the idle display.

To turn on **Dialing number lookup** 1st:

Find the Feature   〔≡〕 > Phonebook
                        > Option
                        > Dialing number lookup > ON

To dial from the idle display:

	Press	**To**
1	keypad keys	enter the 1st letter(s) of a name
2	◇	scroll to the desired entry
3	📞	make a phone call

Setting 1-Touch Dialing Numbers

You can press and hold a key from 〔2 ABC〕 to 〔9 WXYZ〕 to make the phone call from the idle display.

To turn on **Speed dialing** 1st:

Find the Feature   [≡] > **Settings**
                                       > **Call features**
                                       > **Speed dialing** > **ON**

To set 1-touch dialing numbers:

Find the Feature   [≡] > **Phonebook**
                                       > **Speed dial**

	Press	To
1	◇	scroll to the desired speed dial key
2	OK	open your phonebook
3	◇	scroll to the desired entry
4	OK	assign the key for the selected phone number

Checking 1-Touch Dialing Numbers

Find the Feature   [≡] > **Phonebook**
                                       > **Speed dial**

	Press	To
1	◇	scroll to the desired name

	Press	To
2	⬚	open the options menu
	or	**or**
	VIEW ⬚	check the selected phonebook entry
3	OK	check the selected phonebook entry

Changing 1-Touch Dialing Numbers

Find the Feature　　　⬚ > **Phonebook**
　　　　　　　　　　　　　> **Speed dial**

	Press	To
1	◇	scroll to the desired name
2	⬚	open the options menu
3	◇	scroll to **Change**
4	OK	select **Change**
5	◇	scroll to the desired phonebook entry
6	OK	assign the speed dial key for the selected phone number

Erasing 1-Touch Dialing Numbers

Find the Feature　　　⬚ > **Phonebook**
　　　　　　　　　　　　　> **Speed dial**

	Press	To
1	◇	scroll to the desired name
2	▭	open the options menu
3	◇	scroll to **Erase**
4	OK	erase the speed dial key from the selected phone number

Renaming a Caller Group

Find the Feature   ▭ > Phonebook
           > Caller group

	Press	To
1	◇	scroll to the desired caller group
2	OK	select the caller group
3	OK	select **Rename**
4	keypad keys	enter a new name
5	OK	save the new name

Setting a Caller Group Ring Tone

You can select a ring tone for a caller group to use. The ring tone plays when 1 of the caller group calls you.

Find the Feature
⬜ > **Phonebook**
 > **Caller group**

	Press	To
1	◇	scroll to the desired caller group
2	🆗	select the caller group
3	◇	scroll to **Ring tone**
4	🆗	select **Ring tone**
5	◇	scroll to the desired ring tone
6	🆗	select the ring tone

Setting a Default Image as a Caller Group Icon

You can select a default image for a caller group to use. The image displays when 1 of the caller group calls you.

Find the Feature
⬜ > **Phonebook**
 > **Caller group**

To turn on **Graphic** 1st:

	Press	To
1	◇	scroll to the desired caller group
2	OK	select the caller group
3	◇	scroll to **Graphic**
4	OK	select **Graphic**
5	ON ▭	turn on **Graphic**

To set a caller group icon:

	Press	To
1	◇	scroll to **View**
2	OK	select **View**
3	◇	scroll to the desired icon
4	OK	select the icon

Setting a Multimedia Center Object as a Caller Group Icon

You can also set a photo, picture, or an animation in **Media center** as a caller group icon.

Find the Feature　　　[▥] > Phonebook
　　　　　　　　　　　　　　　　> Caller group

To turn on **Graphic** 1st:

	Press	To
1	◇	scroll to the desired caller group
2	OK	select the caller group
3	◇	scroll to **Graphic**
4	OK	select **Graphic**
5	ON [—]	turn on **Graphic**

To set a caller group icon:

	Press	To
1	◇	scroll to **View**
2	OK	select **View**
3	◇	scroll to **Media center**

	Press	To
4	OK	select **Media center**
5	◇	scroll to the desired option
6	OK	select the option
7	◇	scroll to the desired folder, if necessary
8	OK	select the folder, if necessary
9	◇	scroll to the desired object
10	OK	select the object
11	OK	set the selected object as the caller group icon

Creating Your Personal Phonebook Entries

Find the Feature $\boxed{\equiv}$ **> Phonebook**
> Personal number

To create the 1st phonebook entry of your own:

	Press	To
1	keypad keys	enter your name
2	OK	save your name
3	keypad keys	enter your phone number

	Press	**To**
4	OK	save your phone number

To add other phonebook entries of your own:

	Press	**To**
1	⬛	open the options menu
2	◇	scroll to **Add**
3	OK	select **Add**
4	keypad keys	enter your name
5	OK	save your name
6	keypad keys	enter your phone number
7	OK	save your phone number

Editing Your Personal Phonebook Entries

Find the Feature ⬛ > **Phonebook**
 > **Personal number**

	Press	**To**
1	◇	scroll to the desired entry

	Press	**To**
2	EDIT $\boxed{-}$	prepare to edit the selected entry
	or	
	$\boxed{=}$ > OK	
3	keypad keys	enter your name
4	OK	save your name
5	keypad keys	enter your phone number
6	OK	save your phone number

Erasing Your Personal Phonebook Entries

Find the Feature $\boxed{=}$ > Phonebook
> Personal number

	Press	**To**
1	◇	scroll to the desired entry
2	$\boxed{=}$	open the options menu
3	◇	scroll to **Erase**
4	OK	erase the selected entry

Setting Fixed Dialing Numbers

You can restrict outgoing calls to phone numbers that begin with the same digit(s) you set on the fixed dialing list.

Tip: Enter the PIN2 code to set **Fixed dial number**.

Find the Feature $\boxed{=}$ > Phonebook
> **Fixed dial number**

To turn on **Fixed dial number** 1st:

	Press	To
1	ON $\boxed{-}$	turn on **Enable fixed dialing**
2	keypad keys	enter the PIN2 code
3	OK	turn on **Fixed dial number**

To set the 1st fixed dialing number:

	Press	To
1	◇	scroll to **Number list**
2	OK	select **Number list**
3	OK	select **Add**
4	keypad keys	enter the PIN2 code
5	OK	confirm the code
6	keypad keys	enter a name

	Press	**To**
7	OK	save the name
8	keypad keys	enter a phone number
9	OK	save the phone number

To add other fixed dialing numbers:

Find the Feature $\boxed{\equiv}$ > Phonebook
> Fixed dial number
> Number list

	Press	**To**
1	◇	scroll to any fixed dialing entry
2	$\boxed{\equiv}$	open the options menu
3	◇	scroll to **Add**
4	OK	select **Add**
5	keypad keys	enter the PIN2 code
6	OK	confirm the code
7	keypad keys	enter a name
8	OK	save the name
9	keypad keys	enter a phone number
10	OK	save the phone number

Setting Up Your Phonebook

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Changing Fixed Dialing Numbers

Find the Feature　　　　⟨≡⟩ > Phonebook
　　　　　　　　　　　　　　　> Fixed dial number
　　　　　　　　　　　　　　　> Number list

	Press	To
1	◇	scroll to the desired fixed dialing entry
2	EDIT ⟨−⟩	select EDIT/Edit
	or	
	⟨≡⟩ > OK	
3	keypad keys	enter the PIN2 code
4	OK	confirm the code
5	keypad keys	enter a name
6	OK	save the name
7	keypad keys	enter a phone number
8	OK	save the phone number

Erasing a Fixed Dialing Number

Find the Feature　　　　⟨≡⟩ > Phonebook
　　　　　　　　　　　　　　　> Fixed dial number
　　　　　　　　　　　　　　　> Number list

	Press	**To**
1	◇	scroll to the desired fixed dialing entry
2	▭	open the options menu
3	◇	scroll to **Erase**
4	OK	select **Erase**
5	keypad keys	enter the PIN2 code
6	OK	confirm the code
7	OK	erase the selected fixed dialing entry

Erasing All Fixed Dialing Numbers

Find the Feature ▭ > Phonebook
> Fixed dial number
> Number list

	Press	**To**
1	◇	scroll to any fixed dialing entry
2	▭	open the options menu
3	◇	scroll to **Erase all**
4	OK	select **Erase all**
5	keypad keys	enter the PIN2 code
6	OK	confirm the code

	Press	**To**
7	OK	erase all fixed dialing entries

Setting Voice Dialing Numbers

To dial by voice activation, press and hold the voice activation key from the idle display until **Please say name or command** displays; then say a name into the microphone. You can create up to 10 voice dialing numbers.

Note: This option is available only for phone numbers saved on phone memory.

Find the Feature ⌨ > **Phonebook**
                        > **Search**

	Press	**To**
1	keypad keys	enter the 1st letter(s) of a name
2	OK	open your phonebook
3	◇	scroll to the desired entry
4	OK	select the entry
5	◇	scroll to the desired phone number
6	⌨	open the options menu
7	◇	scroll to **Add voice tag**
8	OK	select **Add voice tag**

Press	To
9 OK	say a name into the microphone
	Tip: Repeat this step until **Voice tag saved** displays.

Playing Voice Dialing Number Commands

Find the Feature   ≡ > **Phonebook**
                        > **Voice tags**

Press	To
1 ◇	scroll to the desired entry
2 OK	play the selected entry command
or	
≡ > OK	

Changing Voice Dialing Number Commands

Find the Feature   ≡ > **Phonebook**
                        > **Voice tags**

Press	To
1 ◇	scroll to the desired entry
2 ≡	open the options menu

	Press	**To**
3	◇	scroll to **Change**
4	OK	select **Change**
5	OK	say a name into the microphone
		Tip: Repeat this step until **Voice tag saved** displays.

Erasing Voice Dialing Numbers

Find the Feature ◻️ > **Phonebook**
> **Voice tags**

	Press	**To**
1	◇	scroll to the desired entry
2	◻️	open the options menu
3	◇	scroll to **Erase**
4	OK	erase the selected voice dialing entry

Sending a Phonebook Entry

Find the Feature ◻️ > **Phonebook**
> **Search**

Setting Up Your Phonebook

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	Press	**To**
1	keypad keys	enter the 1st letter(s) of a name
2	OK	open your phonebook
3	⬥	scroll to the desired entry
4	OK	select the entry
5	⬜	open the options menu
6	⬥	scroll to **Send business card**
7	OK	select **Send business card**
8	OK	select **Send as SMS**
9	NAMES ⬜	open your phonebook
10	⬥	scroll to the desired recipient
11	OK	select the recipient
12	⬥	scroll to the desired phone number
13	OK	select the phone number
14	⬥ down	add other recipient(s), if necessary
		Tip: Repeat steps 9-14 to add other recipient(s).

	Press	To
15	SEND ⟨—⟩	send the selected phonebook entry

Sending a Phonebook Entry as an SMS Message

Find the Feature   ⟨≡⟩ > Phonebook
                          > Search

	Press	To
1	keypad keys	enter the 1st letter(s) of a name
2	🆗	open your phonebook
3	◇	scroll to the desired entry
4	🆗	select the entry
5	⟨≡⟩	open the options menu
6	◇	scroll to **Send message/Send business card**
7	🆗	select **Send message/Send business card**
		Tip: If you select **Send message**, see page 51 to write and send an SMS message. If you select **Send business card**, continue the following steps.

Press	**To**
8 ⬦	scroll to **Send as text**
9 🆗	select **Send as text** **Tip:** See page 51 to write and send an SMS message.

Creating Your Name Card

You can create your personal profile.

Find the Feature 　　　⬛ > **Phonebook**
　　　　　　　　　　　 > **My Own Card** > **Edit**

Press	**To**
1 ⬦	scroll to any blank box
2 keypad keys	enter the suitable words
3 🆗	save the settings

Checking Your Name Card

Find the Feature 　　　⬛ > **Phonebook**
　　　　　　　　　　　 > **My Own Card** > **View**

Sending Your Name Card

To select information on your name card you want to send:

Find the Feature   ⬚ > **Phonebook**
                          > **My Own Card**
                          > **Send my own** > **Info. setting**

	Press	To
1	◇	scroll to the desired information
2	ON ⬚	send the selected information
3	BACK ⬚	return to the previous menu
4	ⓞⓚ	save the settings

To send your name card:

Find the Feature   ⬚ > **Phonebook**
                          > **My Own Card**
                          > **Send my own**
                          > **Send as SMS/Send as text**

To **Send as SMS**, see "**Sending a Phonebook Entry**" on page 89.

To **Send as text**, see "**Sending a Phonebook Entry as an SMS Message**" on page 91.

Erasing Your Name Card

Find the Feature   ⬚ > **Phonebook**
                          > **My Own Card** > **Erase**

Personalizing Your Phone

Setting a Language

Find the Feature　　　$\boxed{=}$ > Settings
　　　　　　　　　　　　　　　　> Language

Replacing the Service Provider Name

You can replace the service provider name in the idle display with the standby logo you downloaded.

Find the Feature　　　$\boxed{=}$ > Settings
　　　　　　　　　　　　　　　　> Display > Standby logo > ON

Setting Home Keys

You can set the navigation key $\diamondsuit$, right soft key $\boxed{-}$,

and left soft key $\boxed{-}$ as shortcuts to menu features.

Find the Feature　　　$\boxed{=}$ > Settings
　　　　　　　　　　　　　　　　> Home keys

Restoring Factory Settings

Find the Feature $\boxed{\equiv}$ > Settings
                         > Restore factory settings

Note: Enter your phone's unlock code to restore factory settings.

Creating an Option Shortcut

Find the Feature $\boxed{\equiv}$ > Quick access
                         > Edit

	Press	**To**
1	◇	scroll to the desired option
2	🆗	select the option
3	keypad keys	enter a number between 1 and 9
4	SAVE ⭤	save the setting

Using an Option Shortcut

Find the Feature $\boxed{\equiv}$ > Quick access

	Press	**To**
1	◇	scroll to the desired option shortcut
2	🆗	open the selected option

Setting a Phone Profile

You can set a phone profile, which includes ring tone, key tone, and vibrator settings. You can also rename a phone profile.

Tip: Press and hold 😳 from the idle display to change phone profiles.

Turning On a Phone Profile

Find the Feature　　　⬜ > Profile
　　　　　　　　　　　　　> Normal/Meeting/Outdoors/
　　　　　　　　　　　　　　Car/Customized/Office
　　　　　　　　　　　　　> Activate

Tip: To turn on **Handsfree**, plug a handsfree kit in your phone's accessory port.

Tip: To turn on **Headset**, plug a headset kit in your phone's accessory port.

Customizing a Phone Profile

You can customize the following options for a phone profile:

Ringing volume　Select ring tone volume. Maximum is
　　　　　　　　　　Volume 5.

Ringing tone　　Select a ring tone.

Incoming call alert	Select how the ring tone works with incoming calls.
	Tip: Scroll to **Off** to turn off **Ringing tone**. If you turn off **Ringing tone** and turn on **Vibrating**, your phone vibrates when you receive calls.
Vibrating	Turn vibrator on or off.
Message alert tone	Select an alert tone when your phone receive messages.
	Tip: Scroll to **Off** to turn off **Message alert tone**. If you turn off **Message alert tone** and turn on **Vibrating**, your phone vibrates when it receive messages.
Key tone volume	Select key tone volume. Maximum is **Level 5**.
Key tone type	Select a key tone.
	Tip: Scroll to **Off** to turn off the key tone.
Warning tones	Turn on/off **Warning tones**, which are played when battery power is low or there is any operation error.
Startup music	Turn on/off **Startup music**, which is played when you turn on/off your phone.
Voice dial	Turn on/off **Voice dial**. To set voice dialing numbers, see page 87.
	Note: Voice dial is for **Handsfree/Headset** only.
Auto answer	Turn on/off **Auto answer**.
	Note: Auto answer is for **Handsfree/Headset** only.

Find the Feature $\boxed{\equiv}$ > Profile
                              > Normal/Meeting/Outdoors/
                                Car/ Customized/Office/
                                Handsfree/Headset
                              > Customize

Renaming a Phone Profile

Find the Feature $\boxed{\equiv}$ > Profile
                              > Meeting/Outdoors/Car/
                                Customized/Office > Rename

Muting Your Phone

Find the Feature $\boxed{\equiv}$ > Profile
                              > Silence > ON

Tip: Press and hold $\boxed{\#}$ to turn on/off **Silence** from the
idle display.

Getting More Out of Your Phone

Sending DTMF Tones

When you are on a call, you can send Dual Tone Multi-Frequency (DTMF) tones, for example, to enter your account number during a banking service call.

Press	To
keypad keys	enter your account number

Making a Conference Call

In the idle display:

	Press	To
1	keypad keys	enter a phone number
2	☎	make the 1st call
3	keypad keys	enter a phone number
4	☎	make the 2nd call
		Tip: The 1st call is held when the 2nd call is active.
5	OPTIONS ⌐	open the options menu

	Press	To
6	◇	scroll to **Conference**
7	OK	make a conference call

Ending a Conference Call

	Press	To
1	OPTIONS ⊟	open the options menu
2	◇	scroll to **End calls**
3	OK	select **End calls**
4	◇	scroll to the call you want to end
		or
		scroll to **All calls** (to end all calls at once)
5	OK	confirm your selection

Diverting Calls

You can turn on **Call divert** to divert incoming calls to another phone number.

Find the Feature $\boxed{\equiv}$ > Settings
> Call features > Call divert

Blocking Calls

You can block outgoing or incoming calls.

Note: Set a password to turn on/off **Call barring**.

Find the Feature $\boxed{\equiv}$ > Settings
> Call features > Call barring

Setting Fax, Data, and Voice Calls

In addition to voice calls, you can receive fax and data calls.

Use an optional Motorola Original™ data cable to connect your phone to your computer to receive fax and data calls.

Find the Feature $\boxed{\equiv}$ > Settings
> Call features > Next call

Setting a Service Network

You can either set your phone to connect to a service network manually, or set your phone to connect to a

service network automatically whenever you turn on your phone.

Find the Feature ⬜▤ > Settings
 > Network

Setting a Voice Call Connected Reminder

Tip: Scroll to **Off** to turn off the reminder.

Find the Feature ⬜▤ > Settings
 > Connection indication

Setting a Call Time Reminder

Tip: Scroll to **Off** to turn off the reminder.

Find the Feature ⬜▤ > Settings
 > Minute reminder

Checking Call Time

You can check the time you spent on different calls.

Find the Feature ⬜▤ > Recent calls
 > Call time > Last call/All
 calls/Received calls/Dialed
 calls

Clearing Call Time

Find the Feature ⬜▤ > Recent calls
 > Call time > Clear timer

Getting More Out of Your Phone

Setting a Call Cost Counter

Set a call cost counter to check the cost you spent on different calls.

Note: Enter the PIN2 code to set a call cost counter.

Find the Feature ⬜ > Recent calls
> Call cost > Setting

Clearing Call Cost

Note: Enter the PIN2 code to clear all call costs.

Find the Feature ⬜ > Recent calls
> Call cost > Clear cost

Checking Call Cost

After setting a call cost counter, you can check the cost you spent on different calls.

Find the Feature ⬜ > Recent calls
> Call cost > Last call/All calls

Checking Call Credit

Tip: Reset the call cost counter if you exceed the credit limit and cannot make more phone calls.

Find the Feature ⬚ **> Recent calls**
> Call cost > Credit remaining

Displaying In-Call Time/ Cost

Find the Feature ⬚ **> Recent calls**
> In-call count
> Call time/Call cost

Displaying Call Time/Cost after a Call

Find the Feature ⬚ **> Recent calls**
> Session information > ON

Using STK Services

You can use SIM Tool Kit (STK) services your service provider provides.

Find the Feature ⬚ **> STK**

Personal Organizer Features

Turning On the Alarm Clock

Find the Feature   `▤ > Alarm clock`
                              `> On`

	Press	**To**
1	keypad keys	enter the time
2	◇ down	highlight the **Repeat type** box
3	◇ right/left	scroll to the desired option
4	◇ down	highlight the **Vibrator** box
5	◇ right	turn on (put a check in) or turn off (delete a check from) the vibrator
6	◇ down	highlight the **Alarm tone** box
7	◇ right/left	scroll to the desired tone
8	SAVE ⊡	save the settings and turn on the alarm clock

Turning Off the Alarm Clock

Find the Feature　　　$\boxed{\equiv}$ > Alarm clock
　　　　　　　　　　　　　　　> Off

Creating a Calendar Note

Selecting a Date

Find the Feature　　　$\boxed{\equiv}$ > Tools
　　　　　　　　　　　　　　　> Calendar > Month mode

	Press	To
1	◇	scroll to the desired date
		Tip: If you created a calendar note on a date, the date is highlighted. The bold-faced date is the current date.
2	OK	select the date

Writing a Calendar Note

	Press	To
1	OK	select **Add new**
2	keypad keys	enter the time
3	◇ down	highlight the **Note type** box
4	◇ right/left	scroll to the desired option

	Press	To
5	◇ down	highlight the **Content** box
6	keypad keys	enter the content
7	◇ down	highlight the **Name** box
8	▭	open the options menu
9	◇	scroll to **From phonebook**
10	OK	select **From phonebook**
11	◇	scroll to the desired entry
12	OK	select the entry
13	◇	scroll to the desired phone number
14	OK	select the phone number
15	◇ down	highlight the **Circulation type** box
16	◇ right/left	scroll to the desired option
17	◇ down	highlight the **Alarm** box
18	◇ right/left	scroll to the desired option **Tip:** Scroll to **Off** to make the following **Vibrator** and **Alarm tone** options unavailable.

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Press		To
19	down	highlight the **Vibrator** box
20	right	turn on (put a check in) or turn off (delete a check from) the vibrator
21	down	highlight the **Alarm tone** box
22	right/left	scroll to the desired option
23	SAVE ⊡	save the settings

Moving/Copying a Calendar Note to Another Date

Find the Feature   ⊟ > **Tools**
                  > **Calendar** > **View all notes**

Press		To
1		scroll to the desired calendar note
2	OK	select the calendar note
3	⊟	open the options menu
4		scroll to **Move** or **Copy**
5	OK	select **Move** or **Copy**
6	keypad keys	enter a date

	Press	To
7	OK	move or copy the selected calendar note to the specified date

Sending a Calendar Note as an SMS Message

Find the Feature $\boxed{\equiv}$ > Tools
> Calendar > View all notes

	Press	To
1	◇	scroll to the desired calendar note
2	OK	select the calendar note
3	☰	open the options menu
4	◇	scroll to **Send note**
5	OK	select **Send note**
6	◇	scroll to **Send as text**
7	OK	select **Send as text** **Tip:** See page 51 to write and send an SMS message.

Making a Call from a Calendar Note

Find the Feature   `≡` > Tools
                        > Calendar > View all notes

	Press	To
1	◇	scroll to the desired calendar note
2	OK	select the calendar note
3	`≡`	open the options menu
4	◇	scroll to **Call**
5	OK	make a call

Checking a Calendar Note

Find the Feature   `≡` > Tools
                        > Calendar > View all notes

Press	To
◇	check the desired calendar note

Erasing a Calendar Note

Find the Feature   `≡` > Tools
                        > Calendar > Erase notes
                        > One by one

	Press	To
1	◇	scroll to the desired calendar note
2	OK	erase the selected calendar note

Creating an Account Book

Find the Feature 　　 ⬜ > Tools
　　　　　　　　　　　　　> Calendar > Account book
　　　　　　　　　　　　　> Make accounts

	Press	To
1	keypad keys	enter a date
2	◇ down	highlight the **Amount** box
3	keypad keys	enter an amount
4	◇ down	highlight the **Item** box
5	keypad keys	describe an item
6	◇ down	highlight the **In/Out** box
7	◇ right/left	scroll to the desired option
8	SAVE ⬜	save the settings

Checking Your Income

Find the Feature $\boxed{\equiv}$ > Tools
> Calendar > Account book
> Total count > Of chosen
  month/All accounts > In

Checking Your Expense

Find the Feature $\boxed{\equiv}$ > Tools
> Calendar > Account book
> Total count > Of chosen
  month/All accounts > Out

Checking Your Balance

Find the Feature $\boxed{\equiv}$ > Tools
> Calendar > Account book
> Total count > Of chosen
  month/All accounts
> Balance

Erasing Account Books

Find the Feature $\boxed{\equiv}$ > Tools
> Calendar > Account book
> Erase accounts

Using the Calculator

Find the Feature $\boxed{\equiv}$ > Tools
> Calculator

To perform simple calculations:

	Press	**To**
1	number keys	enter numbers
	$\boxed{*}$	enter a decimal point
	◇ up	**Add**
	◇ down	**Subtract**
	◇ right	**Divide**
	◇ left	**Multiply**
2	$\boxed{\#}$	display the result

To convert currency:

	Press	**To**
1	OPTIONS $\boxed{-}$	open the options menu
2	◇	scroll to **Exchange rate**
3	OK	select **Exchange rate**
4	◇	scroll to **Foreign unit expressed in domestic units** or **Domestic unit expressed in foreign units**

	Press	**To**
5	OK	select **Foreign unit expressed in domestic units** or **Domestic unit expressed in foreign units**
6	keypad keys	enter an exchange rate
		Tip: Press `#` to enter a decimal point.
7	OK `—`	save the setting
8	BACK `—`	return to the previous menu
9	BACK `—`	return to the previous menu
10	number keys	enter numbers
11	OPTIONS `—`	open the options menu
12	◇	scroll to **In foreign** or **In domestic**
13	OK	display the result

Using the Stopwatch

To use your phone's stopwatch to perform split or lap timing:

Find the Feature   `≡` > **Tools**
　　　　　　　　　　　　　 > **Stopwatch**
　　　　　　　　　　　　　 > **Split timing/Lap timing**

	Press	**To**
1	START `—`	start the operation

	Press	To
2	SPLIT/LAP ⌧	end the current timing and continue to start a new 1
3	STOP ⌧	stop the operation

Saving Records

To save records after you stop the operation:

	Press	To
1	OPTIONS ⌧	open the options menu
2	◇	scroll to **Save**
3	OK	select **Save**
4	keypad keys	enter a name
5	OK ⌧	save records

Resuming the Operation

To resume the operation after you stop it:

	Press	To
1	OPTIONS ⌧	open the options menu
2	OK	resume the operation

Clearing Records

To clear records after you stop the operation:

	Press	**To**
1	OPTIONS ⬚	open the options menu
2	◇	scroll to **Reset**
3	⊙K	clear records

Checking a Records File

Find the Feature ⬚ > **Tools**
> **Stopwatch** > **View times**

Erasing a Records File

Find the Feature ⬚ > **Tools**
> **Stopwatch**
> **Erase times** > **One By One**

Erasing All Records Files

Find the Feature ⬚ > **Tools**
> **Stopwatch**
> **Erase times** > **All at once**

Setting Voice-Activated Options

To turn on an option using voice activation, press and hold the voice activation key from the idle display until **Please say**

name or command displays; then say a command into the microphone.

Find the Feature $\boxed{\equiv}$ > **Tools**
                      > **Voice commands**

	Press	To
1	◇	scroll to **Add command**, if necessary
2	OK	select **Add command**
3	◇	scroll to the desired option
4	OK	select the option
5	OK	say a command into the microphone **Tip:** Repeat this step until **Voice command saved** displays.

Playing Voice-Activated Option Commands

Find the Feature $\boxed{\equiv}$ > **Tools**
                      > **Voice commands**

	Press	To
1	◇	scroll to the desired voice-activated option
2	OK	select the voice-activated option

Press		To
3	OK	play the selected voice-activated option command

Changing Voice-Activated Option Commands

Find the Feature   ⌘ > **Tools**
                                    > **Voice commands**

Press		To
1	◇	scroll to the desired voice-activated option
2	OK	select the voice-activated option
3	◇	scroll to **Change**
4	OK	select **Change**
5	OK	say a command into the microphone
		Tip: Repeat this step until **Voice command saved** displays.

Erasing Voice-Activated Options

Find the Feature   ⌘ > **Tools**
                                    > **Voice commands**

	Press	To
1	◇	scroll to the desired voice-activated option
2	OK	select the voice-activated option
3	◇	scroll to **Erase**
4	OK	select **Erase**
5	OK	erase the voice-activated option

Displaying World Time

Find the Feature   ▭ > **Settings**
                              > **Clock** > **World clock**

	Press	To
1	◇	scroll to the desired place
2	OK	display information on the selected place

Turning On Your Phone's Voice Recorder

You can use your phone's voice recorder to record up to 30 seconds for every voice note.

Caution: Obey the local law or regulations when you use your phone's voice recorder to record.

Find the Feature $\boxed{\equiv}$ > Voice notes

Starting to Record

	Press	To
1	OK	record
2	STOP $\boxed{-}$	stop recording, if necessary
3	keypad keys	enter a name
4	OK $\boxed{-}$	save the voice note

Playing a Voice Note

To turn on your phone's speaker 1st:

	Press	To
1	◇	scroll to any voice note
2	$\boxed{\equiv}$	open the options menu
3	◇	scroll to **Speaker setting**

Press	**To**
4 ON ☐	turn on your phone's speaker

To play a voice note:

	Press	**To**
1	◇	scroll to the desired voice note
2	☰	open the options menu
3	◇	scroll to **Playback**
4	OK	play the selected voice note
5	STOP ☐	stop playing the selected voice note, if necessary

Turning Off Your Phone's Voice Recorder

Press	**To**
☐	turn off your phone's voice recorder

Renaming a Voice Note

Find the Feature   ☰ > **Voice notes**

	Press	**To**
1	◇	scroll to the desired voice note
2	☰	open the options menu

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	Press	**To**
3	◇	scroll to **Rename**
4	OK	select **Rename**
5	keypad keys	enter a new name
6	OK ▭	save the new name

Deleting a Voice Note

Find the Feature ▭ > **Voice notes**

	Press	**To**
1	◇	scroll to the desired voice note
2	▭	open the options menu
3	◇	scroll to **Delete**
4	OK	select **Delete**
5	OK	delete the selected voice note

Deleting All Voice Notes

Find the Feature ▭ > **Voice notes**

	Press	**To**
1	◇	scroll to any voice note

	Press	**To**
2	$\boxed{\equiv}$	open the options menu
3	◇	scroll to **Delete all**
4	OK	select **Delete all**
5	OK	delete all voice notes

Sending a Voice Note

Find the Feature $\boxed{\equiv}$ > **Voice notes**

To send by a phone number:

	Press	**To**
1	◇	scroll to the desired voice note
2	$\boxed{\equiv}$	open the options menu
3	◇	scroll to **Send in message**
4	OK	select **Send in message**
5	keypad keys	enter your message
6	SEND $\boxed{-}$	select **SEND**
7	P.BOOK $\boxed{-}$	open your phonebook
8	◇	scroll to the desired entry
9	OK	select the entry

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	Press	To
10	◇	scroll to the desired phone number
11	OK	select the phone number
12	BACK ⟋	return to the previous menu
		Tip: Repeat steps 8-12 to add other recipients.
13	BACK ⟋	return to the previous menu
14	☰	open the options menu
15	◇	scroll to **Send**
16	OK	send the selected voice note

To send by an e-mail address:

	Press	To
1	◇	scroll to the desired voice note
2	☰	open the options menu
3	◇	scroll to **Send in message**
4	OK	select **Send in message**
5	keypad keys	enter your message
6	SEND ⟋	select **SEND**
7	☰	open the options menu

Personal Organizer Features

	Press	**To**
8	◇	scroll to **New e-mail address**
9	OK	select **New e-mail address**
10	keypad keys	enter an e-mail address
11	OK	add the e-mail address to the **Recipients** box
		Tip: Repeat steps 7-11 to add other recipients.
12	▭	open the options menu
13	◇	scroll to **Send**
14	OK	send the selected voice note

Checking a Voice Note

Find the Feature ▭ > Voice notes

	Press	**To**
1	◇	scroll to the desired voice note
2	▭	open the options menu
3	◇	scroll to **Details**
4	OK	check the selected voice note

Sorting Voice Notes

Find the Feature $\boxed{\equiv}$ > Media center
> Voice notes

	Press	To
1	◇	scroll to any voice note
2	$\boxed{\equiv}$	open the options menu
3	◇	scroll to **Sort files**
4	OK	select **Sort files**
5	◇	scroll to the desired option
6	OK	sort voice notes by the selected option

Security

Locking and Unlocking the Keypads

You can press $\boxed{\curvearrowleft}$ to answer calls after you lock the keypads.

Locking the Keypads Manually

Find the Feature $\boxed{\equiv}$ > Settings
                          > Key lock > Lock now

Unlocking the Keypads

In the idle display:

Press	To
OK and $\boxed{\ast}$	unlock the keypads

Setting the Keypads to Lock Automatically

To lock the keypads after no activity occurs in 20 seconds:

Find the Feature $\boxed{\equiv}$ > Settings
                          > Key lock > Auto

Setting a Closed User Group

You can set a user group that is able to call you and receive your calls.

Tip: Scroll to **Preset** to use the default user group you subscribed to your service provider.

Find the Feature $\boxed{\equiv}$ > Settings
> Security
> Closed user group > On

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Playing a Game

Find the Feature $\boxed{\equiv}$ > Games

Managing a Photo Folder

Find the Feature $\boxed{\equiv}$ > Media center
> Photo album

Drawing a Picture

Find the Feature $\boxed{\equiv}$ > Media center
> Picture

Setting a Background Image (Optional)

	Press	To
1	$\Diamond$	scroll to any picture
2	$\boxed{\equiv}$	open the options menu
3	OK	select **New**
4	OPTIONS $\boxed{-}$	open the options menu
	or	
	$\boxed{\equiv}$	

	Press	To
5	OK	select **Open**
6	◇	scroll to the desired option
7	OK	select the option
8	◇	scroll to the desired folder, if necessary
9	OK	select the folder, if necessary
10	◇	scroll to the desired object
11	OK	select the object
12	OK	set the selected object as a background image

Setting a Pen Mode

On a canvas:

	Press	To
1	OPTIONS ⬜	open the options menu
	or	
	⬜	
2	◇	scroll to **Pen mode**
3	OK	select **Pen mode**

	Press	To
4	🔲	scroll to the desired pen mode
5	OK	select the pen mode

Tip: On a canvas, press `0 +` to set **Pen mode**.

Setting a Pen Color

Note: The option is not available for an eraser.

On a canvas:

	Press	To
1	OPTIONS `—`	open the options menu
	or	
	`☰`	
2	🔲	scroll to **Pen color**
3	OK	select **Pen color**
4	🔲	scroll to the desired pen color
5	OK	select the pen color

Tip: On a canvas, press `#` to set **Pen color**.

Setting a Pen Size

On a canvas:

	Press	**To**
1	OPTIONS ⬚	open the options menu
	or	
	⬚	
2	◇	scroll to **Pen size**
3	OK	select **Pen size**
4	◇	scroll to the desired pen size
5	OK	select the pen size

Tip: On a canvas, press ⬚ to set **Pen size**.

Setting a Pen Step

On a canvas:

	Press	**To**
1	OPTIONS ⬚	open the options menu
	or	
	⬚	
2	◇	scroll to **Pen step**

	Press	To
3	OK	select **Pen step**
4	⬦	scroll to the desired pen step
5	OK	select the pen step

Setting a Canvas Size

On a canvas:

	Press	To
1	OPTIONS ⬛	open the options menu
	or	
	⬛	
2	⬦	scroll to **Picture size**
3	OK	select **Picture size**
4	⬦ right/left	scroll to the desired width
5	⬦ down	highlight the **Height** box
6	⬦ right/left	scroll to the desired height
7	OK	save the settings

Beginning a Picture

On a canvas:

	Press	**To**
1	◇	move the cursor to the desired direction
	or	
	`1 _,@` `2 ABC` `3 DEF` `4 GHI` `6 MNO` `7 PQRS` `8 TUV` `9 WXYZ`	
2	**OK**	draw/remove a dot or line
	or	
	`5 JKL`	

Zooming In/Out on a Picture

On a canvas:

	Press	**To**
1	**OPTIONS** ⊟	open the options menu
	or	
	☰	
2	◇	scroll to **Zoom in** or **Zoom out**

	Press	**To**
3	OK	zoom in or zoom out on a picture

Clearing a Canvas

On a canvas:

	Press	**To**
1	OPTIONS [—]	open the options menu
	or	
	[≡]	
2	◇	scroll to **Clear screen**
3	OK	clear a canvas

Saving a Picture

On a canvas:

	Press	**To**
1	OPTIONS [—]	open the options menu
	or	
	[≡]	
2	◇	scroll to **Save**
3	OK	select **Save**

	Press	To
4	keypad keys	enter a name
5	OK	save a picture in **Media center** < **Picture**

Composing a Melody

Find the Feature ⬛ > **Media center** > **Melody**

Changing an Existing Melody

	Press	To
1	◇	scroll to any melody
2	⬛	open the options menu
3	OK	select **New**
4	OPTIONS ⬜	open the options menu
5	OK	select **Open**
6	◇	scroll to the desired melody
7	OK	select the melody
8	OK	insert the selected melody to a staff
9	◇ right/left	scroll to the desired note/rest

Press	To
10 keypad keys	change the selected note/rest (see page 137)

Use the following keypad keys to change or create a melody:

Press	To
`1 _.@`	insert a C sharp note
`2 ABC`	insert a D sharp note
`3 DEF`	insert an E sharp note
`4 GHI`	insert an F sharp note
`5 JKL`	insert a G sharp note
`6 MNO`	insert an A sharp note
`7 PQRS`	insert a B sharp note
`8 TUV`	increase the length of the selected note/rest
`9 WXYZ`	move the selected note 1 octave up
`0 +`	decrease the length of the selected note/rest
`#`	move the selected note 1 octave down
`*`	insert a rest
`⊟`	remove the selected note/rest

Press	To
◇ up	move the selected note up on a staff
◇ down	move the selected note down on a staff

Creating a New Melody

	Press	To
1	◇	scroll to any melody
2	▭	open the options menu
3	OK	select **New**
4	◇	move the pointer
5	keypad keys	compose a melody (see page 137)

Setting an Instrument

On a staff:

	Press	To
1	OPTIONS ▭	open the options menu
2	◇	scroll to **Instruments**
3	OK	select **Instruments**

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	Press	**To**
4	◇	scroll to the desired instrument
5	OK	select the instrument
6	◇	scroll to the desired option
7	OK	select the option

Setting a Tempo

On a staff:

	Press	**To**
1	OPTIONS ⬛	open the options menu
2	◇	scroll to **Tempo**
3	OK	select **Tempo**
4	◇	scroll to the desired tempo
5	OK	select the tempo

Playing a Melody

On a staff:

	Press	**To**
1	OPTIONS ⬛	open the options menu

	Press	To
2	〈◇〉	scroll to **Play**
3	OK	play a melody with the selected instrument and tempo

Saving a Melody

On a staff:

	Press	To
1	OPTIONS ⊟	open the options menu
2	〈◇〉	scroll to **Save**
3	OK	select **Save**
4	keypad keys	enter a name
5	OK	save a melody in **Media center** < **Melody**

Clearing a Staff

On a staff:

	Press	To
1	OPTIONS ⊟	open the options menu
2	〈◇〉	scroll to **Clear screen**

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Press		**To**
3	OK	clear a staff

Displaying a Multimedia Object

Multimedia objects include photos, pictures, animations, melodies, voice notes, and videos.

To play voice notes, see page 120.

To play videos, see page 160.

Find the Feature > Media center
> Photo album/Picture/
Animation/Melody

	Press	**To**
1	◇	scroll to the desired folder, if necessary
2	OK	select the folder, if necessary
3	◇	scroll to the desired object
4	OK	select the object
5	OK	display/play the selected object
6	◇ up/down	zoom in/out on the selected object
		Note: This is for photos and pictures only.

Deleting a Multimedia Object

Find the Feature $\boxed{\equiv}$ > Media center
> Photo album/Picture/
> Animation/Melody

	Press	To
1	◇	scroll to the desired folder, if necessary
2	OK	select the folder, if necessary
3	◇	scroll to the desired object
4	$\boxed{\equiv}$	open the options menu
5	◇	scroll to **Delete**
6	OK	select **Delete**
7	OK	delete the selected object

Sending a Multimedia Object

Find the Feature $\boxed{\equiv}$ > Media center
> Photo album/Picture/
> Animation/Melody

To send by a phone number:

	Press	To
1	◇	scroll to the desired folder, if necessary

	Press	To
2	⊙ĸ	select the folder, if necessary
3	◇	scroll to the desired object
4	▭	open the options menu
5	◇	scroll to **Send**
6	⊙ĸ	select **Send**
7	keypad keys	enter your message
8	SEND ▭	select **SEND**
9	P.BOOK ▭	open your phonebook
10	◇	scroll to the desired entry
11	⊙ĸ	select the entry
12	◇	scroll to the desired phone number
13	⊙ĸ	select the phone number
14	BACK ▭	return to the previous menu
		Tip: Repeat steps 10-14 to add other recipients.
15	BACK ▭	return to the previous menu
16	▭	open the options menu
17	◇	scroll to **Send**

Press	**To**
18 ⊙ᴋ	send the selected object

To send by an e-mail address:

	Press	**To**
1	◇	scroll to the desired folder, if necessary
2	⊙ᴋ	select the folder, if necessary
3	◇	scroll to the desired object
4	⬓	open the options menu
5	◇	scroll to **Send**
6	⊙ᴋ	select **Send**
7	keypad keys	enter your message
8	SEND ⊟	select **SEND**
9	⬓	open the options menu
10	◇	scroll to **New e-mail address**
11	⊙ᴋ	select **New e-mail address**
12	keypad keys	enter an e-mail address

	Press	**To**
13	OK	add the e-mail address to the **Recipients** box
		Tip: Repeat steps 9-13 to add other recipients.
14	⬚	open the options menu
15	◇	scroll to **Send**
16	OK	send the selected object

Renaming a Multimedia Object

Find the Feature   ⬚ > **Media center**
     > **Photo album/Picture/**
     Animation/Melody

	Press	**To**
1	◇	scroll to the desired folder, if necessary
2	OK	select the folder, if necessary
3	◇	scroll to the desired object
4	⬚	open the options menu
5	◇	scroll to **Rename**
6	OK	select **Rename**
7	keypad keys	enter a new name

Press	To
8 OK	save the new name

Moving a Photo/Picture to Another Photo Folder

Find the Feature   ⬚≡⬚ > Media center
                              > Photo album/Picture

	Press	To
1	◇	scroll to the desired folder, if necessary
2	OK	select the folder, if necessary
3	◇	scroll to the desired object
4	⬚≡⬚	open the options menu
5	◇	scroll to **Move to**
6	OK	select **Move to**
7	◇	scroll to the desired folder
8	OK	move the object to the selected folder

Checking a Multimedia Object

Find the Feature　　◎ > **Media center**
　　　　　　　　　　　　　　> **Photo album/Picture/**
　　　　　　　　　　　　　　　Animation/Melody

	Press	To
1	◇	scroll to the desired folder, if necessary
2	OK	select the folder, if necessary
3	◇	scroll to the desired object
4	◎	open the options menu
5	◇	scroll to **Details**
6	OK	check the selected object

Sorting Multimedia Objects

Find the Feature　　◎ > **Media center**
　　　　　　　　　　　　　　> **Photo album/Picture/**
　　　　　　　　　　　　　　　Animation/Melody

	Press	To
1	◇	scroll to the desired folder, if necessary
2	OK	select the folder, if necessary
3	◇	scroll to any object

	Press	To
4	⬛	open the options menu
5	◇	scroll to **Sort files**
6	⊙к	select **Sort files**
7	◇	scroll to the desired option
8	⊙к	sort objects by the selected option

Playing a Java Game

Find the Feature ⬛ > **Java**

Tip: Before playing a Java game, set the amount of time that the display and keypad backlights remain on to maximum. (To set **Backlight** to maximum, press ⬛ > **Settings** > **Backlight** > **20 secs**.)

Setting Java

Find the Feature ⬛ > **Settings** > **Java settings**

Turning On Your Phone Camera

Caution: Obey the local law or regulations when you use your phone camera to capture images.

Find the Feature ⬛ > **Camera**

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Taking and Saving a Picture

Tip: ⌞░░░⌝ (The viewfinder icon) indicates the image area you can capture.

Tip: 🔲 indicates you can press ▭ or 🆗 to save the picture you took in **Media center** > **Photo album** > the default folder. The picture is automatically named. To rename it, see page 145.

Tip: 🔙 indicates you can press ▭ to turn off the camera.

With your phone's flip open (using the internal display to view images):

	Press	**To**
1	🆗	take a picture
2	🆗	save the picture

Naming a Picture

After taking a picture:

	Press	**To**
1	▤	open the options menu
2	◇	scroll to **Rename**
3	🆗	select **Rename**
4	keypad keys	enter a name

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	Press	To
5	OK	save the picture

Rotating a Picture

After taking a picture:

	Press	To
1	⬜≡	open the options menu
2	◇	scroll to **Rotate**
3	OK	select **Rotate**
4	◇	scroll to the desired option
5	OK	rotate the picture

Tip: The option is available only for pictures with **128x160** resolution.

Setting a Picture as a Wallpaper Image

After taking a picture:

	Press	To
1	⬜≡	open the options menu
2	◇	scroll to **Apply as wallpaper**
3	OK	select **Apply as wallpaper**

	Press	To
4	◇	scroll to any entry
5	OK	set the picture as a wallpaper image and save it in **Media center** > **Photo album** > the default folder and in **Settings** > **Display** > **Wallpaper**

Setting a Picture as a Screen Saver Image

After taking a picture:

	Press	To
1	▭	open the options menu
2	◇	scroll to **Apply as screen saver**
3	OK	select **Apply as screen saver**
4	◇	scroll to any entry
5	OK	set the picture as a screen saver image and save it in **Media center** > **Photo album** > the default folder and in **Settings** > **Display** > **Screen saver**

Sending a Picture

To send by a phone number after taking a picture:

	Press	To
1	⬚	open the options menu
2	⭕	select **Send**
3	keypad keys	enter your message
4	SEND ⬚	select **SEND**
5	P.BOOK ⬚	open your phonebook
6	◇	scroll to the desired entry
7	⭕	select the entry
8	◇	scroll to the desired phone number
9	⭕	select the phone number
10	BACK ⬚	return to the previous menu **Tip:** Repeat steps 6-10 to add other recipients.
11	BACK ⬚	return to the previous menu
12	⬚	open the options menu
13	◇	scroll to **Send**
14	⭕	send the picture

To send by an e-mail address after taking a picture:

	Press	To
1	▭	open the options menu
2	OK	select **Send**
3	keypad keys	enter your message
4	SEND ▭	select **SEND**
5	▭	open the options menu
6	◇	scroll to **New e-mail address**
7	OK	select **New e-mail address**
8	keypad keys	enter an e-mail address
9	OK	add the e-mail address to the **Recipients** box **Tip:** Repeat steps 5-9 to add other recipients.
10	▭	open the options menu
11	◇	scroll to **Send**
12	OK	send the picture

Turning Off Your Phone Camera

Press	To
▭	turn off your phone camera

Customizing Your Phone Camera

Find the Feature $\boxed{\equiv}$ > Camera

Using the Zoom Lens

Tip: ⬢ indicates the zoom lens control.

With your phone's flip open:

Press	To
◇ up/down	zoom in/out on images

Using the Brightness Control

Tip: ⬢ indicates the brightness control.

Press	To
◇ right/left	increase/decrease brightness of images

Using the Flash

Tip: 📷 and 🔆 indicate the flash is turned on.

Tip: 🔲 indicates the flash is turned off.

Press	To
ON/OFF ⬚	turn on/off the flash

Setting Resolution

The better resolution your picture has, the more phone memory your picture uses. Your phone camera includes the following picture resolutions:

160x120	supports **Landscape** 🏔 mode and 3x digital zoom lens.
320x240	supports **Landscape** 🏔 mode and 2x digital zoom lens.
640x480	supports **Landscape** 🏔 mode, not supporting digital zoom lens.
128x160	supports **Portrait** 🔲 mode and 3x digital zoom lens.

	Press	To
1	▭	open the options menu
2	®	select **Resolution**
3	◇	scroll to the desired resolution
4	®	select the resolution
5	**BACK** ▭	return to the previous menu
6	**BACK** ▭	prepare to capture images

Setting Quality

The better quality your picture has, the more phone memory your picture uses. Your phone camera includes the following picture qualities:

Fine ‖‖‖‖   provides best quality.

Normal ‖‖‖‖   provides regular quality.

Basic ‖‖‖‖   provides poor quality.

	Press	To
1	⬜≡	open the options menu
2	◇	scroll to **Quality**
3	OK	select **Quality**
4	◇	scroll to the desired quality
5	OK	select the quality
6	BACK ⬜−	return to the previous menu
7	BACK ⬜−	prepare to capture images

Framing a Picture

	Press	To
1	⬜≡	open the options menu

	Press	To
2	◇	scroll to **Frame**
3	OK	select **Frame**
4	OK	select **On**
5	◇	scroll to the desired frame
6	OK	select the frame
7	OK	prepare to capture images

Tip: The option is available only for pictures with **128x160** resolution.

Turning On/Off the Twilight Mode

Tip: 🌃 indicates **Twilight mode** is turned on.

	Press	To
1	🔲	open the options menu
2	◇	scroll to **Twilight mode**
3	ON/OFF 🔲	turn on/off the twilight mode
4	OK	prepare to capture images

Turning On the 10-Second Self Timer

Tip: 🐾 indicates **Self timer** is turned on.

	Press	To
1	⬜☰	open the options menu
2	◇	scroll to **Self timer**
3	ON ⬜	turn on the self timer
4	OK	prepare to capture images
5	OK	take a picture in 10 seconds

Turning On/Off the Shutter Sound

	Press	To
1	⬜☰	open the options menu
2	◇	scroll to **Shutter sound**
3	ON/OFF ⬜	turn on/off the shutter sound
4	OK	prepare to capture images

Setting the White Balance

Your phone camera includes 4 modes for taking pictures:

Auto 🔺   indicates your phone camera will
adjust itself to the environment where
you want to capture images.

	Sunlight ☀	indicates you want to capture images outdoors on a sunny day.
	Fluorescent 🕯	indicates you want to capture images in a room with fluorescent lighting.
	Incandescent 🔆	indicates you want to capture images under incandescent light.

	Press	**To**
1	▭▭	open the options menu
2	◇	scroll to **White balance**
3	OK	select **White balance**
4	◇	scroll to the desired mode
5	OK	select the mode
6	**BACK** ▭	return to the previous menu
7	**BACK** ▭	prepare to capture images

Turning On Your Phone's Video Recorder

You can use your phone's video recorder to record up to 15 seconds of every video.

Caution: Obey the local law or regulations when you use your phone's video recorder to record.

Find the Feature　　▭▭ > **V. recorder**

Setting Time to Record

	Press	To
1	▤	open the options menu
2	◇	scroll to **Time to record**
3	OK	select **Time to record**
4	◇	scroll to the desired duration
5	OK	select the duration

Starting to Record

	Press	To
1	OK	record
2	OK	stop recording, if necessary
3	OK	prepare to save the video
4	keypad keys	enter a name
5	OK	save the video

Playing a Video

	Press	To
1	▤	open the options menu

	Press	To
2	OK	select **Open**
3	◇	scroll to the desired video
4	OK	play the selected video
5	OK	stop playing the selected video, if necessary

Turning Off Your Phone's Video Recorder

Press	To
⌐⌐⌐	turn off your phone's video recorder

Renaming a Video

Find the Feature ⌐≡⌐ > **V.recorder**

	Press	To
1	⌐≡⌐	open the options menu
2	OK	select **Open**
3	◇	scroll to the desired video
4	⌐≡⌐	open the options menu
5	◇	scroll to **Rename**

	Press	**To**
6	OK	select **Rename**
7	keypad keys	enter a new name
8	OK	save the new name

Deleting a Video

Find the Feature   ⬛ > **V. recorder**

	Press	**To**
1	⬛	open the options menu
2	OK	select **Open**
3	◇	scroll to the desired video
4	⬛	open the options menu
5	◇	scroll to **Delete**
6	OK	select **Delete**
7	OK	delete the selected video

Sending a Video

Find the Feature   ⬛ > **V. recorder**

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To send by a phone number:

	Press	To
1	⬛	open the options menu
2	OK	select **Open**
3	◇	scroll to the desired video
4	⬛	open the options menu
5	◇	scroll to **Send**
6	OK	select **Send**
7	keypad keys	enter your message
8	SEND ⬛	select **SEND**
9	P.BOOK ⬛	open your phonebook
10	◇	scroll to the desired entry
11	OK	select the entry
12	◇	scroll to the desired phone number
13	OK	select the phone number
14	BACK ⬛	return to the previous menu
		Tip: Repeat steps 10-14 to add other recipients.
15	BACK ⬛	return to the previous menu

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	Press	**To**
16	⬚	open the options menu
17	◇	scroll to **Send**
18	OK	send the selected video

To send by an e-mail address:

	Press	**To**
1	⬚	open the options menu
2	OK	select **Open**
3	◇	scroll to the desired video
4	⬚	open the options menu
5	◇	scroll to **Send**
6	OK	select **Send**
7	keypad keys	enter your message
8	SEND ⬚	select **SEND**
9	⬚	open the options menu
10	◇	scroll to **New e-mail address**
11	OK	select **New e-mail address**
12	keypad keys	enter an e-mail address

	Press	**To**
13	⊙Ⓚ	add the e-mail address to the **Recipients** box
		Tip: Repeat steps 9-13 to add other recipients.
14	⬛	open the options menu
15	◇	scroll to **Send**
16	⊙Ⓚ	send the selected video

Checking a Video

Find the Feature ⬛ > **V. recorder**

	Press	**To**
1	⬛	open the options menu
2	⊙Ⓚ	select **Open**
3	◇	scroll to the desired video
4	⬛	open the options menu
5	◇	scroll to **Details**
6	⊙Ⓚ	check the selected video

Sorting Videos

Find the Feature $\boxed{\equiv}$ > V. recorder

	Press	**To**
1	$\boxed{\equiv}$	open the options menu
2	OK	select **Open**
3	◇	scroll to any video
4	$\boxed{\equiv}$	open the options menu
5	◇	scroll to **Sort files**
6	OK	select **Sort files**
7	◇	scroll to the desired option
8	OK	sort videos by the selected option

Setting Network Connection

Your service provider may set a network connection profile, including the service provider and connection settings, before you receive your phone. You can also customize it or create a new 1.

Find the Feature $\boxed{\equiv}$ > Browser
                      > Profiles

Connecting to the Internet

You can use your phone to connect to your networking provider's homepage, any bookmark, or any URL.

If network connection is established, refer to the following instructions to activate an option, return to the last page, and end network connection.

To activate an option:

	Press	To
1	◇	scroll to the desired option
2	OK	activate the selected option
	or	
	▭ > OK	

To return to the last page:

Press	To
BACK ▭	return to the last page

To end network connection:

Press	To
▭	end network connection

	Press	To
1	⚞≡⚟	open the options menu
2	◇	scroll to **Exit**
3	OK	end network connection

Connecting to Your Networking Provider's Homepage

Find the Feature   ⚞≡⚟ > Browser
                                  > Home

Connecting to a Bookmark

You can use your phone to connect to a factory-set or self-created bookmark.

Find the Feature   ⚞≡⚟ > Browser
                                  > Bookmark

	Press	To
1	◇	scroll to the desired bookmark
2	OK	select the bookmark
3	OK	connect to the selected bookmark

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Connecting to a URL

Find the Feature   ⬛ > Browser
                              > Go to address

	Press	To
1	keypad keys	enter a URL
2	OK	connect to the URL

Setting a Bookmark

You can create, edit, or erase a bookmark.

Tip: To connect to a bookmark, see page 168.

Find the Feature   ⬛ > Browser
                              > Bookmark

Downloading Multimedia Objects

You can download multimedia objects, such as pictures, ring tones, or animations from the Internet.

Find the Feature   ⬛ > Media center
                              > Download media

Setting Web Page Display Style

Find the Feature   ⬛ > Browser
                              > Appearance settings

Allowing/Rejecting Cookies

Find the Feature   ⬜ > **Browser**
> **Download settings** > **Cookies**

Clearing Cache Memory

Find the Feature   ⬜ > **Browser**
> **Clear the cache**

Reading Your Networking Provider's Messages

Find the Feature   ⬜ > **Browser**
> **Service Inbox**

Reading Certificates

Find the Feature   ⬜ > **Browser**
> **Certificates**

Troubleshooting

Check these questions first if your phone does not seem to work properly. If you need additional help, contact the Motorola Customer Call Center at 1-800-331-6456 (USA) or 1-800-461-4575 (Canada).

Question	Answer
Is your battery charged?	The battery level indicator should have at least 1 segment showing. If it does not, recharge your battery (see page 21).
Have you installed a valid SIM card?	If necessary, turn off your phone and make sure that you have inserted a valid SIM card (see page 20).
Does the phone have a signal?	The signal strength indicator should have at least 1 segment showing. If it does not, move to an area with a stronger signal.
Is the other party unable to hear you?	Your phone may be muted. If necessary, press **OPTIONS** ⌷ > **Unmute** to unmute the phone. Also, make sure that your phone's microphone is not blocked by its carrying case or a sticker.

Question	Answer
Has the phone been damaged, dropped, or gotten wet?	Dropping your phone, getting it wet, or using a non-Motorola battery or battery charger can damage the phone. The phone's limited warranty does not cover these types of damages.
Was a non-Motorola battery or battery charger used?	

The following refers to specific symptoms:

Symptom	Solution
My phone was stolen. To whom should I report this?	Report a stolen phone to the police and to your service provider (the company that sends you your monthly wireless service bill).
I forgot my password.	Contact your service provider.
I pressed the power key, but nothing happened.	Be sure to press and hold 🔘 (the power key) until you see the welcome display and an alert sounds. This could take several seconds. If nothing happens, check that a charged battery is installed (see page 20).

Symptom	Solution
The display shows: Insert SIM Card or **Check SIM Card** even though I have inserted my SIM card in the phone.	The SIM card may be incorrectly inserted. Check the SIM card to make sure that it is inserted properly (see page 20).
The display shows: SIM Blocked. How do I unblock my SIM card?	Call your service provider to obtain the PIN Unblocking Key (PUK) code.
The display shows: Enter Unlock Code. How do I unlock my phone?	Enter the factory-preset unlock code (1234), or the last 4 digits of your phone number. If this fails, call your service provider.
My phone prompts for an unlock code when I try to open a feature.	The feature you want is locked. If you do not know the unlock code, call your service provider.
My phone does not ring.	The ringer may be set to **Silence** even though your phone is set to an audible ring style. To turn off **Silence**, press and hold `#` from the idle display.

Symptom	Solution
I tried to place a call and heard an alternating high/ low tone.	Your call did not reach the wireless system. You may have dialed the number too soon after turning the phone on. Wait until the display shows the name of your service provider before placing a call.
I cannot send/ receive calls.	Make sure that you have a phone signal (the signal strength indicator should have at least 1 segment showing). Avoid electrical or radio interference, and obstructions such as bridges, parking garages, or tall buildings.
	Your phone also may have the **Call barring** feature turned on. If you know the unlock code, you can change this setting in the call barring menu ($\boxed{=}$ > **Settings** > **Call features** > **Call barring** > **Cancel all**).
	Also, check to be sure your SIM card is installed and working.

Symptom	Solution
My phone has poor reception and drops calls.	Make sure that your antenna is not bent or damaged.
	Also, make sure you have a phone signal (the signal strength indicator should have at least 1 segment showing). Stay clear of any obstructions such as bridges, parking garages, or tall buildings.
I cannot hear others on my phone.	While on a call, press the up in-call volume key. Your phone display should show the volume increasing.
	Also, make sure that your phone's earpiece is not blocked by its carrying case.
How do I see the calls I sent or received?	To see the most recent calls you dialed or received:
	▭ > **Recent calls** > **Dialed calls** or **Received calls**
My phone's display is too dark.	Use the **Adjust contrast** feature to change the level of contrast in your display (see page 42).
	You can also use the **Backlight** feature to change the length of time that the display backlight stays on (see page 42).

Symptom	Solution
My phone's battery charge doesn't last as long as I expected. What can I do to extend battery life?	Battery performance is affected by charge time, feature use, temperature changes, backlight use, and other factors. For tips on extending battery life, see page 22.
I am unable to record a voice note, voice name, or voice option	Try moving to a quieter location to make your voice recording. Hold the phone about four inches (10 centimeters) from your mouth, and speak directly into your phone's microphone in a normal tone of voice.
I launched the micro-browser but the display shows: Network Not Available.	You may be in an area without service, or you may be connected to a network that does not support Internet access.
I launched the micro-browser but the display shows: Server Not Responding.	Try again in a few minutes. The servers may be temporarily busy.

Specific Absorption Rate Data

This model phone meets the international standards for exposure to radio waves.

Your mobile phone is a radio transmitter and receiver. It is designed and manufactured not to exceed limits for exposure to radio frequency (RF) energy. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The guidelines include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. Under the guidelines for your phone model, the SAR limit is 2.0 W/kg.[1] Tests for SAR are conducted in accordance with CENELEC[2] testing procedures using standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station, the lower the power output of the phone.

Before a phone model is available for sale to the public, it is tested to confirm compliance with the guidelines. The tests are performed in positions that conform to a uniform testing methodology determined by an expert standards body. The highest SAR value for this model phone when tested for use at the ear is 0.88 W/kg.[3]

While there may be differences between the SAR levels of various phones and at various positions, they all meet the governmental requirements for safe exposure. Please note that improvements to this product model

could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.

1. The SAR limit recommended by international guidelines (ICNIRP) for mobile phones used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of tissue. The limit incorporates a substantial margin for safety to give additional protection for the public and to account for any variations in measurements.

2. CENELEC is a European Union standards body.

3. Additional related information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

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