P800

User’s manual

Editorial Comment:*Sidan görs eventuellt som omslaget, men i svart/vitt. Kolla om Lund har gjort liknande manualer sedan R380.*

Sony Ericsson P800

User's Manual

First edition (July 2002)

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Note *Some of the services in this manual are not supported by all networks. This also applies to the GSM International Emergency Number 112. Please contact your network operator or service provider if you are in doubt whether you can use a particular service or not.*

European Union standards

The ▒ symbol on our products signifies that they have been certified according to the EMC directive 89/336/EEC, the Telecommunications directive 91/263/EEC, and the Low Voltage directive 73/23/EEC when applicable. The products fulfil the requirements according to the following standards:
Cellular Phones and Accessories in Combination:
ETS 300 342-1 EMC for European digital cellular telecommunications.
Accessories Without Direct Connection to a Cellular Phone:
EN 50081 Electromagnetic compatibility, Generic Emission Standard, and EN 50082 Electromagnetic compatibility, Generic Immunity Standard.

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Overview over the smartphone

You have bought a very advanced smartphone. To learn to use all the smartphone features you should read this chapter now and not wait until next week.

Description of the smartphone

Look at the smartphone as a computer where you have the possibility to install new software

How to use the user documentation

The user documentation helps you to understand and make use of the smartphone and, abow all, to find all the functions. The documentation consists of the following parts:

- User's manual.
- Help texts in the smartphone.
- Complementary information on the Internet.

User's manual

- overview
- function descriptions
- settings
- personalizing
- connection
- Internet and messaging
- Useful and important information
-

Help texts

The smartphone's functions

xx

Care instructions

Getting Started

This chapter gives you a quick overview of the main functions in your smartphone and how to get started.

Sources (this section will be removed)

The following documents and resources have been used when writing this chapter.

- Linnea prototype 6.2, SW incr. 5, PA9
- Users manual smartphone
- UI Design Spec, UI Fundamentals, 31/196 05-CRH 162 02, Rev A
- UI Design Spec, Startup Wizard UI, 35/196 05-CRH 162 02, Rev A

Checklist

Your smartphone package includes:

1 Smartphone with stylus

1 Battery

1 Travel charger

1 Deskstand with USB cable

1 Headset

1 Pouch and strap

3 Extra stylus

1 Cover - flip replacement

1 Memory Stick Duo

1 Memory Stick Duo Adaptor

1 User´s Manual package

2 CDs, PC Suite for P800 and Multimedia for P800

Note *If your package does not include all the listed items above, please contact your reseller.*

Assembly

Before you can use your smartphone you need to:

- insert the SIM card
- attach and charge the battery.

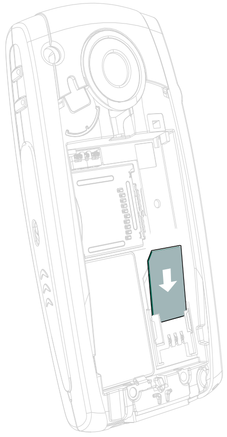
Note *Always turn off the phone and detach the charger before you insert or remove a SIM card.*

The SIM card

When you register as a subscriber with a network operator, you get a SIM (Subscriber Identity Module) card. The SIM card contains a computer chip that keeps track of your phone number, the services included in your subscription, and your phone book information, among other things.

A 4-digit PIN (Personal Identity Number) code is supplied with the SIM card from your operator and must be entered when powering on your smartphone.

The SIM card is placed in the silvery holders under the battery.



Tip *You can also store SIM card data, such as contacts, in the phone's own memory and on Memory Stick. It is possible to export/import data between these media.*

Battery

The battery that comes with your smartphone may not be charged. You should charge the battery for at least 4 hours before you use it for the first time.

Should you need to discharge the battery, simply use your smartphone as usual until the battery runs out of power.

Charge the battery by using the charger supplied with your smartphone. You can also use some battery chargers that have been supplied with other Ericsson mobile phones using the same connector plug, e.g. T28, R320s.

Warning! *Avoid direct sunlight. Extremely high temperatures reduce the capacity of the battery permanently. Avoid recharging a full or almost full battery.*

Battery insertion and removal

To insert the battery

1. Ensure that the flip is closed.
2. Place the battery into the battery compartment and close the lid.

To remove the battery

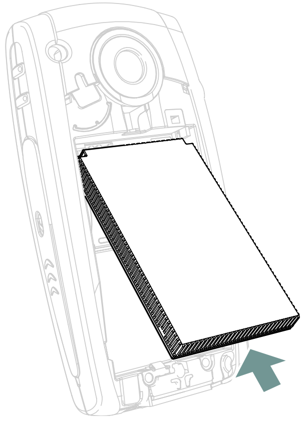
1. Ensure that your smartphone is turned off.

Warning! It is important that you always turn off your smartphone before removing the battery. Failure to do so can result in loss of information.

2. Remove the battery lid by pulling down the release catch, then take away the battery.

Charging the battery

Warning! *The mains (power) supply plug may look different depending on the mains socket in your country. Do not connect the AC-plug-in unit to any other item than your Sony Ericsson Travel Charger or other compatible Sony Ericsson/Ericsson chargers with the same plug.*



To charge the battery

1. Make sure the battery is attached to your smartphone and the lid is closed.
2. Connect the charger to your smartphone as follows:
   - The flash symbol on the plug must face upwards.
   - Locate the flash symbol by the smartphone’s connector.
   - Tilt the charger plug contacts slightly downwards when inserting into the smartphone connector, then move the plug downwards so that it fits securely with the smartphone connector.

3. Connect the charger to the mains

Charging is indicated by the battery meter on the display pulsing continuously, and the indicator on top of the smartphone, showing a steady red light (or green, if the smartphone is switched on).

Note *When the battery is completely discharged, or new, it may take up to 30 minutes before the battery charging icon appears in the display.*

4. Wait approximately 4 hours or until the battery meter on the display is full and the indicator on the top of the smartphone shows a steady green light.

Note *Non-Ericsson batteries are charged slowly for safety reasons.*

5. Remove the charger by tilting the plug upwards and away.

When the battery needs to be charged, a beep is heard, the indicator light (on the top of your smartphone) blinks red and a battery low message appears in the display.

The battery can be charged whenever you wish without affecting the smartphone’s performance. However, this lengthens the charging time.

Note *The smartphone automatically switches off if the voltage is too low.*

Operational modes

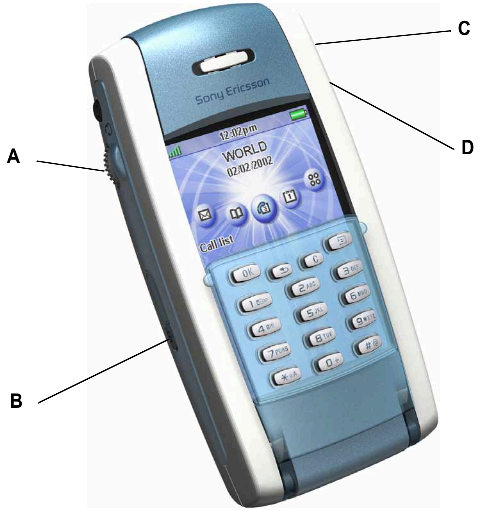
The three main operational modes are:

- Flip closed (FC mode)
- Flip open or off (FO mode)
- Flip removed (FR mode)

These operational modes are interchangeable where tasks often can be started with the flip closed and, if required, continued in the more comprehensive flip open mode.

Although the manual covers the modes of operation in detail, it is very important to remember that many of the functions described are dependant on them being available from your network operator and internet service provider. Please consult your network operator and internet service provider for more information about the services that are available to you.

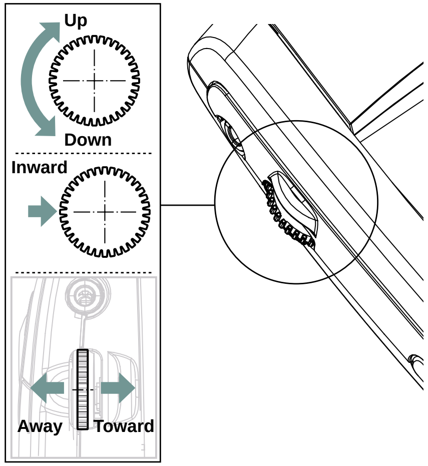
Phone buttons



Button	*Function*
A Jog Dial	Navigating through menus and more, see separate description below
B On/Off	Turns the smartphone on or off
C Camera button	Shutter realease for the camera
D Internet button	Activates the internet browser

Jog Dial

Action	*Function*
Rotate up	Scrolls up items in a list; Adjusts volume during a call; Moves back a page when playing an MMS.
Rotate down	Scrolls down items in a list; Adjusts volume during a call; Moves forward a page when playing an MMS.
Push inward	Flip closed: Generally does the same as the OK Key which is select/action Flip open: Select a highlighted item.
Keep pushing inward	Dials selected phone number.
Push away	Flip open: This action always has the same action as the Back button thus goes back to previous screen, dismisses dialogues, it will send a busy signal to the user when receiving an incoming call, it does not end a call. Flip closed: Push away scrolls to the left across the Main Application Tabs at the top.
Pull toward	Flip closed: Always brings up the Options Menu. Flip open: Scrolls to the right across the Main Application Tabs at the top.



First time startup

When the smartphone is switched on for the first time a program, the *setup wizard*, will be started automatically. The wizard will guide you through a set of essential settings, see below. Follow the instructions on the screen.

The different steps in the setup wizard

1. You will be prompted to open the flip.
2. Information on the wizard.
3. Calibrating the screen.
4. Setting the location.
5. Setting date, time and formats.
6. More information about the Jog Dial, text entry and status bar.
7. Setup complete.

Demo application

The Demo application demonstrates some of the most common functions in your smartphone. Start Demo by tapping ***Applications > Demo*** in flip open mode.

Making and receiving calls

To make a call

1. Press the On/Off button to power on your smartphone, keep the flip closed.
2. Enter your PIN when the dialog box appears and press **OK,** press ***C*** to erase a digit.
3. Enter the area code and phone number, and press the Jog Dial or **OK** to make the call.

To end a call

1. Press the Jog Dial or **OK** to end the call.

To receive a call

1. Press the Jog Dial or **OK** to answer an incoming call.

Available services

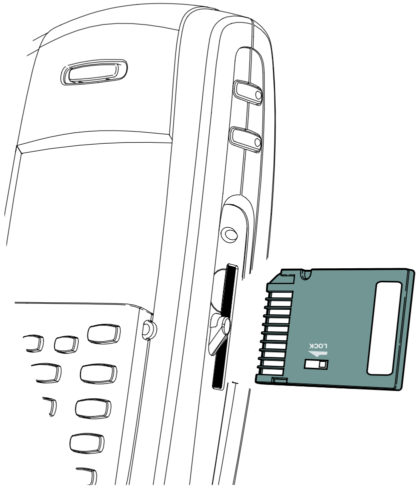
Some services and functions described in this user´s guide are network- or subscription-dependent. Because of this, all menus may not be available in your smartphone.

This symbol ☎ indicates that a service or function is network- or subscription-dependent.

Please consult your network operator for more information about your subscription.

Memory Stick

With the Sony Memory Stick you can easily save still images, music, voice and computer data and applications. If your phone memory runs low, you can transfer the content from the phone memory to the Sony Memory Stick. The content on the Sony Memory Stick can in turn be transferred to other Sony Memory Stick compatible products, e.g. digital cameras.



Inserting Memory Stick

1. Remove the stylus.
2. Insert the Memory Stick in the slot, the connector side facing you, see the picture above.

Make sure it is securely inserted, a click sound should be heard.

Warning! *Improper insertion may damage your smartphone and the Memory Stick.*

Removing the Memory Stick

1. Remove the stylus.
2. Press the edge of the Memory Stick using your finger nail or the stylus.

Note *Be careful when removing the Memory Stick so it does not fly away.*

Memory Stick Adaptor

Use the Memory Stick Adaptor when using your Memory Stick Duo in a device (e.g. camera, MP3 player) equipped with a regular sized Memory Stick.

Insert your Memory Stick Duo according to the picture on the adaptor.

Warning! *Do not insert Memory Stick Adaptor into a Memory Stick slot without Memory Stick Duo. This may cause a damage to the product. Please make sure adaptor´s connector side is inserted first.*

For more information about Sony Memory Stick, see *www.memorystick.com*

Phone locks

The smartphone is provided with a variety of phone locks to prevent unauthorized use. These locks are released by codes that will be displayed as asterisks (*) when you enter them. The smartphone will ask you to enter the codes when necessary.

Note *You can usually make an emergency call without unlocking the smartphone.*

SIM card lock

The SIM card lock protects your SIM card, not the smartphone, against unauthorised use. It is unlocked by the PIN and PUK codes. You can find both your PIN code and PUK code in the documentation you got together with your SIM card. (PIN stands for Personal Identification Number and PUK for Personal Unblock code.)

Your PIN code consists usually of four digits. The smartphone will ask for the PIN code when you start it.

To activate the SIM card lock

1. Select ***Phone> Edit> Preferences> Locks***
2. Tap Change Codes and select what code you want to change.
3. Enter the new code

You may choose to having the code activated; everytime you power on the smartphone, or just when a new SIM card is inserted.

An error message informs you if wrong PIN code is entered. Usually after three wrong attempts (SIM card dependant) the SIM card will be locked and you need to enter the PUK code to unlock it.

The PUK code usually consists of 10 digits. When you have entered the right PUK code you must enter a new PIN code. You have ten attempts to enter the PUK code. If all ten attempts fail the SIM card will be blocked and you need to contact your network operator who will unblock it.

You cannot change the PUK code.

PIN2

Some functions can be protected by a secondary code feature. This is useful when several people uses the smartphone but only one person is administrator.

PIN2 are managed in the same way as PIN.

Device lock

The Device lock protects your smartphone against unauthorised use. When this lock is activated the smartphone asks you to enter the code to unlock the smartphone before you can use it. If someone steals your smartphone and put another SIM card in it, it cannot be used.

To activate or change the Device lock

1. Choose ***Phone> Edit> Preferences> Locks***.

You can lock your smartphone to prevent other people from using it. Use the locks for the SIM card and/or the device to protect your smartphone from unauthorized use.

Change code

To change a code

1. Select ***Phone> Edit> Preferences> Locks.***
2. Tap Change Codes
3. Select the code you want to change.
4. First enter the old code, then the new one. (You have to enter the new code twice to be sure you typed it correct.)

Automatic key lock

This option locks the keys on your smartphone. This is to protect the keys for accidentally been pressed.

Icons

Beskriva syftet med kapitlet:

- Hitta ikoner som inte är självklara

Application icons

An application icon starts its program when you tap it. Below are the default application icons that you can see in the screen when the flip is closed, or in the application picker when the flip is open. A list of the other application icons can you see in the application launcher.

Icon	*Application*
📅	***Calendar***
📖	Contacts
☎	Call list
✉	Messages
🔍	Internet
⠿	Application launcher

Icon	*Application*

Indicators and status bar icons

These icons appears in the flip closed standby screen or in the status bar when the flip is open. They indicate status for several functions or that something has happened, for example, the smartphone has received a text message.

When the flip is open, you can often tap the icons to get more detailed information or start an application, for example, open the keyboard.

Icon	*Function*
📶	Signal strength
🔋	Battery strength
✉	A new e-mail message has been received.
🔈	Speakerphone mode is on.

Icon	*Function*
⌨	Tap the keyboard to open the virtual keybord.

General icons

Kort beskrivning av vad general icons är.

Icon	*Function*

General functions

This chapter describes a number of general functions that are the same for many applications in your smartphone. For example, how to enter text, find and organise data and how to get help.

Sources (this section will be removed)

The following documents and resources have been used when writing this chapter.

- Linnea prototype 6.2, SW incr. 5, PA9
- Users manual R380s
- UI Design Spec, UI Fundamentals, 31/195 05-CRH 162 02, Rev A

Entering text - Flip open

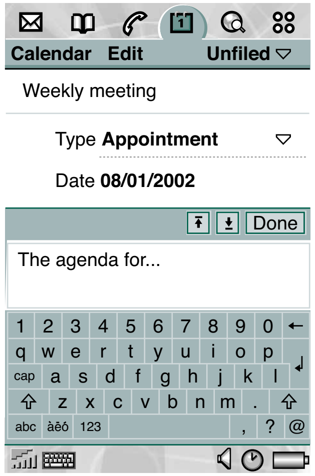
This section describes how to enter text in flip open mode. See the chapter *Flip closed - overview* on how to enter text in flip closed mode.

There are two ways of entering text with the flip open:

- The on-screen keyboard ⌨ found at the bottom of the screen.
- Handwriting recognition directly on the screen using the stylus. See the handwriting recognition card on how to write.

On-screen keyboard

In text edit mode, tap the keyboard icon and then select characters. Tap ***Done*** when ready.



Weekly meeting

Type **Appointment**

Date **08/01/2002**

The agenda for...

You can choose between three types of keyboard layouts with different character sets. Down left, tap one of the following buttons:

abc - standard characters

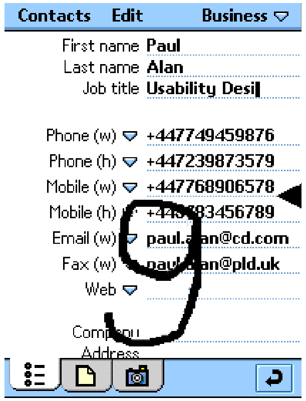
àëó - international characters

123 - numeric characters and currencies

Current input field is shown to the left in the top bar of the keyboard. Tap arrows or rotate Jog Dial to change input field. The keyboard top bar also contains a drop-down menu with ***Cut***, ***Copy*** and ***Paste.*** When copying or cutting the text must be selected first.

Handwriting recognition

Handwriting recognition translates stylus gestures into letters, numbers or other characters, and displays these caracters as text. Handwriting recognition is only active when needed - that is, when focus is currently on a text control in an application view or in a dialog that needs an text entry.



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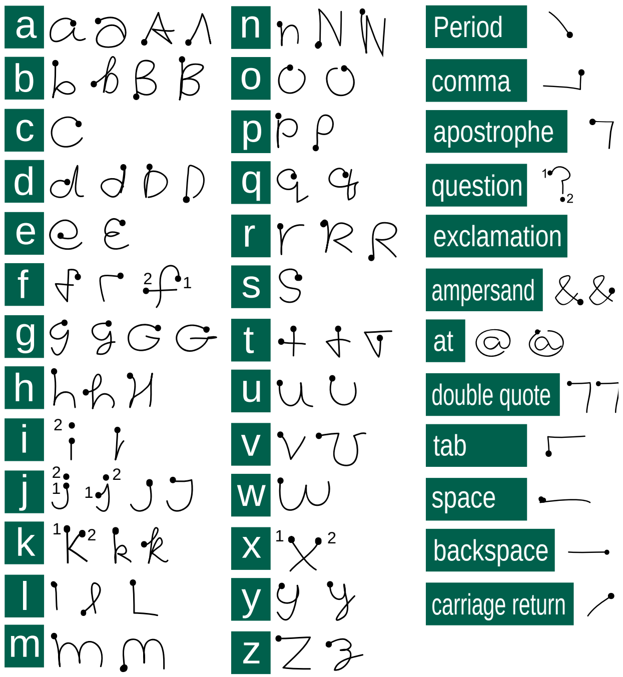
Fax (w) pau[illegible]an@pld.uk
Web
Comp[illegible]
Address

The text mode screen is divided in an upper and a lower part divided by an arrow in the middle of the right edge. Write lower case letters below the arrow and upper case in line with it. Numbers are written above the arrow.

Note *Most letters can be written in alternate styles, see tables below. The style itself does not matter when writing upper- or lowercase, it is the position of the screen that decides whether it will be upper case or lower case.*

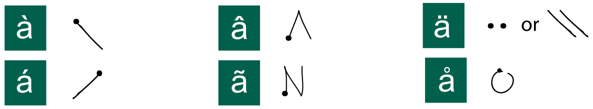
Letters

Lower case letters are written on the lower part of the screen, below the arrow and upper case letters in line with the arrow.


a
b
c
d
e
f
g
h
i
j
k
l
m
n
o
p
q
r
s
t
u
v
w
x
y
z
Period
comma
apostrophe
question
exclamation
ampersand
at
double quote
tab
space
backspace
carriage return

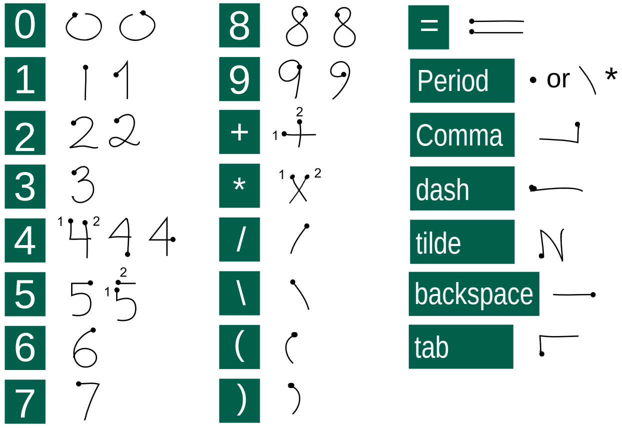
Accented letters

Write the character as described above, then write the accent on the upper part of the screen, above the arrow.



Numbers

Numbers are written on the upper part of the screen, above the arrow.


0
1
2
3
4
5
6
7
8
9
+
*
/
\
(
)
=
Period
or
Comma
dash
tilde
backspace
tab

Extended characters

Write the character above the arrow, then insert the character l (written from bottom to top) before writing the extended character. See the *Handwriting recognition* help topic for information on how to write these characters.

Icon views

The smartphone can present the applications in two ways:

- List view (small icons appears in one column)
- Icon biew (large icons in two columns)

Folders

On the right of the menu bar is the *folders menu*. Folders are used to organize user data, e.g. contacts, jotter entries, task lists, into user definable sets.

Each application has its own set of folders: a folder created in one application is not visible in another.

In list view, the folder menu is used to organize your entries. In detail view, the folder menu allows you to change the folder of the current item.

Every item created in an application is always assigned to a single folder — by default the ***Unfiled*** folder. There are three recommended folders for most applications: ***Unfiled, Personal,*** and ***Business***.

In list view, there is a super-folder called ***All*** which, when selected, displays items from all folders. ***All*** is the default value in list views and when an application is first launched.

You can add folders or change the names of existing folders through the ***Edit Folders*** menu item. A folder can only be deleted if it is empty. Not all folders can be deleted.

Zooming

You can change the size of the screen fonts between Small, Medium or Large. From the menu bar, select ***Edit > Zoom.***

Find

Find searches through all the items stored in an application. The standard ***Find*** dialog contains a single text edit box with two buttons, ***Find*** and ***Cancel***. Tapping ***Find*** starts the search, ***Cancel*** closes the ***Find*** dialog.

In some applications, for example Messaging, Find may be more complicated:

- the size of each message is so large that you may want to restrict the search to the current message only.
- folders are potentially more significant, so you may want to restrict the search to the current folder only.

Sorting your files

You can sort the files you have stored in your smartphone. By sorting your files, you choose in which order you want the files to be displayed on the screen. You can choose between four different ways:

Sort by type: The different file types are sorted together in the list.

Sort by size: The largest file size, in kB, is displayed at the top of the list, and the smallest at the bottom of the list.

Sort by date: The latest file you saved in your smartphone is displayed at the top of the list.

Sort by name: The files are displayed in alphabetical order, from top to bottom.

Note *Sort is not valid for all applications.*

Beaming

It is very convenient to be able to exchange data using infrared or Bluetooth “beaming” between two devices that supports the exchange standards.

For example, one user selects an item in the Pictures application and then enters the menu ***Pictures > Send as > IR***, and the two users align their machines.

The receiving user usually does not have to initiate anything provided that infrared/Bluetooth is enabled.. As a precaution, however, the receiving user does have the opportunity to accept or reject the item sent and has the option to view it after saving.

Save saves the object into the destination application and then optionally opens the application to show the object just saved.

Methods for storing data

Your smartphone can store data in three different ways:

- SIM card (Only for phone numbers and associated names)
- Phone memory (12 MB of capacity for storing pictures, messages, music, programs etc.)
- Memory Stick (Expansion memory. There are several alternatives with different amount of memory on the market.)

Getting help

From the menu bar select ***Edit > Help*** or ***View > Help*** to get to the inbuilt help system. The help system uses two views:

- The *Topics view* shows all available topics, e.g. both topics connected to a specific application and general topics.
- The *Detail view* presents the title and text of a single topic.

The Topics view allows you to select a topic, which opens the detail view/Text view and displays the selected topic. You can also set the zoom level and exit the Help system.

Also, in many dialog boxes it is possible to tap the help icon in the upper right corner to get help.

Flip closed - overview

This chapter describes how your smartphone works with the flip closed. With the flip closed (FC mode) the smartphone behaves very much like an ordinary mobile telephone.

The screen is not touch sensitive when the flip is closed; therefore you can only operate the smartphone by the buttons.

Sony Ericsson
12:02pm
WORLD
02.02.2002
Call list

Sources (this section will be removed)

The following documents and resources have been used when writing this chapter.

- Linnea prototype 6.2, SW incr. 5, PA9
- Users manual R380s
- UI Design Spec, UI Fundamentals, 31/195 05-CRH 162 02, Rev A
- UI Design Spec, UI Status Bar, 27/196 05-CRH 162 02 UI, Rev A
- UI Design Spec, UI Standby, 30/196 05-CRH 162 02, Rev A
- UI Design Spec, UI FC Text Entry, 18/196 05-CRH 162 02, Rev A

Keypad buttons

Button / Key	*Function*
OK	**OK** Enter selected function.
↩	**BACK** Exits present application and returns to previous menu.
C	**CLEAR** • Erase entered characters/digits from the display one by one. • Erase an entire row of entered characters/digits, press and hold. • Disconnect the microphone (mute function) when a call is in progress, press and hold. • Mute the ring signal during an incoming call. • Put the smartphone into silent mode, when in the standby mode press and hold.
☰	**OPTIONS MENU** • The menu offers different options for different applications. • Long press opens Applications.
*a/A	**ASTERISK** • Enter the character *. • Enter a **p** (pause) character if held down. • Toggles between different input modes (Abc, 123 ...) if held down.
# ⌴	**HASH / @** • Enter the character **#**. • Brings up a list with special characters if held down. • Terminate the input of pin and security codes. • Recall a phone number from the SIM card phone book (enter the number of the memory position and then press **#**)
0 - 9	**NUMERIC KEYS** • Enter the digits 0 to 9. • Enter associated characters or perform an associated function, for example: the 0 key, when held down, enters the international character '+' The 1 key, when held down dials your voice mail. • Enter a short-cut to a Phone book entry, press and hold.

Making and receiving calls

To make a call

1. Enter the area code and phone number, and press the Jog Dial or **OK** to make the call.

To end a call

1. Press the Jog Dial or **OK**.

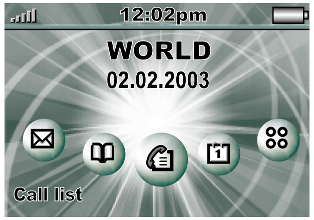
To receive a call

Press the Jog Dial or **OK** to answer an incoming call.

Note *Phone calls can also be made with the flip open/off, see the chapter Telephony for more information.*

Standby view

When powering on your smartphone the standby view is displayed. This view is displayed only in flip closed mode and contains configurable shortcuts (see the section *Application shortcuts* below) to other applications. Also, when closing the flip you always return to the standby view.



There are five application shortcuts in the standby view. Selected application is highlighted and its name is shown bottom left of the screen above the OK key. Press ***Jog Dial*** or ***OK key*** to start the application

There are also 6 icon positions, 3 at each side of the screen, for temporary indicators such as missed calls and unread messages.

Options menu

Press the menu button or pull the Jog Dial towards to open the standby options menu to get access to keylock, battery status, missed calls and more.

Application shortcuts

It is very convenient to have shortcuts to the applications you use most frequently in the standby view. Change the shortcuts in the following meny in flip open mode:

Control panel > Device > Flip closed shortcuts

Wallpaper

You can change the wallpaper in flip open mode, go to ***Control panel > Device > Display.***

Tip *More wallpapers can be found on the Multimedia for P800 CD, delivered with your smartphone.*

Status bar

The status bar on top of the screen displays:

📶 Signal strength. Varies from very low to full signal. Indicates also the status for your GPRS connection.

12:02 pm Time. Shows the current time and indicates activated alarms.

🔋 Battery. Indicates current battery level (zero to four units) and charging status.

Note *More information about battery status and GPRS can be found in* ***Options menu > Status***

Applications in flip closed mode

Select ⊞ to list all the applications possible to start with the flip in closed mode.

Call list

The Call list displays the latest calls either outgoing, incoming or missed. Press the Jog Dial or OK to call selected entry. Activated from the standby view only.

Contacts

Displays a list of your contacts. Enter selected contact to view associated phone numbers. Then press the Jog Dial or OK to make a call.

Messages

You can read, create, send and delete SMS and MMS messages in this view.

Calendar

The Calendar view displays entries, if any, for current day. Use the Jog Dial to get more information about selected entry or to change day.

Example

Tuesday 29 January

11:00 Lunch with A. Eriksson

14:00 Project meeting

Tasks

Keeps track of your tasks. Set due date, alarm, priority etc. to all your tasks and let your smartphone remind you on time.

Jotter

Displays a list of stored entries. In detailed view the whole entry can be seen. With the Menu button it is possible to edit or make a new entry via the keypad. It is not possible to make, edit or view a drawing in this mode

Voice Memo

Your smartphone can be used like voice recorder. Use the menu button to play, create a new or delete an old memo.

CommuniCam

In CommuniCam view the screen becomes a viewfinder. Press the Camera button or the Jog Dial to take a photo.

Tip *Camera button is also a shortcut to CommuniCam application.*

Online services

Your service provider might offer different services reachable from your smartphone. For example: weather forecasts, economical information or newsletters. Contact your service provider for more information.

Connections

Set the way you communicate to your PC or other device. Select between infrared, bluetooth and cable. In the cable menu you also select whether the smartphone is about to operate as a modem or not.

Selecting and starting

Rotate the Jog Dial to select application. In the standby view, selected application becomes coloured and slightly enlarged and the name is shown down to the left of the screen, just above the OK button. Press the Jog Dial or **OK** on the keypad to start selected application.

Tip *In* ⁘ *view, it is also possible to start an application by pressing its specific number.*

Closing applications

Present application automatically closes and the data is saved when returning to the standby view or switching to another application.

Entering text in flip closed mode

When pressing a key a pre-edit box with alternate characters is shown on the toolbar: `wxyz9`

If the same key is pressed again, next character in the pre-edit box is selected.

The C key deletes the character to the left of the cursor. If continuously pressed, the C key deletes several characters and then whole words.

Inserting text

There are four text entry types:

- Abc – initial upper case letter, the rest lower case. Default for each new text edit field.
- 123 – numeric entry only
- ABC – upper case entry
- abc – lower case entry

In text edit mode, press the options menu key and choose **Text Options > Input type** to select text entry type.

A short press on the asterisk key * toggles the input types in text edit mode.

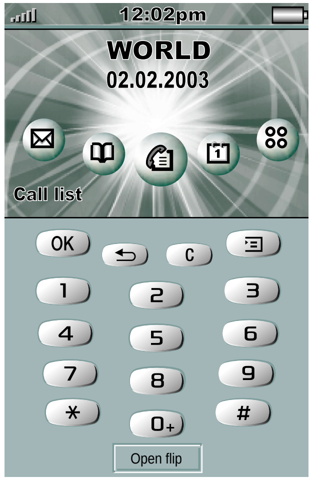
Inserting symbols

In text edit mode, press the options menu key and choose **Text Options > Symbols** to select item from the symbol selector table. Use Jog Dial to select row and press **OK**, then scroll within the row to select symbol and press **OK**.

Virtual flip

The virtual flip is to be used when you physically have removed the flip and want to use your smartphone in flip closed mode.

The virtual flip gives you the same functionality as the real flip keypad. Enter numbers and characters by using your stylus.



Tap **Open flip** to go to flip open mode.

See the chapter *“Flip open - overview” on page 34*” on how to remove the flip and activate the virtual flip.

Flip open - overview

This chapter describes what functions are available with the flip open.

Sources (this section will be removed)

The following documents and resources have been used when writing this chapter.

- Linnea prototype 6.2, SW incr. 5, PA9
- Users manual R380s
- UI Design Spec, UI Fundamentals, 31/195 05-CRH 162 02, Rev A
- UI Design Spec, UI Status Bar, 27/196 05-CRH 162 02 UI, Rev A

Sony Ericsson
Applications
View
All
CommuniCam
Pictures
Video
Audio
Internet
Messages
Contacts
Phone
Calendar
Tasks
Jotter
Voice memo
Calculator

Description of screen areas

In the flip open mode the screen is touch sensitive. The screen is divided in a number of areas, see figure and table below.

.

Screen_areas skall in här

Item	*Description*
A Application picker	Displays six icons for quick and easy access to the most common applications, customizable.
B Menu bar	Usually, contains two menus on the left, and a *folder menu* on the right. The two left hand menus always have the same form: • the *application menu*, whose name is *always* the same as the application, and which contains the system services used by most applications, such as ***Find***, ***Send as***, and ***Beam***. • the Edit menu, with editing items such as ***Cut, Copy, Paste, Zoom, Preferences*** and ***Help***
C Application space	The central area of the screen where the application view is displayed. Applications use this area in a way that is appropriate to the information that they display. Many of the built-in applications are based around 2 standard view layouts: a *list view* and a *detail view*
D Button bar	Optionally, an application view displays a button bar at the bottom of the application space. Not all application views require a button bar.
E Status bar	Displays device status information such as signal strength, battery and device information. Settings for sounds and time. On-screen keyboard.

Navigation

In flip open mode navigation done using the stylus and tapping selected items and by using the Jog Dial, see the chapter *“Getting Started” on page 9*”

Calibration

The screen is pre-calibrated to factory settings. However, this may not necessarily agree with how you use the stylus. Calibration is calculated by the average stylus tap speed and the location of the stylus tap on selection.

To re-calibrate the screen:

1. Select ***Applications > Control panel > General > Display***
2. Tap ***Calibrate*** and the calibrate screen appears.
3. Tap once at the centre of each of the three calibration points in numerical order.
4. Tap ***Yes*** or ***No*** to accept or reject the new settings.

To restore the factory settings

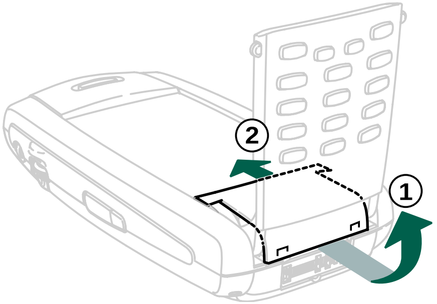
1. Select ***Applications > Control panel > General > Display***
2. Tap ***Calibrate*** and the calibrate screen appears.
3. Press Jog Dial - the text “Factory settings restored” is shown and you are taken back to the display screen.

Removing and attaching the flip keypad

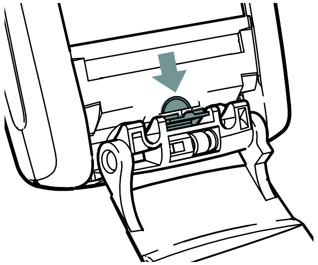
Removal

1. Use your fingernail to gently lift up and push the cover plate under and away from the keypad, see picture below.

Note *Be careful with the touch sensible screen. Never use a sharp object like a screw driver.*



2. Unlock the catch and lift away the keypad.

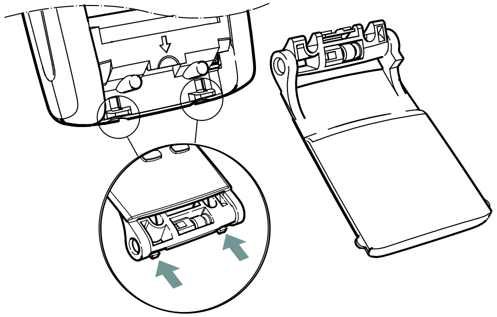


3. Attach the cover plate by first placing the small hooks by the screen and then press on the curved front part until it is securely fixed.

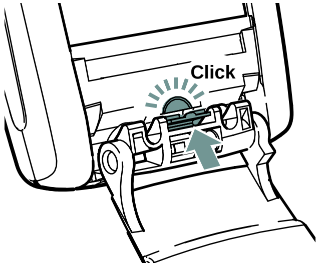
Attachment

1. If needed, turn the hinge on the keypad in correct position, see the figure below.

2. Attach the keypad to the smartphone.



3. Secure the flip by pressing the catch until you hear a click sound.



4. Attach the cover plate by first placing the small hooks by the screen and then press on the curved front part until it is securely fixed.

Virtual flip open mode

The virtual flip is to be used when you physically have removed the flip. Activate this function in ***Control Panel > Device > Flip removed.*** ▦ is shown on the status bar when virtual flip is activated. Tap it to get to virtual flip closed mode.

Telephony

This section describes how to use the smartphone as a telephone. Different possibilities are available:

- In Flip closed mode you can dial a number, using the keypad.
- In Flip open mode you can dial a number, using the virtual keypad.
- In Flip closed as well as Flip open mode, you can make a call from the contact list.
- In Flip open mode you can speed dial any of the 9 speed dial numbers, using the special contacts keypad. In Flip closed you can press the number representing the speed dial entry on the keypad.
- In Flip closed as well as Flip open mode you can call any previously called numbers, using the call list.
- You may even call by selecting a number included in a SMS or listed in an application.

Options in Flip closed mode

The following options are available during or after a call:

- End call.
- Hold call.
- Add to contacts (displayed if the phone number of the active call is known, and not found in the contacts database).
- Show contact (displayed if the phone number of the active call is known, and appears in the contacts database).
- Transfer sound (to a Bluetooth headset).
- Turn On/Off tones.
- Microphone mute On/Off.
- Copy number (displayed if the phone number of the active call is known).
- Paste number (displayed if the clipboard contains a number).
- Speakerphone on/off.
- Call list.

Options in Flip open mode

The following options are available during or after a call:

- End call.
- Hold call.
- Add to contacts (displayed if the phone number of the active call is known, and not found in the contacts database).
- Show contact (displayed if the phone number of the active call is known, and appears in the contacts database).
- Transfer sound (Only when Bluetooth headset has audio).
- Show cost / Hide cost (Call hit area).

The context sensitive menu, opened by pressing the ☰ key, contains the following options:

- Retrieve call.
- End call.
- Show contact.
- Add to contacts.
- Zoom in (if the calling party matches a contact with a stored picture).

Calls

To make a call in Flip closed mode, you may either use the keypad or the Jog dial. Use the stylus and the virtual keyboard in Flip open mode.

Placing calls

To place a call (Flip closed)

1. Dial the telephone number on the keypad and press **OK**.
   To remove a typed character - press **C**. To remove all characters - press and hold **C**.

To place a call (Flip open)

1. Select Telephony ☎.
2. Select the virtual keyboard icon ⌨.
3. Dial the number on the virtual keyboard and select the phone icon ☎.
   To remove a typed character - select the backspace icon ←.

To place a call using Speed dial (Flip open)

Speed dial is a fast way to call one of the last nine used phone numbers.

1. Select the Speed dial icon ☆.
2. Select an entry.

To place a call using the Call list

1. Open the call list by selecting the Call list icon ☎.
2. Scroll with the Jog dial or tap with the stylus to select an entry.
3. With Flip closed, select the phone icon ☎.

To place a call using the Contact list

1. Open the Contact list by selecting the Contacts icon 📖.
2. Scroll with the Jog dial or tap with the stylus to select a contact.
3. Scroll with the Jog dial or tap with the stylus to select a number.

To answer a call (Flip closed)

The smartphone rings when you receive a call. You can ***Answer***, ***Send busy*** or ***Mute***. If the calling party is found in Contacts, the name of the caller is displayed. If there is a picture it will also be shown.

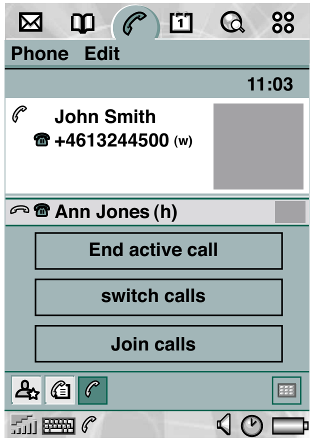
1. Chose ***Answer*** to answer the call.
2. Choose ***End call*** to finish.

Note *Select **Send busy** to send a busy signal to the calling party. Select **Mute** to just turn off the ring signal. The calling party will still be calling.*

To put a call on hold for placing another call

1. Place a call or answer a call.
2. Select ***Hold call***.
3. Place a second call, or answer a call. The held call is shown with grey background.

- To switch between the calls:
  - With Flip closed, press the ☰ and select ***Switch calls***.
  - With Flip open, select the call with the grey background and select ***Switch calls***.
- To end the active call and continue with the held call, select the ***End active call*** button.
- To join the calls to a conference, select ***Join calls***. See “Conference calls” on page 44.



To end a call

- Select ***End call***.

To reject a call

- With Flip closed, select ***Reject*** or, press the ***Back*** key.
- With Flip open, select ***Send busy.***

To silence the call ring signal

This does not affect the call. It just silences the signal.

- With Flip closed, select ***Mute***, or press the ***C*** key.
- With Flip open, rotate the Jog dial and select ***Mute***.

To place a call using voice control

- Say the “magic word” and then the name of the person you want to call, and the smartphone gets connected.

Note *This option requires that the number of the calling party is provided with a voice recording. See “Preferences” on page 45.*

Tip *The Magic word is not needed if you use a Bluetooth headset. Press the headset call button and say the name of the person you want to call.*

Copying/pasting number

A highlighted telephone number may be copied and pasted for exchange with other text fields or in applications.

- Copy number - if a number has been entered.
- Paste number - if there is a copied number stored in the clipboard.

To copy/paste a number

- Select ***Telephone > Preference > Copy/Paste number***

Displaying calls

During call set up, a progress window shows the current status. ***Calling*** is displayed until a line has been allocated. When the line has been allocated ***Connecting*** is displayed.

After a call is finished the view will return to the application in Flip open mode that were active when you answered.

If an incoming call matches an entry in Contacts, the corresponding information is displayed. If the number is not found in Contacts, only the telephone number is displayed.

At the top of the window, the call timer for the call is displayed. The cost meter is also displayed, if available.

After the Name/Number field a character indicates the phone number type.

- Home - indicated by ***(h).***
- Work - indicated by ***(w).***
  When using voice control, you can also let the smartphone tell you who is calling.

Missed calls

When a call has been missed, a message is displayed.

- Select ***View*** to display information on the missed call.

Network indication

The area at the top of the display contains network indication, which can be:

- Network/Service provider name.
- No network.
- Emergency calls only.
- Searching.

Call log

The call log allows you to check the smartphones data on calls made, received or missed. The log keeps track of cost information, length, date and time of each call.

The List view of the call log displays the contents in order where the most recent call is at the top.

Note *Refer to the Icons chapter to find out which icon that represent each kind of calls in the smarthpone.*

In Flip Open:

1. Select the call log icon ☎.
2. Select a listed call to see more detailed information about it.

In Flip closed:

1. Press ☰ and select ***Calls*** from the menu.
2. Choose ***Call list*** or ***Missed calls***, depending on what you are looking for.

Tip *In Flip closed mode you may press the OK key twice to re-dial the last number used in the smartphone.*

Advice of Charge (AoC)

Advice of charge allows you to keep track of the cost of calls and to stop the device from making chargeable calls when a certain credit limit has been exceeded. This option is only available if Advice of Charge is supported by the SIM subscription.

If the credit is limited, a warning ***Low credit*** is displayed, when there is approximately thirty seconds of credit left.

When the credit runs out, ***Credit expired*** is displayed and ongoing calls are stopped.

Auto Retrying

If a call attempt is not successfully connected, the smartphone automatically retries to call after a while.

When retry has been initiated the smartphone will continue to retry for a number of times or until you invoke any other action. The type of connection failure determines the number of retry attempts.

While the time between the retry attempts is elapsing the dialogue ***Retrying*** is shown. When a retry is successful, the smartphone alerts you with a single ring tone.

Remote party notifications

When a remote party carries out certain operations, the smartphone may receive a notification. An alarm is sounded and one of these messages is shown.

- Call held by other party.
- Call retrieved by other party.
- Call transferred by other party.
- Calls joined by other party.
- Call is waiting at other party.

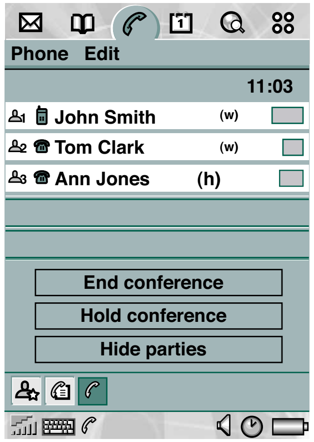
Terminating a call when another is on hold

When the active call is terminated, you are asked to retrieve the held call. If you do not respond within a few seconds the held call is also terminated.

Receiving a call when another is on hold

If someone calls when a call is on hold, you are asked if you want to release the held call and answer the incoming call.

Conference calls



A conference call can be started when you have an active call and a held call.

The conference call view is automatically displayed whenever a member has been added to the conference. The conference call view is displayed when selecting the ***Show parties*** button, from the standard call control view. You return to the standard call control view by pressing the ***Hide parties*** button.

If an incoming call is answered during a conference call, the conference call is put on hold.

Note *Conference calls are subject to being supported by the network.*

To start a conference call

- Select the ***Join calls*** option from the Phone menu, or the ***Join calls*** button.

To extract a party

- Select ***Phone > Extract party***.
  This causes the conference call to be put on hold, the selected party is then removed from the conference and becomes the active call.

To release a party

- Select ***Phone > Release party***.
  This ends the call to the selected party.

Emergency calls

If you initiate a call to a number which is identified as an emergency number, The ***Emergency call*** mode is shown.

Emergency call can be made without PIN or PUK codes, even without a SIM card. You can end the call using the menu key.

Preferences

In this menu you may change the settings for a number of telephony options.

To set the telephony preferences

1. Select ***Edit > Preferences.***
2. Select the item to set-up.

Incoming call alert

This option lets you choose individual ring melodies for each smartphone profile; Handheld, Handsfree and Car. You may also set individual volume levels or let the smartphone vibrate.

1. Use the stylus to point and drag the bar lever to the preferred sound level.
2. Select the list view and highlight the signal of your choice.
3. Select ***Done*** to activate the changes.

Incoming call picture

- Select the option to automatically show the picture saved in contacts at incoming calls.

Voice control

The voice control option lets you handle calls vocally. Say a "magic word" and then the name of the person you want to call, and the smartphone tries to call.

The magic word is a command that bypasses the key press to activate voice dialling.

1. Switch the option on and set when to use the “Magic word”.
2. Select if the name of the calling party should be played at incoming calls.

To record a voice command

1. Select one of the options, ***Magic word***, ***Answer***, or ***Busy*** and select ***Record***.
2. Say “a word” after the tone
   Be sure to use a word that you can remember. For example “Calling”.
3. Select ***Play*** if you want listen to your recording.
4. Select the voice message options for each smartphone profile.
5. Select ***Done*** to exit.

Flight mode

Turns off the radio function so it wont disturb wave sensitive equipment, for instance when you want to use the smartphone in an aeroplane or in a hospital.

To set flight mode on/off

- Select the option.

If the Flight mode is set, a dialogue gives you the option to switch Flight mode off, everytime the smartphone is powered on or off.

To set flight mode on temporarily

- Select ***Flight mode now.***

Locks

Locks contains options for:

- When to lock the device, the SIM card or the keys on the keypad.
- Changing the lock codes.

The Device lock is an option for powering on the smartphone.

Key lock blocks your keys to be pressed by mistake, for instance when the smartphone is in your pocket.

The SIM card lock demands your code when the phone is turned on or when a new SIM card is installed.

Note *For more information see the chapter: Locks and Security.*

Add to contacts

This option enables the function for adding the calling party to contacts.

Handsfree

Handsfree lets you choose how to answer the smartphone when it is used in a handsfree situation.

You may also activate a bluetooth device from this menu.

To set handsfree options

- Select ***1 ring*** to have the smartphone answer automatically after one signal or ***Any key*** for answering by pressing any key.

To set bluetooth options

- Select the preferred sound device; Phone or Headset.

Forward calls

Forward calls lets you choose how to forward incoming calls to another number, on:

- Busy
- Not reachable
- No reply
- All calls
- Data calls
- Fax calls

To forward calls

1. Enter the telephone number you want to forward to.
2. Select Done.

Tip *Normally the data/fax options are not changed.*

Accepted callers

You can accept calls from selected persons even when the smartphone is set up to divert calls.

To add an accepted caller

1. Select ***Add new.***
2. Write the name and the number of the contact you want to reach through.
3. Select ***Done***.

Call waiting

This option sets the call waiting option on or off.

Restrict calls

You can set restrictions for calls made from or to your smartphone. You may for example protect it from being used with long distance calls.

To restrict incoming calls

1. Select the ***Incoming calls*** tab.
2. Set restrictions for:
   - All incoming calls.
   - Incoming calls when roaming.

To restrict outgoing calls

1. Select the ***Outgoing calls*** tab.
2. Set restrictions for:
   - All outgoing calls.
   - Outgoing international calls.
   - Outgoing international calls except to home PLMN.

To change the password

1. Select **Change password**.
2. Enter the old code.
3. Enter the new code.
4. Comnfirm the new code.

Voice mail

For easy voice mail access, enter the number to the voice mail of your card operator.

GSM Networks

This option lets you choose a secondary net when you are outside your operators area. Choose if you want to search for a new network or use a preferred one. You can also make a list of preferred networks.

Note *Your operator may not allow all you to access all available networks, depending on policy.*

Calling cards

This options is used to handle calling cards.

AoC - Call meter settings

This option is only available if Advice of Charge is supported by the SIM subscription.

- Limited - the limit is mostly preset by the operator. When the credit is set to limited, chargeable calls should only be made if the credit is larger than 0. The option is however useful if you want to restrict the call cost for yourself or another person that uses the smartphone.
- Unlimited - there is no credit limit. Calls can be made even if there is no charging information available.

Call summary

When a call is terminated, a call summary is displayed, with time information and, if available, cost and remaining credit information of the call.

Hints and smart functions

Special characters

- A long press on the ***** key inserts the DTMF string character **P**. (Also sometimes pause.)
- A long press on the **0** key inserts the international call prefix **+**.

Change phone volume

During a call you may use the jog dial to change the phone volume.

The C key

- During an active call, holding the **C** key mutes the microphone. A short press on **C** activates the microphone again.
- During a call a press on the **C** key mutes the microphone.
- When entering text in Flip closed mode, the **C** key erases the last entered letter. A longer press deletes all text in the active field.

DTMF

You can use your telephone banking services or use a company service by sending tones during a call. You can also program fast dial functions including DTMF-tones.

Use this to reach the bank service for example, and you will have instant access to your bank account. All you have to do is to manually enter your bank code.

1. Press the keys from the keypad that represents the codes or services, for example the code 010-000000p1#33# to check your bank account:
   - Start with the number to the bank service (for example 010-000000).
   - Insert a P to activate the tones after a short pause.
   - Insert the number representing the option your bank has programmed (for example 1 for automatic banks services).
   - Insert the numbers that represent the service your bank has programmed. (for example 33 for checking your bank account).
2. Select **Save**.

Warning! *Do never program any personal codes in your smartphone.*

GPRS - data logs

Icons on the status bar lets you overview the information about calls of dataconnection type.

The HSCSD/CSD and GPRS icons are displayed during a data connection. Where GPRS is suspended, for example by a voice call the GPRS suspended state is indicated by a combined icon . GPRS is inactive during a CSD or HSCSD data call.

There are three states for the GPRS icon: Active , active transferring data (alternates between and) and suspended . Any data transfer either received or sent activates the GPRS active icon for 2 seconds.

A combined signal strength and GPRS signal icon provides information on the GPRS connection status. The GPRS connection status appears above the signal strength icon. There are three states for the icon, unavailable , available and active .

Connection information

When the data connection icon is selected during an active data connection, a pop up menu displays ***Information*** and ***Disconnect***.

Selecting ***Information*** displays information on the connection.

GPRS status information

When the signal strength icon is selected, network, GPRS status information, and GPRS error text is displayed, where applicable.

GPRS data log

A new GPRS data log entry is created when a GPRS account establish a connection and transfers data. If there is an existing data log associated with the current GPRS connection then this is updated.

The GPRS data log application consists of a list view and a detail view displayed when an account entry is selected.

List view

The List view displays a list of GPRS Internet accounts. Where one account is active or suspended, the relevant status icon is displayed to the left of the account.

Detail view

Select an account entry from the list view to display the data view for that account.

This view displays information on the account. The data log is updated dynamically.

Buttons allows you to delete or reset the current data. These buttons are disabled during an active or suspended connection.

Session data

When the connection is deactivated, for example when the current Internet account is disconnected, the total data sent and received in the last session is displayed.

In both Flip Open and Flip closed the information is displayed for a couple of seconds. In the Flip closed mode, the information can be dismissed with the Back button.

The Server tab supports the APN address and PDP type.

Contacts

Contacts is an address book, from which you can easily access business contacts and friends. Contacts stores names, phone numbers, e-mail addresses and other useful information. You can create and edit entries, scroll, or search for a specific name. Contacts is available in Flip open and Flip closed modes.

The information stored in the SIM phone book is also accessible, with phone number, name, and SIM position. SIM phone book entries can be imported to Contacts and Contacts entries can be exported to the SIM phone book.

Flip closed mode

With the Flip closed, you can place calls and send SMS or MMS messages.

Contact has two views in Flip closed mode:

List view	An alphabetical list of contacts. The list view is the starting point for finding a contact.
Detail view	The details for a contact.

Context sensitive menus

In both views you can use the context sensitive key ☰ to access some of the smartphone’s contact functions.

Menu options in list view

Option	Description
Zoom in/out	Zoom the display in or out.
SIM phone book	Display the contacts of the SIM card.
Send owner card	Send your business card as IR or Bluetooth.
Find	Search for a specific contact.
Undo delete	Revert the last deleted contact.
Main menu	Return to the application launcher.

Menu options in SIM phone book

Option	Description
View all	Switch to Contacts list.
Information numbers	Display the information numbers on the SIM card, if any.
Service numbers	Display the service numbers on the SIM card, if any.
Zoom in/out	Zoom the display in or out.
Main menu	Return to the application launcher.

Menu options in detail view

Option	Description
Call	Call the active contact.
Send SMS	Send an SMS to the active contact.
Send MMS	Send an MMS to the active contact.
Send as	Send the active contact as SMS, IR or Bluetooth.
Delete contact	Delete the active contact.
Applications	Start other applications.

Placing a call

To select a contact

1. Select the Contacts icon 📖 .
2. If you want to place a call to a contact in the SIM phone book, select ***SIM phone book*** from the context sensitive menu. If there are information numbers or service numbers stored on the SIM card, you can also access them.
3. Scroll down to the desired contact or Select ***Find*** from the menu and search for the contact.

To use Quick index

1. Press and hold a number key. The first contact, corresponding of the first letter of the key, is shown.
2. To search further, use the keys in the normal manner.

To place a call

1. Select a phone number.
2. Click the jog dial or click ***OK***

or

1. Select a phone number.
2. Select ***Call*** from the context sensitive menu.

To send an SMS message

1. Select a phone number.
2. Select ***Send SMS*** from the context sensitive menu.

To send an MMS message

1. Select a E-mail address.
2. Select ***Send MMS*** from the context sensitive menu.

Adding a contact

You can create a new contact using information from a recently received voice call or message. Refer to the Telephony set-up for information on how to enable this function.

1. Select ***Yes*** when asked to add to contacts.
2. Enter contact name and edit the number, if required.

- To access the full edit view, open the Flip.

Deleting a contact

1. Select the contact.
2. Select ***Delete contact*** from the context sensitive menu.

- To revert a deleted contact, select ***Undo delete*** from the context sensitive menu.

Flip open mode

The contact application can be found in the application picker and in the Application launcher.

Contact has three views in open mode:

List view	An alphabetical list of contacts. The list view is the starting point for finding a contact.
Detail view	The contact details for a contact.
Edit view	Contact details, displayed in a way that allows you to add and change the information.

Tabs at the bottom of the List view provide a fast way to locate information. To highlight the first entry that begins with the first letter on a tab, select the tab once. To highlight the first entry that begins with the next letter on the tab, select the tab again.

abc
def
ghi
jkl
mno
pqr
stu
v-z

Menus

In all views there is a menu bar from where you can access some of the contact functions.

Menu options in list view

Menus	Option	Description
Contacts	New	Create a new contact.
	Find	Search contacts containing a specific text.
	Send owner card	Send your business card as Bluetooth, e-mail, SMS, IR or MMS.
	View owner card	View your personal business card.
Edit	Undo delete	Revert the last deleted contact.
	Paste contact	Paste a received or copied contact into Contacts.
	Zoom	Set zoom level, small, medium or large.
	Preferences	Select how the contact list is to be sorted, and if telephone numbers should be displayed in the list.
	Help	Open the help program.
Folders	All	Show all contacts in the list.
	Unfiled	Show the contacts that is not in a folder.
	Edit folders	Categorize your contacts in folders (business, personal etc.).

Menu options in SIM phone book list view

Menus	Option	Description
Contacts	New	Create a new contact.
	Information numbers	Display the information numbers on the SIM card, if any.
	Service numbers	Display the service numbers on the SIM card, if any.
	Own numbers	Display speech, fax and data numbers on the SIM card.
Edit	Paste contact	Paste a received or copied contact into Contacts.
	Copy to contacts	Copy the shown SIM card entry into Contacts.
	Copy all to contacts	Copy all SIM card entries into Contacts.
	Sort by SIM position	Sort the list according to SIM position.
	Zoom	Set zoom level, small, medium or large.
	Preferences	Select how the contact list is to be sorted, and if telephone numbers should be displayed in the list.
	Help	Open the help program.

Menu options in detail view and edit view

Menus	Option	Description
Contacts	New	Create a new contact.
	Find	Search contacts containing a specific text.
	Send as	Send a contact as Bluetooth, e-mail, SMS, IR or MMS.
	Set as owner card	Set the active contact as owner card/ personal business card.
	Delete contact	Delete the active contact.
Edit	Edit contact	Change the details of the active contact.
	Copy contact	Copy the active contact.entry.
	Cut	Cut out the marked text.
	Copy	Copy the marked text.
	Paste	Paste the copied text into the selected field.
	Add field (in Edit view only)	Add an extra field to the active contact.
	Show in list	Specify the phone number to be displayed next to the contact in the List view.
	Zoom	Set zoom level, small, medium or large.
	Preferences	Select how the contact list is to be sorted, and if the telephone number should be displayed in the list.
	Export to SIM	Export the contact to SIM.
	Help	Open the help program
Folders	Unfiled	Show the contacts that is not in a folder
	Edit folders	Categorize your contacts in folders (e.g. business, personal etc.)

Personal details

The first time you use your smartphone you are advised to enter your personal details. You create an electronic business card, containing your contact details, including notes and a photo. You can attach this card to e-mails, or beam it to another device.

To create your own business card

1. Select ***Contacts*** **>** ***New*** and enter your details.
2. Select ***Contacts*** **>** ***Set as owner card.***

Placing a call

To open Contacts

- Select the Contacts icon or select ***Contacts*** in the Application launcher .

To search for an entry containing specific text

1. Select ***Contacts > Find.***
2. Enter the text string you wish to search for.
3. Select either ***In all fields*** or ***In Names & Company*** and click ***Find.***
4. When search is completed, all results are displayed.

Note *Searching is not case sensitive and you do not have to enter an entire word to locate a matching entry.*

To place a call

1. If required, change category from the ***Folders*** menu.
2. Scroll down to the desired contact.
   If the contact list is long, first select a tab at the at the bottom of the view.
3. Select the contact to display the information.
4. Depending on what you want to do, select according to the following:
   - Select the phone icon ☎ or the phone number to place a call.
   - Select the e-mail icon ✉ or the e-mail address to send an e-mail.
   - Select the web icon 🌐 or URL to open a web page.
   - Select the MMS icon ✉ to send an MMS message.
   - Select the SMS icon ✉ to send an SMS message.

Note *Regarding detailed information on these functions, please refer to the respective section of the manual.*

Managing contacts

You may sort the contacts according to first name, last name or company. The contact entries may also be filtered by category such as business or personal.

To create a new contact

1. Select ***Contacts > New.***
2. Enter desired information. When applicable, select from drop down menus.

To add a voice dialling command

Voice dialling commands can be added when you create or change a contact.

1. Select the Voice commands icon 💬 at the bottom of the screen.
2. Select a number.
3. Select the ***Record*** button.
4. Record a new voice command after the tone.

- To play a recorded voice command, select the ***Play*** button.
- To remove a voice command, select the ***Delete*** button.

To add a note to a contact

1. Select the note tab 🗋 .
2. Enter the text.
3. If you do not want the note to be included when you send, beam, or synchronize the contact, select the ***Private*** box.

To add a photo or other image to a contact

1. Select the photoview tab 🖼 .
2. Select the image space.
3. If required, change folder.
4. Select the image to use.
5. Select the ***Select*** button.

- To change an image, select the old image and select ***Replace image.***
- To remove an image, select the old image and select ***Delete image.***

To change a contact

1. Select a contact.
2. Select ***Edit > Edit contact.***
3. Change the desired information. When applicable, select from drop down menus.

To add a field to a contact

1. Select the contact.
2. Select ***Edit > Edit contact.***
3. Select ***Edit > Add field.***
4. Select the field to be added from the drop down list.
5. Select ***Add.***

To delete a contact

1. Select the contact.
2. Select ***Contacts > Delete contact.***

Managing the SIM phone book

You manage the SIM phone book the same way as the Contacts. You may also sort the SIM phone book according to SIM position. You can also copy information between the smartphone and the SIM card.

To import contacts from SIM

- Within the SIM phone book detail view, select ***Contacts > Copy to Contacts*** for importing the selected SIM entry.
- Within the SIM phone book list view, select ***Contacts > Copy all to Contacts*** for importing all SIM entries.

To export contacts to SIM

1. Select a contact.
2. Select ***Contacts > Export to SIM***.

3. If the contact has multiple telephone numbers, select the number to export.
4. Select ***Done***.

Sending contact details

You can send contact details to others: by SMS message, MMS message, Infrared, or Bluetooth.

To send contact details

1. Select a contact.
2. Select ***Contacts > Send as.***
3. Select the message type.
4. Select ***Done.***

To send your own contact details

1. Make sure the two infrared ports are aligned.
2. In List view, select ***Contacts > Send owner card***.
3. Select the message type.
4. Select ***Done.***

Settings

To sort the contact list and show the preferred phone number

1. Select ***Edit > Preferences.***
2. Select the desired sorting option (first name, last name or company) and click ***Done.***
3. If you want a telephone number to be shown nest to the name in List view, select ***Show preferred phone number.***
   If no number is selected below, the first telephone number is used.
4. Select ***Done.***

To change the preferred phone number

1. Select a contact.
2. Select ***Edit > Edit contact.***
3. Select ***Edit > Show in list.***
4. Select the number to be shown from the list.
5. Click ***Done.***

Note *If no numbers appear, ensure that* ***Show preferred phone number*** *is checked in preferences.*

Phone book manager

On the CD, there is an application called “Phone book manager”. This application is used to manage the SIM card information from a PC.

1. Prepare the smartphone for modem connection. Refer to the “Setup” section for information.
2. Connect the smartphone to the PC.

3. Start the Phone book manager application on the PC.
4. For instructions on the application, refer to the application help information.

Messages

With ***Messages*** you can create, send, and receive different types of messages:

✉	e-mail messages. Your smartphone's mail client supports POP3 and IMAP4 mail servers, MIME attachments and SMTP for sending mail.
✉	SMS (Short Message Service) messages are short text messages sent and received via the network operator's message centre. EMS (Enhanced Message Service) messages also allow pictures, sounds, melodies and animations to be inserted.
✉	MMS (Multimedia Message Service) messages. An MMS message from your smartphone can contain text, graphics, animations, photographic images, audio clips and ring melodies.

You also use ***Messages*** to receive:

- Area Information messages.These are impersonal text messages broadcast to all subscribers in a network area.Typical uses could be sending local road reports or local taxi phone numbers (Area Information services are not available from all operators).
- BIO (Bearer Independent Object) messages. There are different types of BIO messages:
  - Setup (e-mail, Internet, WAP accounts)
  - E-mail notifications
  - Files for exchanging electronic business cards (vCard) and calendar information (vCal).
- Auto setup files for OTA (Over The Air configuration).

The different types of messages, e-mail, SMS, and MMS messages are handled by separate messaging accounts. Tap ***Control panel* > *Connections* > *Messaging accounts*** to see the details of the messaging accounts on your smartphone.

You can have any number of e-mail accounts - a typical configuration will be one business and one personal account. When you set up a synchronisation with your PC, an account for synchronised e-mails is automatically created on you smartphone.

SMS and MMS messages use only one account each.

Accounts are automatically created for storing received:

- Area info messages
- Auto setup messages
- Beamed messages

Each account stores its messages in four folders: ***Inbox***, ***Outbox***, ***Draft***, and ***Sent***.

Before using Messages

Before you can send and receive any messages you need to set up the necessary accounts.See *"Getting started with Internet and Messages" on page 153*

Tip *A simple way of setting up an Internet or e-mail account is to ask your service provider to send you a message that contains the required information to create an account automatically on your smartphone.*

Folders in Messages

There are four folders for each messaging account: ***Inbox***, ***Outbox***, ***Draft*** and ***Sent***.

Inbox

Inbox contains received messages. You can reply to, forward, and delete messages, but not edit them.

Received auto configuration messages are stored in the ***Auto setup*** account ***Inbox***.

Outbox

Outbox contains messages that are ready to be sent. Saving a message to ***Outbox*** is useful if you have several to send: you reduce connection time by sending them all at the same time.

To save an e-mail to Outbox:

1. After composing your message, tap ***Send.***
2. Select ***Save to Outbox.***
   You cannot save SMS messages to ***Outbox*** unless the phone fails to connect.

Messages that you send from an e-mail synchronisation account are always saved to ***Outbox*** and sent from your PC after your next synchronisation.

Draft

Draft contains messages that are not ready to be sent.

To store a new message in Draft:

1. Create the message and leave it without tapping ***Send***.

To move a message from Outbox to Draft:

1. Open the Outbox message list and tap ***Message > Move to Draft***.

Sent

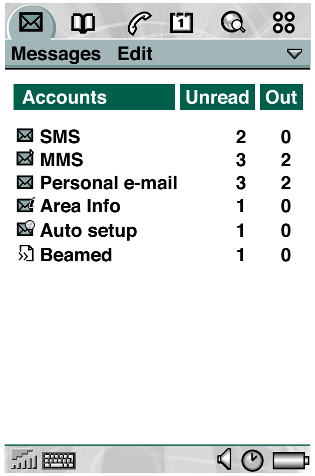
Sent contains messages you have sent from your smartphone.

Tip *To avoid running out of storage space on your smartphone, make it a habit to clear out unneeded messages from your* **Sent** *folder.*

The accounts in Messages

When you open Messages, a list of your accounts appears.

An asterisk next to an account indicates that a message has arrived since you last opened the accounts inbox



Accounts	Unread	Out
SMS	2	0
MMS	3	2
Personal e-mail	3	2
Area Info	1	0
Auto setup	1	0
Beamed	1	0

How to use Messages

SMS and EMS messages

An SMS (Short Message Service) text message is a short message that you can send and receive on a mobile telephone. It can contain up to 160 characters. If you create a longer message it will be sent as two (or more) separate messages, but received (if the receiving telephone supports this) as one message. If you add pictures, animations, melodies and sounds to your message it becomes an EMS (Enhanced Message Service) message.

Text messages can be sent to one person, or to a group of recipients that you have saved in Contacts.

To write and send a text message:

1. In ✉ ***Messages*** select ***SMS > Message > New***
2. Enter the number to the recipient or tap ***To*** and select recipient or recipients from your contact list and tap ***Done.***
3. Write your message and tap ***Send.***

To add EMS features to you SMS:

1. Tap ***Edit > Insert Object***
2. Select the type of media you wish to import and tap ***Continue***
3. Select the item you want to insert and tap ***Done.***

Here you can see an example of an SMS with inserted EMS features .

MMS messages

MMS (Multi Media Service) messages can include real pictures, animations and sound, organised like a slide presentation with time based control of the playback. Composing an multimedia message is like building a small slide presentation. A typical page will consist of a picture, some text and sound.

Editorial Comment:*Första bilden när man kommer in i MMS.*

A picture taken using the integrated Communicam can quickly and conveniently be sent via MMS using the **Send as** command from the viewer. MMS messages can be sent to a mobile phone or an e-mail account.

To create a new MMS message:

1. Select your MMS account and then tap **Message > New** or open an existing message and tap **Message > New**.
2. The first page of the new message is now displayed. To add an image, text, audio, voice or scribble tap

******Startbild för att skapa MMS, inget infogat******

To insert an object:

1. Tap
2. Select the type of object you want to insert from the list.

Here you can see the first page with an inserted picture.

*****Bild 1 av i skapande av MMS med infogad bild och ljud samt add media ikon****

To delete, replace or edit an inserted object:

1. Tap the inserted object and choose an action.

To add a new page to your MMS message:

1. Tap You now have a completely new page to insert objects on

****Bild 2 i skapande av MMS, sida 2 av MMS:et men något infogat New illistration needed****

To edit an inserted picture:

1. Tap the picture so that it is highlighted.
2. Tap ***Edit image.*** While editing your picture you can add scribble, resize, crop or rotate your image. To undo your changes, tap ***Edit > Undo all.***

Warning! *If you have accepted you changes by tapping Done, there is no undo possibility.*

To set the download method for receiving MMS messages, manual or automatic:

1. In ***Control panel,*** tap ***Connections > Messaging accounts > MMS > Download method***

- ***Manual*** means that only notifications will be downloaded and the full message will be downloaded to your smartphone when you select ***Receive***. You can only view the notification. To view the full message, tap ***Receive***.
- ***Automatic*** means that the full message will be downloaded to your smartphone directly and can be viewed directly when selecting ***Read***.

To insert an attachment:

1. While creating your MMS message, tap the tab with the attachment icon, **(Attachment Icon)**
2. Tap ***Add***.
3. Select the type of attachment you want to add.
4. Select the attachment.

To play a received MMS message (manual mode, flip closed):

1. The dialogue “***You have 1 new message***” appears
2. Select “***1 Read”***.The header for the message is displayed.
3. Tap ***Receive***.The message will be downloaded and played on your smartphone. It is also saved in your inbox for MMS messages.

To play a received MMS message (automatic mode, flip closed):

1. The dialogue “***You have 1 new message***” appears.
2. Select “***1 Read”***.
3. The message is played, downloaded and stored in your inbox for MMS messages.

E-mail

Writing e-mails

To write a new e-mail:

1. Select an e-mail account and tap ***Message > New*** or open an existing e-mail and tap ***Message > New.***

If your leave the message before sending it, it is automatically stored in the folder ***Draft*** (unless it was created from Outbox, in which case it remains there).

To mark an e-mail as urgent:

1. On the 👤 address tab, select ***High*** in the ***Priority*** list

Tip *If you are creating several e-mails, you can reduce connection time by saving them to* ***Outbox*** *and then connect and send them all at the same time.*

To save an e-mail to Outbox:

1. Tap ***Send***
2. Select ***Save to Outbox > Done***

To enter addresses from Contacts when writing an e-mail:

1. Tap ***To:***

2. In the ***Find contact*** dialogue select the tick box for each entry you want to send the e-mail to.
3. Tap ***Done***.

Tip *To enter several addresses manually (without using Contacts) in a text message or e-mail: enter a comma between each address.*

Sending e-mails

To send an e-mail:

1. Tap ***Send > Send*** immediately

Note *If your smartphone is connected to the Internet when you send a mail, it is sent immediately, and your smartphone remains connected when it is finished. If not, your smartphone connects to the Internet, sends the e-mail and disconnects.*

To save an e-mail and send it later:

1. Tap ***Send > Save to Outbox***.

To move an e-mail from Outbox to Draft:

1. In your list of Outbox messages, tap to the left of the e-mail (a tick appears), and tap ***Message > Move to draft***.

Note *E-mails in a synchronised account are always saved to Outbox, and are only sent after your next synchronise your smartphone and PC e-mails.*

Sending Attachments

To attach an entry to an e-mail that you are writing:

1. On the attachment tab **(attachment icon)**, tap ***Add***
2. Select the type of attachment you want to add.
3. Select the item.

You can attach entries to e-mails directly from the following applications: ***Calendar***, ***Contacts***, ***Tasks***, ***Jotter***, and ***Voice***.

To attach a Calendar entry to an e-mail:

1. Open the entry in Calendar and tap ***Calendar > Send As.***
2. Tap ***Email > Done.***
3. Create the e-mail and tap ***Send***.

To attach a Contact to an e-mail:

1. Open the contact details for the contact you wish to send and tap ***Contacts > Send as***
2. Tap ***Email > Done***
3. Create the e-mail and tap ***Send***.

Note *When you forward an e-mail, you can choose whether or not you wish to forward the attachment. Large attachments increase the size of an e-mail and consequently the connection time needed to send it.*

Downloading

You can choose not to download large e-mails and receive just a header instead. A header contains the subject line, sender's details, and date, but not the full message. You can then choose whether or not to download the full message.

To specify a size limit for e-mails, above which you only receive a header:

1. Tap ***Control Panel > Connections > Messaging accounts > Email > tap the e-mail account > Edit***
2. Tap ***Inbox***
3. Select an option from the ***Download*** list.

In your list of messages, headers are denoted by **(header downloaded icon)**

To download the full message:

1. In your list of messages: Tap the header.

To download a series of messages:

1. In your list of messages: Tap the tick box to the left of each entry (a tick appears).
2. Tap ***Get & Send***.

Note *If you delete a notification the message will no longer be visible in your message list, but the actual message is not deleted until your smartphone has connected to the mail server.*

Downloading e-mails automatically

If you are using a GPRS Internet account, your can schedule your e-mails to be downloaded automatically at certain times.

To download your e-mails automatically:

1. In Control panel, tap ***Connections > Messaging accounts > Email***
2. Select the required e-mail account and tap ***Edit***
3. Tap ***Inbox > Schedule***
4. Set time or interval for scheduled download and tap ***Done***.

Synchronised e-mails

When you set up a synchronisation with your PC, an account for synchronised e-mails is automatically created on you smartphone and indicated by **(syncfile icon)**. You can have more than one account for synchronised e-mails.

If you set up an account to dial in for messages that you also receive using e-mail synchronisation, the two accounts will contain the same messages.Note that there is no connection between the accounts, the copies in each account are separate.

Disconnecting and connecting

If your smartphone is already connected to the Internet when you send an e-mail, it remains connected after sending it. If your smartphone is not connected before sending and e-mail, it will connect and send the message and then disconnect.

Note *You can send SMS messages while connected to the Internet, but you can not make or receive phone calls.*

Tip *If you are using a GPRS Internet account, you can schedule an automatic download of your incoming e-mails. E-mails that are waiting in your* ***Outbox*** *are not sent at the same time.*

If your smartphone cannot connect to the e-mail account, automatic download will fail, and **mailerror (scheduled download error)** is displayed next to the e-mail account. Check, if downloads are scheduled to occur from the same location each time, that the reception in that location is good enough.

A scheduled download will fail if your smartphone is engaged in a voice call.It may fail if it is connected to another ISP that is, through another Internet account than specified for the e-mail account **(Check this with Steve Burke-(Lennart Lönneborg))**

If e-mail are not downloaded because a scheduled download fails, they are downloaded during the next successful connection.

You can select an e-mail account that uses dial-up rather than a GPRS account but automatic download will fail if your smartphone is not connected to the Internet when downloads are scheduled.

Receiving Attachments

Any attachments to an e-mail message are displayed on the tab **(attachment icon).** The icon next to an attachment in the list identifies the type of attachment.

To view an attachment you need a viewer for that type of file.Your smartphone comes with pre-installed viewers for Microsoft® Word, Excel, PowerPoint® and Adobe® Acrobat® (PDF) files. Many more are available from the ***Multimedia for P800*** CD.

Note *When you reply to an e-mail that has an attachment, the attachment will not be included in your reply.*

Area information

Area information messages are impersonal text messages that are sent to all subscribers in a certain network area, for example, a local traffic report. When you receive an area information message, the message automatically appears in the display. When you dismiss the message it is stored in the ***Area Info*** Inbox until it is written over by a new message received on the same channel. Please consult your service provider for more information about availability of Area information services and area information channel numbering.

To add an area information channel:

1. In Control panel, tap ***Connections > Messaging accounts > CBS***.
2. Check ***Area information*** check box.

3. Tap ***New***.
4. Enter the desired ***Channel number*** and check the ***Subscription active*** check box.
5. Tap ***Done***.

To remove an area information channel:

1. In Control panel, tap ***Connections > Messaging accounts > CBS***.
2. Tap the channel to be deleted.
3. Tap ***Delete*** and confirm the removal by tapping on ***Yes*** in the subsequent dialogue. Any messages belonging to that channel will also be deleted.

Get and Send

To get and send messages for one specific account:

1. Select ✉ ***Messages***.
2. Select the desired account (SMS, MMS or e-mail for example).
3. Tap ***Get&send.***

To get and send messages for all you accounts:

1. Select ✉ ***Messages***.
2. Tap ***Message > Get&send.*** Any unsent messages in your ***Outbox*** will now be sent and new messages not yet downloaded will be downloaded to your smartphone.

Connecting and disconnecting from the Internet

To disconnect from the Internet:

1. Tap the connection type (HSCSD/CSD ☎ or GPRS ◎) in the status bar.
2. The dialogue "***Do you want to disconnect, Yes/No***" appears.
3. Tap ***Yes***.

Finding Messages

In both the list of accounts and list of messages, ***Find*** searches through the subject lines, senders' details and dates.

In an open message, Find searches through the text of the message an highlight the text it finds.

You can only search through e-mails that have fully downloaded.

Saving contact details

When you receive a message, you can save the contact details of the person who sent you the message.

To save the sender's details:

1. In the message tap ***From***.

Note *If you save an address from an e-mail synchronised from your company PC, the corporate version of the address rather than the full Internet e-mail address, is saved to Contacts. If the corporate version of the address is not an Internet address (an X.400 address, or just the senders name, for example), you can use it to send e-mails from your synchronised account, but you cannot use it in e-mails that you send directly from your smartphone.*

If your service provider or network is unavailable

Sometimes a message cannot be sent because your smartphone cannot connect to a network. Please check that the Messaging Account and Internet Account information in the Control panel is correct.

If you have both GPRS and dial-up Internet accounts, try sending the e-mail using an account of the other type. This works when only the GPRS or the GSM network is available (but not both), because the two account types use different networks. GPRS Internet accounts use the GPRS network and dial-up Internet account use the GSM network.

If your e-mail service provider is unavailable and you have access to another account you can copy and paste the text from the unsent e-mail in ***Outbox*** into a new one created with the other account and send it.

You can cancel sending an e-mail. The message will remain in ***Outbox*** and you can send it later.

Internet

You use the browser to:

- Connect to the Internet to view and access Web- and WAP-pages.
- View HTML and WML e-mail attachments.
- Receive and view Push messages from your WAP service provider.
- Download Java applications, images and audio.

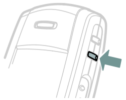
The browser can open web pages that does not use Java script or frames.

You can save bookmarks to viewed pages, to be able to access them easily. You can also save pages in the smartphone for off-line viewing.

The browser uses folders for categorizing the information. The folders used are bookmarks, saved pages, signed documents, and Push messages.

Before you can use Internet, you need to set up an Internet account in the Control panel. If you intend to use certain WAP services it might be necessary to set up a WAP account in the Control panel as well.

To start the browser



- Start the browser by:
  - – pressing the browser key (the home page is shown).
  - – selecting the Internet icon in the application picker (the start page is shown).
  - – selecting the Internet icon in the application launcher (the start page is shown).
  - – selecting a URL in another application.

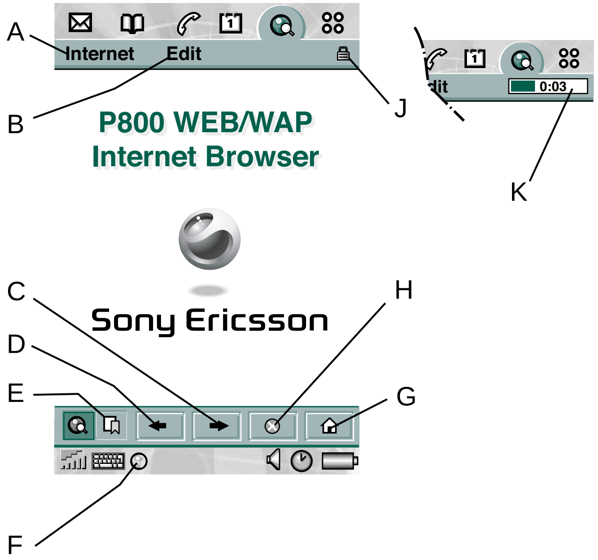
Note *If required, you have to enter your ID and password to log in to your internet account.*

The application has two views:

Browser view	The base view of the application, where you can view Web and WAP pages.
Bookmarks view	A list view where you can save short-cuts: • to Web and WAP sites on the Internet • to locally stored pages • to received WAP Push messages • to documents digitally signed by the user.

Browser view

Screen


A
Internet
Edit
B
J
P800 WEB/WAP
Internet Browser
0:03
K
Sony Ericsson
C
D
E
H
G
F

A Internet menu.

B Edit menu.

C Select to change to the next page.

D Select to change to the previous page.

E Select to see the bookmarks view.

F Select to close the browser.

G Progress bar, shows the loading progress.

H Shows that a secure connection is established.

J Select to stop loading the page.

K Select to go to the home page.

Menus

Menus	Option	Description
Internet	Open page	Enter the URL, or select from the drop down list.
	Add to bookmarks	Enter the name of the bookmark and select the folder to save it in.
	Save page	Enter the name of the page and select the folder to save it in.
	Send as	Send the current URL as SMS, IR or Bluetooth.
	Find	Enter a text and search for the text in the page.
	Find next	Search for the next occurrence of the search string.
	Reload page	Reload the page.
	Load all images	Load all images of the page.
	Page information	Show the page information. See description below.
Edit	Cut	Cut out the marked information from an input field.
	Copy	Copy the marked information.
	Copy all	Copy the all information on the page.
	Paste	Paste the copied text into the selected field.
	Zoom	Set zoom level.
	Preferences	Set the preferences of the browser. See description below.
	Help	Open the help program.

Context sensitive menus

The context sensitive menu is opened when you keep the stylus pressed on a link or an image.

Link/image	Option	Description
Text link and image link	Open link	Open the active link.
	Link information	Show information on the link.
	Add to bookmarks	Add the active link URL to the bookmark list.
Loaded image (with or without link)	Save image	Save the image in the smartphone.
	View image	View the image adopted to the screen (enlarged or reduced).
	Copy image	Copy the image to the clipboard.
	Send image as	Send the image as SMS, IR or Bluetooth.
Not loaded image (with or without link)	Load image	Load the image.

Link/image	Option	Description
Voice call link	Call	Place a call according to the link.
	New SMS	Send an SMS according to the link.
	New MMS	Send an MMS according to the link.
	New contact	Create a contact with the link information.
Mailto link	New e-mail	Send an e-mail according to the link.
	New MMS	Place an MMS according to the link.
	New contact	Create a contact with the link information.

Icons within a page

🖼 🖼 Image not loaded (can be loaded manually).

☒ ☒ Broken image (not possible to load).

To open a specific web page

1. Select ***Internet > Open page.***
2. Enter the page URL or select a previously viewed page from the drop down list.
3. Select ***Open.***

Note *If images are not loaded, select the image icons* 🖼 🖼 *or select* ***Internet > Load all images.***

To navigate through recently opened pages

1. Select ← to move back to previously viewed pages.
2. Select → to move forward again

To save a page for off-line browsing

1. Select ***Internet > Save page***.
2. Change the page name, if required, and select a folder to save it in.
3. Select ***Done.***

To create a bookmark to the open page

1. Select ***Internet > Add to bookmarks.***
2. Change the bookmark name, if required, and select a folder to save it in.
3. Select ***Done.***

To download and upload files

- When you select a link to a downloadable file, information on the file is displayed.
  Select ***Yes*** to start the download.
- When you select a link for uploading a file, a form for submitting the file is displayed.
  Select the file and select ***Yes*** to start the upload.

To view information on the open page

1. Select ***Internet > Page information*.**
2. Select the ***Content*** tab to view the page information.
3. Select the ***Connection*** tab to view information on the connection.
4. Select the Certificates button to view the information on:
   - Server
   - User

To disconnect the connection

1. Select the connection icon in the status bar.
2. Select ***Disconnect.***
3. Select ***Yes.***

WIM Access

When the Browser requires access to the WIM card, for example when establishing a secure connection, you have to enter the correct PIN.

Signing Documents

You have to enter the signing PIN each time a signing operation shall be performed.

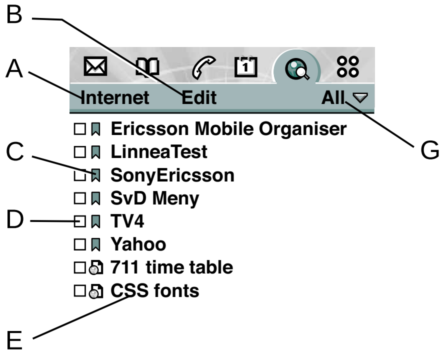
User authentication request

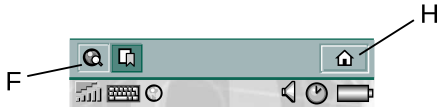
Whenever a user authentication is requested, you have the possibility either to select a certificate and confirm the user authentication, to select to continue anonymous or to cancel the connection.

If ***Always connect anonymous*** has been set, the browser will instead automatically try to connect anonymous.

Bookmark view

Screen


B
A
Internet
Edit
All
☐ Ericsson Mobile Organiser
☐ LinneaTest
C
☐ SonyEricsson
☐ SvD Meny
D
☐ TV4
☐ Yahoo
☐ 711 time table
☐ CSS fonts
G
E



A Internet menu.

B View menu.

C Select an icon to view information on the bookmark.

D Select checkboxes to delete several bookmarks.

E Select the bookmark text to view the page.

F Select to see the browser view.

G Folder menu.

H Select to go to the home page.

Menus

Menus	Option	Description
Internet	Open page	Enter the URL, or select from the drop down list.
	New bookmark	Enter the URL, the name of the bookmark and select the folder to save it in.
	Edit	Edit the selected bookmark.
	Delete	Remove the selected bookmark.
View	Sort by date/ name	Change the sorting order of the bookmark list.
	Zoom	Set zoom level.
	Preferences	Set the preferences of the browser.
	Help	Open the help program.
Folders	All	Show all contacts in the list.
	Bookmarks	Show all bokkmarks.
	Saved pages	Show all saved pages.
	Unfiled	Show the bookmarks that is not in a folder.
	Edit folders	Categorize your contacts in folders (business, personal etc.).

Icons

🔖 Bookmark

📄 Saved page

✉ Push message from the WAP service provider

🔒 Signed document

To open a bookmark

- Select the bookmark text.

  The bookmarked item is opened.

To view bookmark information

- Select the bookmark icon.

  Information on the bookmark is shown. From the information screen you can:

  - Edit the bookmark.
  - Delete the bookmark.
  - Send the bookmark as e-mail, SMS, Bluetooth, IR, or MMS.

To delete several bookmarks

1. Select the check box of the bookmarks to delete.
2. Select ***Internet > Delete.***
3. Select ***Yes*** to confirm.

WAP and OTA provisioning messages

WAP Provisioning and OTA messages are received by the browser application and stored within the messaging store. These messages are then accessed and managed by the appropriate messaging account. When the user taps on a provisioning or OTA message, dialogues are shown to aid the provisioning process.

Settings

You must set-up the account for the application to work. Refer to the Control panel section for more information. The browser is initially set-up to work. However, you can change these settings, if required.

The easiest way to set up Internet and WAP accounts is to ask your internet service provider to send you an auto setup message containing the required setup information. The accounts will then be set up automatically on your smartphone. To guarantee the integrity of the settings, a PIN may be used.

For security reasons, some WAP pages and services, e.g. on-line banking, can only be accessed from a particular WAP account. Refer to the Control panel section for more information.

Note *Proxy settings for MMS and for a WAP gateway should be set in the WAP account. Other proxy settings should be set in the Internet account.*

To set up the browser

1. Select ***Edit > Preferences.***
2. Perform the set-up according to the following:

Basic settings

- Enter the URL for the page to be shown when the browser is started from the application picker; either a page in the smartphone or a page on the internet.
- Select WAP account to be used when the home page is loaded. The accounts are set-up in the control panel.
- Select if images should be loaded. If images are not loaded, the page is loaded faster. Not loaded images can be loaded manually when viewing the page.
- Select if sounds should be played when the page is opened.
- Select if animations should be played when the page is opened.

Security settings

- Select if you want to save signed documents.
- Select if you want to connect without giving away your identity.
- Select if you want to connect using the WIM card.
- Select if you want to allow cookies.

Advanced settings

- Select if you want to be able to receive messages from your WAP service provider.
- Select if you want to automatically open the URL in WAP Push messages.
- Select if you want to remove messages out-of date automatically.
- Set the size of memory where viewed pages are stored. Stored pages will load faster when you visit them again.
- Select ***Clear memory*** to empty the list of pages visited.
- Select ***Clear cache*** to empty the cache memory.

Calendar

Sources (this section will be removed)

The following documents and resources have been used when writing this chapter.

- Functional Specification - Calendar 11/155 17-CRH 162 02 Uen Rev B
- White Paper LZT 123 943 R1A

Calendar function helps you to keep track of appointments and events, and you can also set reminder alarms for the entries.

You should delete old entries regulary to release memory in the smartphone.

There are three types of entries in calendar:

- Appointments - An entry with start and end time (for example a meeting).
- Reminders - An entry that does not need a specified time (for example a birthday) However, you can specify a time if you, for example, want to set an alarm. If you do not specify a time, the reminder appears when the day begins. A reminder is denoted with a ⚑.
- All day events - An entry with start and end dates but no specific times. Use All day event for an entry that lasts a whole day or several days, (for example conferences). An appointement can overlap an All day event (for example a lunch during a conference).

Different views

You can see your Calendar entries in three views:

- Day
- Week
- Month

To change view

- Tap to display the day view. **Dayikonen ska in**
- Tap to display the week view.
- Tap to display the month view.
- The

Using the calendar

To create a new calendar entry

1. Select ***Calendar > New*** and enter a short description of the entry. This is the description you see in the calendar.
2. Tap ***Unfiled*** (the folder menu) in the menu bar and select a folder to store the entry in.
3. Continue to enter information to the items on the detail page.
   - ***Type*** - Specify if the entry is an appointment, reminder or all day event.
   - ***Date*** - Tap the date to get a calendar where you can set a date for the entry.
   - ***Time*** - Set start and end time for the entry.
   - ***Location*** - Specify a location or select an location you have used before.
   - ***Alarm*** - Select the check box if you want your telephone to alert you about the entry with a sound. Tap the time and date that appears to do your settings.
   - ***Repeat*** - Specify if you want to repeat the entry or not. Read more about this below.
   - ***Private*** - Select the check box to prevent the task from being viewed by others then yourself if you synchronize your calender with, for example, your PC. ***Kollas***
4. Select the note page tab to write a note to this entry.
5. Tap to save and close the entry.

To repeat reoccuring entries

1. When entry is open, tap ***Repeat***.
   - Set repeting to ***Daily***, ***Weekly***, ***Monthly by date***, ***Monthly by day***, ***Yearly by day*** or ***Yearly by date***.
   - ***Interval*** - Specify how often the event will happen, for example, by selecting ***Weekly*** and ***Interval 2*** means that the event will go off every two weeks on the specified day.
   - ***Forever/Until*** - Set the time limit for the alarm or select forever.
   - ***Select days*** - Weekly repeted vents can be set to occur twice or more in a week. For example, eating lunch with a friend Tuesday and Friday every week.

Note *You can not repeat All day events.*

To edit an entry

1. Open the entry by taping it in the calandar.
2. Do the changes according to the instructions above.

Managing entries

To find a certain entry

1. Tap ***Calendar* > *Find***.
2. Enter a search word in the menu that appears.
3. Select where to search (***Everywhere, Future, Past***)
4. Tap ***Find***. A result list is then displayed.
5. Tap an entry on the result list to open it.

To delete an entry

- Open the entry and select ***Calendar* > *Delete entry***.

Note *A deleted entry can not be restored.*

To delete all entries in a period of time

1. Select ***Calendar* > *Remove entries***.
2. Select the time period and tap ***Done***. All entries from that time period are deleted from the Calendar.

Note *Repeated entries will not be deleted*

Editorial Comment:

To copy, cut or paste an entry

1. Open the entry
2. Tap ***Edit* > *Copy/Cut/Paste entry.***

To move a Calendar item to Tasks

- Open the entry and tap ***Calendar* > *Move to Tasks***.

The entry is moved, not copied.

If you move an entry with an alarm, it will also sound in Tasks.

Note *Some information such as wich folder it is stored in may be lost.*

To cut or copy Calendar entries to the Tasks application

1. Open the entry and select ***Edit* > *Cut entry*** or ***Copy entry***
2. Open Tasks.
3. Select ***Edit* > *Paste entry***

Customize the calendar

You can customize the calendar views and alarm settings to suit you own needs.

To customise the calendar view, General tab

1. Select ***Edit* > *Preferences***
2. Select the ***General*** tab

Now you can change the following settings:

- The hours to be shown in a day.
- Standard time intervals in the day view. How detailed the time is showed in the calendar day view.
- Standard entry length.
- View hours in week from/to.

To customise the Alarm settings

1. Select ***Edit > Preferences***
2. Select the ***Alarm*** tab

Now you can change the following settings:

- ***Alarm precedes event by*** - how long before an entry the alarm shall go off.
- ***Alarm sound*** - select sound for the alarm.

To customise the display

1. In calendar, tap ***Edit > Preferences***
2. On the ***General*** tab you change the hours displayed in one day, one week, standard time intervals or standard entry length.
3. On the ***Alarm*** tab you set the an alarm to proceed an entry in the calendar.

To set colours to your entries using the folders

1. In Calendar, tap the folders menu to the right in the meny bar and select ***Edit folders.***
2. Select a folder and tap ***Edit*** or create a new folder by tapping ***Add***.
3. Tap the colour box and select colour for that folder and tap ***Done***.

Entries in a folder with a specific colour appear in that colour in Day and Week views (but not in Month view) so that you can see tha pattern of events in your diary. Reminders appear as ⚑ whatever the folder colour.

Saving changes

If you leave Calendar while editing an entry, your changes are saved automatically.

Tasks

Sources (this section will be removed)

The following documents and resources have been used when writing this chapter.

- *QT - Applications 6.2 UI Specification*
- White Paper LZT 123 943 R1A

With the Tasks function you can make a list of things you need to do both at work (for example, action items) and elsewhere (for example, a reminder to air your dog). The folders help you to separate different types of activities.

You can move entries between Tasks and the Calendar, which is useful when you come to schedule a Tasks entry. You can also send an entry through SMS, IR, Bluetooth or MMS. ***e-mail?***

Using Tasks

When opening Tasks you will have a task list of entered tasks. In this list you can only see a short description of the task. Tap a task to see its full information.

A task entry consists of two pages. One detail page where you set the properties for the task, and one page where you can add notes.

To create a new task entry

1. Select ***Tasks* > *New*** and enter a short description of the task. This is the description you see in the task list.
2. Tap ***Unfiled*** (the folder menu) in the menu bar and select a folder to store the task in.
3. Continue to enter information to the items on the detail page.
   – ***Completed*** - Select the check box when task is done.This can also be done directly in the tasks list.
   – ***Priority*** - Set a priority for the task. You can sort the tasks by priority.
   – ***Due date*** - Select the check box to set a deadline to the task. Tap the date that appears to get a calendar where you can set a due date.
   – ***Alarm*** - Select the check box if you want your telephone to alert you about the task. Tap the time and date that appears to do your settings.
   – ***Private*** - Select the check box to prevent the task from being synchronized with the task in other devices, for example your PC. ***Kollas***
4. Select the note page tab to write a note to this entry.
5. Tap ****Ikon enter**** to save and close the task.

Note ***Delete*** *will delete the whole task entry.*

To edit an entry

1. Open the entry by tapping it in the tasks list.
2. Do the changes according to the instructions above.

Managing task entries

To open an existing entry

- Tap the entry in the tasks list

To mark an entry as completed

- Select the check box to the left of the entry in the tasks list.

To sort the entries

- Tap ***Edit > Sort on priority*** or ***Sort on date***.

To find a certain entry

1. Tap ***Tasks > Find***.
2. Enter a search word in the menu that appears.
3. Select in which folder to search or use default value ***All folders***.
4. Tap ***Find***. A result list is then displayed.
5. Tap an entry on the result list to open it.

To delete an entry

- Open the entry in the task list and then select ***Delete***.

To restore a deleted entry

- ***Tap Edit > Undo delete.***

To delete all completed entries

- In your task list, tap ***Tasks > Delete completed***.

Note *Unlike individual entries; when you delete All Completed entries, they are removed permanently and can not be restored.*

Sending and moving task entries

To send an entry to another device

1. Open the entry and select ***Tasks > Send as***.
2. Select how to send entry (SMS, Infrared, Bluetooth or MMS) and then tap ***Done***.

To copy, cut or paste an entry

- Tap ***Edit > Copy/Cut/Paste entry.***

To move an entry to the Calendar

- Open the entry and select ***Tasks > Move to Calendar.*** The entry is moved, not copied.

To copy a task entry to Calendar

1. Open the entry and select ***Edit > Copy entry***.
2. Open Calendar.

3. Tap the day you wish the task to appear.
4. Select ***Edit > Paste Entry*** in Calendar.

Note *If you move or copy an entry to the Calendar it will lose the priority it was assigned in Tasks.*

If you do not set a due date for the tasks entry, the current date is used for the new Calendar entry. If you move or copy an entry with an alarm, the alarm will also be moved to the Calendar.

Settings

- Select ***Edit > Preferences*** to do the settings. The following settings are available.
  - **Display due dates** - Select to display them in the tasks list or not
  - **Display completed** - Select to display them or not in the tasks list. This will *not* delete the completed tasks.
  - **Alarm sound** - Select an alarm sound for the tasks.

Jotter

The Jotter works as a note book where you can write notes and draw pictures. The folders help you to separate different types of notes.

A Jotter entry consists of two pages. One text page and one drawing page.

When opening Jotter you will see a list of entered notes. In this list you can only see the first words of the text note. Tap a note to see its full information.

Writing text notes

Open Jotter and choose ***Jotter >New***.

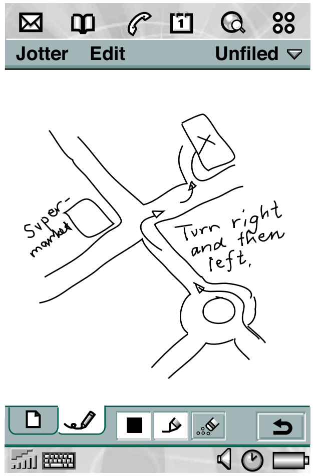
The new note will automatically start as a text note.

Note *You write text notes on the text page by using the keys or the handwriting recognition. See Chapter Getting started to get more information.*

Tap **A** to get bold text and ● to create a bullet list.

Drawing pictures

The drawing mode gives you several options to draw in different styles or colors. The main window is the “paper” where you may draw with your stylus in the same way as you draw with an ordinary pen.



Tap ■ to change color. A color scheme will be displayed. Tap again on the color you prefer.

Tap ✎ to change the virtual nib. A list of nibs representing different pen widths appears. Tap on the nib you want to use.

Tap ⌫ to activate the eraser. The eraser is either on or off. It works as the pen and erases with the same size as the chosen nib. Tap the eraser again to re-activate the pen.

All jotter files (both text and drawings) are automatically stored in the telephone. The list view will be presented to you as soon as you start the Jotter application.

Creating and editing notes

To create a new note

1. Tap ***Jotter > New*** and enter a note on the text page.
   The first words will name the note in the jotter list.
2. Tap ***Unfiled*** (the folder menu) in the menu bar and select a folder to store the jotter in.
3. Select the drawing page tab to draw a sketch to this note.
4. Tap ****Ikon enter**** to save and close the note.

To edit a note while working with it

- For text, tap ***Edit > Revert***
  The text returns to its original state. All changes are lost.
- For sketches, tap ***Edit > Undo***
  This choice removes your last pen stroke. If you change your mind, tap ***Edit > Redo***.

To create a new note from text or sketches copied from another application

1. Open the list of notes and tap ***Edit > Paste***.

Note *If you paste a sketch over an existing sketch, the existing sketch is deleted.*

Create a note from the Flip Closed mode.

1. Choose ***Applications >Jotter*** from the Flip closed mode.
2. If you have previos notes stored, these will now be listed. Use the Jog Dial to select a previous note in order to open it.
3. Press the menu key if you want to create a new note. Chose New. Insert your text by using the keypad.

Managing notes

To delete a note

1. Tap the note in the notes list
   The note opens.

2. Select ***Jotter > Delete note***.

Sending a note

You can send a Jotter note by e-mail, SMS, MMS, Infrared or Bluetooth.

To send a note

- Open the note and tap ***Jotter > Send as***.
  The note will be sent as text and/or with the image depending on message type:
  - SMS: Text only
  - E-mail: Text as body and Image as an attachment.
  - MMS: Text and Image on first slide
  - Bluetooth, Infrared: Complete Jotter entry , text only or image only

Games

There are two pre-installed games in the smartphone. A traditional Chess and the card game Solitaire. You will find both games in the Flip open modes list view.

There is more games available for the smartphone. You will find these games on a disc in your original smartphone box.

Games from third parties developers might be installed in the smartphone. Games which are not certified by Sony-Ericsson or their partners are not guaranteed to work correctly or securely, and users install them at their own risk.

Chess

You can play Chess against the the smartphone or against another smartphone user. In the latter mode, Chess communicates with another player via SMS.

On completion of a move, the move data is transmitted in an SMS form to the other player. After transmission, the game waits for an incoming SMS from your opponent and uses its contents to determine the next move on the board, at which point control reverts to you.

Configuration

There are levels from amateur to advanced. Choosing a higher level may however force the Smartphone to take longer to select a move. If you end up winning all the games, it may be time to select a more difficult level.

Switching to Flip closed mode closes the game temporarily and saves the session status. In multi-player mode, an end-game SMS is sent to the remote player.

Choose level

1. Select ***Chess> Level***.
2. Tap on a level you think may suit your capacity.
3. Tap ***OK***,

Play Chess

When you have set up a new game, a chessboard will be displayed. On the board are the 32 chess.

1. Tap the piece you want to move.
   The square where it is standing will now be highlighted.
2. Tap the square to where you want to move the piece.
   The square will flash and the selected piece will arrive on it.

Selecting a square that is not allowed for a piece is not possible.

Solitaire

Solitaire is a card game played with a standard deck of 52 cards plus up to 4 Jokers.

Understand the game

The purpose of Solitaire is to remove all the cards from the piles to the layout card whilst scoring as many points as possible.

Points are awarded for playing pile cards and bonus points are awarded for unbroken, ascending or descending runs of four or more rank cards.

When you can not play any more card and cards still remains in the piles, the game is over. If all the pile cards are removed, bonus points are awarded and the hand is won. You are then challenged to play a game of Hi/Lo-card nature to acquire more bonus points. After the challenge, the game continues and a new hand is dealt with one less Joker.

Rules

When the game starts, 35 cards are dealt from the deck into 7 piles of 5 cards. A further card is then dealt face up to from the layout card.

- Cards can only be played from the bottom of the piles.
- To play a pile card it must have a face value of one or more or one less than the layout card.
- Aces are low and may not be played onto Kings. Jokers can be played onto any card and any card can be played onto a Joker.

Settings

- You may restart the game during a play.

1. Tap ***Solitaire >New.***

- You may also undo/redo a move.

1. Tap ***Edit >Undo/Redo.***

- You may change card backs and playing background

1. Tap ***Edit >Preferences.***

If your result is one of the sixth best it will be placed in the high score table. You can also watch individual player statistics.

Play Solitaire

Solitaire is only available in the Flip open mode.

1. Tap the icon for Solitaire.
The game will either start with a new game or with the layout for an earlier, interrupted game.(The game data is saved on return to desktop, on flip-close or on low battery.)
2. Tap the card you want to move and it will be higlighted.
3. Tap the card where you like to move the higlighted card.

Voice memo

Sources (this section will be removed)

The following documents and resources have been used when writing this chapter.

- QUARTZ FC Voice UI Specification Rev5.03 2001-12-17
- QUARTZ Applications 6.2 UI Specification Rev9 2001-10-01

In ***Voice memo*** you can record and listen to your own voice memos. You can also exchange voice memos between phones via Bluetooth wireless technology, infrared communication, e-mail or MMS, and use a voice memo as a ring signal.

You cannot name a voice memo that you have recorded. Each memo is identified by the date and time it was recorded and by its position in the list of voice memos. For example, the third of five voice memos is identified as ***3 of 5*** on the screen.

Recording voice memos

You can record and listen to your own voice memos, as well as save and listen to voice memos that others have sent to you.

You can add a new recording to the end of an existing voice memo. When you do this, the position of the voice memo in the list does not change and the original date and time of the recording are retained.

To record and save a voice memo

1. Select ⊞ > 💬 > ***New***.
   A new voice memo is created.
2. Select ○ and start recording after the beep.
3. Select ■ to finish the recording.
   The new voice memo is automatically saved in the list of voice memos with the current date and time.

Note *You can use all other functions in your smartphone at the same time as you are recording or listening to a voice memo.*

Key functions

Tap...	*To...*
○	start recording a voice memo.
▶	listen to the current voice memo recording.
■	stop the current voice memo recording.
←	go to the previous voice memo, in the list of voice memos.
→	go to the next voice memo, in the list of voice memos.

To delete a voice memo

1. Select a voice memo you want to delete.

2. Select ***Delete* > *Yes***.

Using voice memos as ring signals

You can set a voice memo as a ring signal. Choose between a recording you have made yourself, and a recording you may have received via e-mail or in a mulitmedia message.

- To set a voice memo as ring signal see cross ref to the *Telephony* chapter.

Exchanging voice memos

You can send and receive voice memos by Bluetooth wireless technology, infrared communication, e-mail or MMS.

To send a voice memo

1. Select **Voice Memo** > ***Send as***.
2. Select how you want to send the voice memo.
   See the *Messaging* chapter for further details on how to send and receive voice memos.

CommuniCam

Sources (this section will be removed)

The following documents and resources have been used when writing this chapter.

- Linnea prototype with CeBit SW.
- Users manual Ericsson R380 and T68
- FS Multimedia, 16/155 17-CRH 162 02 Uen, Rev A.
- Packet Video CommuniCam HIS
- Packet Video Pictures HIS

Editorial Comment:*Beskrivning av både CommuniCam och Pictures-funktionen.*

Using the camera

With the built in camera CommuniCam you can take pictures, view them in your phone screen and send them to friends or colleagues via multimedia messaging. You can also send the pictures you have saved in your smartphone to any other PC device via infrared communication or Bluetooth wireless technology. It is also possible to exchange pictures between the smartphone and the Web.

The pictures in your smartphone can be set as screen savers or they can be added to the contacts in your phonebook (see “reference to Personalizing your smartphone”).

To take a picture

1. Press the camera button to activate the CommuniCam application.
2. Make sure you can see the subject in the display, then press the camera button again.
   The pictures are automatically saved in ***Pictures***.

To send the picture via MMS, select ***Send as MMS*** from the Flip closed context menu.

To view, edit or send the picture, tap ▣ which takes you directly to ***Pictures***.

Delay timer

You can take a picture with a 15-second delay before the actual picture is taken. This is a useful function if you want to be in the picture yourself.

To take a picture with delay timer

1. Select ⠛ **>** ▣.
2. Tap ⏲ ***Off***. The icon changes into ⏲ ***15s***.

3. Press the camera button. The timer beeps for 15 seconds before the picture is taken.

Preferences

It can be useful to change the preferences for the camera, for example, if you are taking a picture in daylight or in dark surroundings. You can also choose what resolution (size and quality) you want for each separate picture.

To change preferences for the camera

1. Select ⠿ > 📷.
2. Select ***CommuniCam* > *Preferences***.
3. Select the setting you want to change:

☼	Move the slider to change the brightness of the picture.
◐	Move the slider to change the contrast colour.
💡	Turn the backlight On when the light behind the subject is brighter than the light in front of the subject.
≋	Turn the flicker free function On to reduce the effects of flicker from, for example, fluorescent light.
⛅	Choose white balance according to the lighting conditions you are in when taking the picture.
⧉	Choose quality and size for the picture. High picture quality means larger file size and larger memory size than low picture quality. The picture sizes are displayed in pixels.

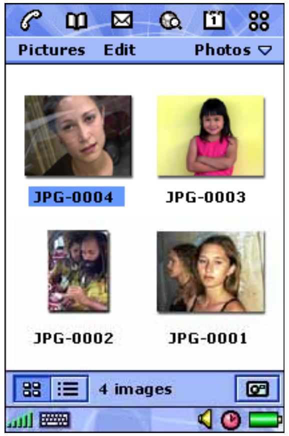
To restore default camera preferences

1. Select ***CommuniCam* > *Restore defaults***.
2. Select ***Yes***.

Pictures

In Pictures you can manage all pictures saved in your smartphone. The pictures can be taken using the CommuniCam, received via e-mail, Bluetooth wireless technology or infrared communication, downloaded via the browser or transferred from your PC via a cable. Your smartphone supports JPEG, GIF, PNG, WBPM and BMP picture formats. The pictures can be sent in multimedia messages, added to the contacts in your phonebook, or used as wallpaper and screensaver.

List view



In the list view, you get an overview of all the pictures in your smartphone. You can search for specific pictures, zoom the picture names and sort your pictures by name, date, size or type.

Change between a thumbnail view and a list view of the pictures by tapping ⊞ and ☰.

At the bottom of the screen you can see how many pictures you have saved in your smartphone.

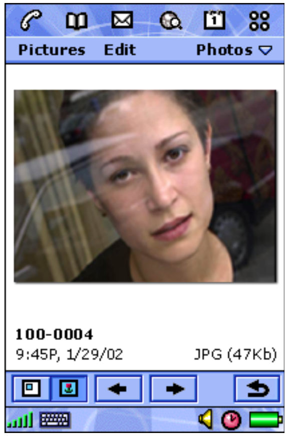
Tip *To take a new picture, tap* 📷 *which takes you directly to the* ***CommuniCam****.*

Tip *Use the* ***Find*** *function to locate a certain picture, and the* ***Zoom*** *function to change the size of the screen fonts.*

To sort the pictures

- Select ***Edit >*** choose how you want to sort the pictures in your folders.

Detail view



100-0004
9:45P, 1/29/02 JPG (47Kb)

In the detail view, you can rename your pictures and sort them into folders. This makes it easier for you to keep track of the pictures in your smartphone.

To rename a picture

1. Select ***Pictures > Rename picture***.
2. Enter a picture name ***> Done***.
   Two or more pictures can not have the same name.

Tip *Use the* ***Folder*** *function to organize all your pictures. See cross ref to General functions on page 18.*

At the bottom of the screen you can see the picture information, for example, the size of the picture and the date the picture was taken.

To change between the actual size of the picture and a size that fits on the screen, tap ▣ and ▨.

Use ← and → to move between the pictures in the current folder. ↩ takes you back to the list view.

Sending and receiving pictures

You can send pictures to other phones or to a PC via multimedia messaging. You can also save pictures that you have received via e-mail and in multimedia messages.

To send a picture

- Select ***Pictures > Send as***.
  See *Messaging* for further details.

To save a picture from a message

- See *Messaging* for details.

To delete a picture

1. Select ***Pictures > Delete picture***.
2. Select ***Yes***.

If you want to use one of your pictures in another application you can simply copy it and then paste it into the application of your choice.

To copy a picture

- Select ***Edit > Copy picture***. A copy of the picture is saved in Pictures.

Sony Image Station

You can exchange pictures between your smartphone and Sony Image Station on the Web. Use the browser in your smartphone to go to http://www.imagestation.com/ and sign up.

Audio player

Sources (this section will be removed)

The following documents and resources have been used when writing this chapter.

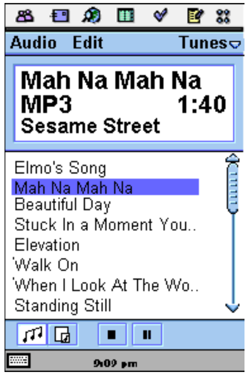
- Linnéa UI Design specification - Composer RevA 2001-12-18
- Packet Video Audio Player HIS, Version 1.1, 2002-04-11
- Linnéa PRS Rev D

Your smartphone has Mobile music in the form of an audio player. With the audio player you can listen to the latest music tracks, or complete albums. You can download tracks to your smartphone from a PC or the Internet, and create different play lists, using the folder function. Your smartphone supports a number of different sound files. Cross ref See Technical Specifications on page XX.

List view

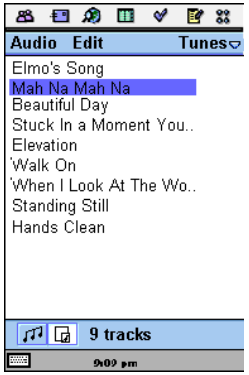
In the list view, you can decide what types of sound files to include in your different play lists, and how to play back the current play list you are currently in. You can also easily move between the play list view and the file list view for the current folder.

Play list viewFile list view



Mah Na Mah Na
MP3 1:40
Sesame Street

Elmo's Song
Mah Na Mah Na
Beautiful Day
Stuck In a Moment You..
Elevation
Walk On
When I Look At The Wo..
Standing Still



Elmo's Song
Mah Na Mah Na
Beautiful Day
Stuck In a Moment You..
Elevation
Walk On
When I Look At The Wo..
Standing Still
Hands Clean

9 tracks

In the play list view you play, pause and stop the play-back of the current folder, and see the duration of the track. In the file list view you can see how many tracks you have in the current folder.

Icon	*Function*
■	Stop the track that is playing.
▶ ‖	Play/Pause the highlighted track.
♫	Takes you directly to the Play list view.

Icon	*Function*
☰	Takes you directly to the File list view.
Speak	Shows what track that is playing.

Loop

With the loop function you can decide if you want to listen to the tracks in the current folder only once, or if you want to loop them until you manually stop the play-back.

To loop a play list

1. Select ***Audio* > *Loop***.
2. Select the checkbox.

Preferences

You can choose if you want all types of sound files to be displayed and played in the play lists, or if you want to display and play only a certain type of sound file. The sound files you can choose from are the ones that are supported by the smartphone.

To select sound file types for the play lists

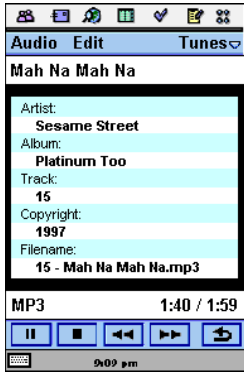
1. Select ***Edit* > *Preferences***.
2. Check the boxes next to the sound files you want to include in the play lists **> *Done***.

To adjust the volume

- Move the Jog Dial up to increase the volume, and down to decrease the volume.

Detail view

In the detail view, you can move tracks between your different folders using the folder function, send tracks to other phones or to a PC, using e-mail, multimedia messaging, Bluetooth wireless technology, infrared communication or cable. Here it is also possible to rename and delete tracks saved in your smartphone.



Mah Na Mah Na

Artist:
Sesame Street
Album:
Platinum Too
Track:
15
Copyright:
1997
Filename:
15 - Mah Na Mah Na.mp3

MP3 1:40 / 1:59

The detail view displays the name of the track, the artist name, the album title, the track number, the copyright year, the sound file type and the duration of the track.

Note *The amount of information displayed depends on how much information is available on the sound file.*

Move between the tracks in the current folder using the ← and → buttons.

To rename a track

1. Select ***Audio > Rename track***.
2. Enter a track name ***> Done***.
   Two or more tracks can not have the same name.

To delete a track from the smartphone

1. Select ***Audio > Delete track***.
2. Select ***Yes***.

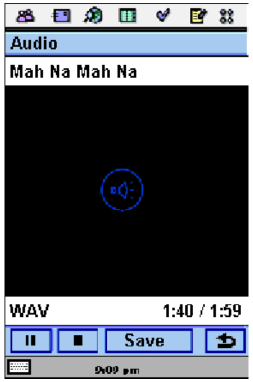
To send a track

- Select ***Audio > Send as***.
  See *Messaging* for further details.

Note *You can not send MP3, WAV or AU sound files in a multimedia message. Only AMR sound files can be sent using multimedia messaging.*

Downloading tracks

When you receive sound files in other applications, such as e-mail and multimedia messages you activate the viewer in your smartphone. From the viewer you can then save the sound file to your smartphone.



To save a track from another application

1. Select ***Audio > Save track***.
2. Select what folder you want to save the track in ***> Save***.

Note *To create your own melodies, see the information on the CD for your smartphone.*