# *Welcome*

This reference guide describes the many features in your phone.

**Infrared Data Port**

**Earpiece**

**Camera**

**Volume Keys**

**Menu Key**

**Left Soft Key**
Perform functions identified by left display prompt.

**Browser Key**
Opens Web page browser.

**Power/End Key**
Press & hold to power phone on & off. Press & release to end calls, exit menu system.

**Power Connector**
Insert charger.

**Right Soft Key**
Perform functions identified by right display prompt.

**Headset Jack**

**Camera Key**
Take pictures.

**Video Call Key**
Make video calls.

**Navigation Key**
Scroll through menus and lists, set feature values.

**Send Key**
Make and answer calls, view recent / dialled calls list.

**UICC or SIM Slot**
Insert Card

**Microphone**

Serial/USB Connector
Attach accessories.

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# *Menu Map*

## *Main Menu*

- 🎮 **Games & Apps**
- 🔧 **Tools**
  - 📇 SIM Apps
  - 🧮 Calculator
  - 📅 Datebook
  - 📄 Shortcuts
  - 📻 Dialling Services
    - • Barred Dial
    - • Fixed Dial
    - • Service Dial
    - • Quick Dial
  - 📱 Fast Menu
- 🔧 **Settings**
  (see next page)
- 📇 **Phonebook**
- ✉ **Messages**
- 📇 **Recent Calls**
- 🌐 **Web Access**
  - 🌐 Browser
  - 🔖 Web Shortcuts
  - 📑 Stored Pages
  - 🕐 History
  - 🌐 Goto URL
  - 🌐 Browser Setup
- 📷 **Camera**
- ▶ **Multimedia**
  - 🖼 Pictures
  - 🔊 Sounds
  - 🎬 Videos
  - 📹 Video Camera

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

| Shortcuts |
|---|
| Lock/unlock keypad: Press 〰 ＊ |
| Display my phone number: Press 〰 ＃ |
| Go to dialled calls list: Press 📞 |
| Exit menu system: Press 📞 |

See page 48 for more about Shortcuts

# *Settings Menu*

**Personalise**
Main Menu
Home Keys
Colour Style
Greeting
Banner
Banner Graphic
Wallpaper
Screen Saver
Quick Dial

**Ring Styles**

**Lights**
Call-Light ID
Notice Lights

**Connection**
IrDA Link
Active Call
Bluetooth Link
Sync
Incoming Call

**Call Divert**
Voice Calls
Fax Calls
Data Calls
Cancel All
Divert Status

**In-Call Setup**
In-Call Timer
Call Cost Setup
My Caller ID
Answer Options
Call Waiting
Msg Alert

**Initial Setup**
Time and Date
VideoGateway
1-Touch Dial
Auto Redial
Display Timeout
Backlight

Scroll
Animation
Vibe Sync
Language
Battery Save
DTMF
Master Reset
Master Clear

**Phone Status**
My Tel. Number
Active Line
Battery Meter
User Account
Storage Devices
Location
Other Information

**Headset**
Auto Answer
Ringer Options

**Car Settings**
Auto Answer
Auto Handsfree
Power Off Delay
Charger Time

**Network**
New Network
Network Setup
Available Networks
My Network List
Service Tone
Call Drop Tone

**Security**
Phone Lock
Lock Keypad
Lock Application
Fixed Dial
Restrict Calls
Call Barring
SIM PIN
SIM PIN2

Universal PIN
WIM PINs
New Passwords

**Java Settings**
Java System
Network Access
DNS IP

# *Contents*

# *Messages and Email*

Text, Email, Video, and MMS messages are brief messages that you can send and receive. Received messages appear on your display or in your message inbox.

You must set up the inbox *before* you can send and receive these messages. Contact your service provider for details. The total number of messages the inbox can hold depends on the length of the messages, and the number of other messages and drafts stored in your phone.

*Note: Your service provider may have already programmed the text message inbox settings for you.*

## *Setting Up the Message Inbox*

**Find the Feature**        `⌤` > Messages
                            `⌤` > *inbox to set up*

You can select Message Setup (for text messages), Email Msg Setup, Brwser Msg Setup, or Info Srvc Setup. See the following **Setup Options** tables.

**Message Setup Options**

| Setting | Description |
|---------|-------------|
| MMS Message Setup | change settings for Video Message and Multimedia messages<br>See the table following this. |

| Setting | Description |
|---------|-------------|
| Inbox View | select whether the inbox list shows message senders or subjects |
| Service Centre No. | enter the phone number for the service centre that handles your outgoing messages |
| Reply Type | scroll to the default type of replies you want to send |
| Cleanup | the period of time that your phone waits before it deletes a message |
| Email Gateway | enter the gateway number |

**MMS Msg Setup Options**

| Setting | Description |
|---------|-------------|
| Hide Fields | select which optional fields will not appear in your Message form |
| Autosignature | enter text to attach to the end of all of your messages |
| Download | choose to download new messages automatically, or to Defer (see page 18) |
| Unread Only (IMAP setting) | choose to receive only unread messages |
| Receive Date Range (IMAP setting) | choose to receive only messages that arrived on specified days |

| Setting | Description |
|---------|-------------|
| Filter | select phone numbers and email addresses from which messages will automatically be deleted |
| Expire After | enter the expiry period—the number of days your network tries to resend unreceived messages |
| Reply Type | select the default type of replies you want to send—Video Message or Multimedia |
| Size Limit | set the maximum allowable size of an incoming message |
| Server Info | display the selected MMS Server |

**Email Msg Setup Options**

| Setting | Description |
|---------|-------------|
| ISP Settings | select a GPRS or CSD Email connection, and change connection settings |
| Email Provider | select the provider name |
| | This changes Protocol, Host and Port settings (below) for sending and receiving Email |
| Protocol | select POP3 (stores Email on your phone) or IMAP (stores Email on the server) |

| Setting | Description |
| --- | --- |
| User ID | your login User ID to send and receive Email |
| Password | your login Password to send and receive Email |
| Sending Host | IP or DNS server address for sending Email (such as mail.test.com) |
| Sending Port | port number for the sending host |
| Receiving Host | IP or DNS server address for receiving Email (such as pop.test.com) |
| Receiving Port | port number for the receiving host |
| Return Address | the address where replies to your messages are sent (usually your Email address) |
| Name | name to appear on messages from you (such as Bob) |
| Cleanup | the period of time that your phone waits before it deletes a message |
| Save On Server | keeps copies of messages on the server (use a PC or other client to delete them on the server) |
| Email Notify | select whether your phone notifies you when you receive Email

This has no effect if you set Check New Msgs to No. |

| Setting | Description |
| --- | --- |
| **Check New Msgs** | select how often your phone checks for Email |
| | If you select **No**, you can only check for email using **Send/ Receive Mail** (see page 18) or by opening your Email Messages inbox. |
| **Hide Fields** | select message information that should not appear when you create an email message |
| **Auto Signature** | enter text to attach to the end of all of your messages |
| **Unread Only** (IMAP setting) | choose to receive only unread messages |
| **Receive Date Range** (IMAP setting) | choose to receive only messages that arrived on specified days |
| **Attachments** (IMAP setting) | select the attachment types you can receive |
| **Size Restriction** | set a size limit for Email messages |
| | Messages larger than the limit remain on the server. IMAP downloads all message headers. |

**Brwsr Msg Setup Options**

These are the settings for the Browser messages sent by your service provider:

| Setting | Description |
|---------|-------------|
| Expire After | enter the expiry period—the number of days your network tries to resend unreceived messages |
| Cleanup | the period of time that your phone waits before it deletes a message |
| Msg Notification | select whether your phone notifies you when you receive high priority and medium priority browser messages. |
| Service | select whether you want to receive all browser messages, only browser messages from one service centre, or no browser messages |

**Info Srvc Setup Options**

These are the settings for the Information Services messages sent by your service provider:

| Setting | Description |
|---------|-------------|
| Service | turn cell broadcasts on or off |
| Active Channels | edit the list of channels that send you messages |

| Setting | Description |
|---|---|
| Languages | change the languages in which you accept messages |
| | *Note: You cannot change* Lang1. *It is the language set in the* Initial Setup *menu.* |
| Cleanup | the period of time that your phone waits before it deletes a message |

## *Creating and Sending Messages*

*Note: Your message inbox must be set up before you can send and receive messages. See page 8.*

You can send a text message to one or more recipients. You can manually enter each recipient's phone number or email address, or select numbers/addresses from the phonebook or recent call lists. You can also send a message to a Mailing List containing multiple addresses (see page 23 to create a Mailing List).

There are four different types of messages: Text Message, Email, Video Message, and Multimedia. For a description of the items in each message type, see page 16.

**Shortcut:** While dialling (with digits visible in the display), you can press $\boxed{-}$ > Send Message to create a text message addressed to the number entered.

| **Find the Feature** | $\boxed{-}$ > Messages |
|---|---|
| | $\boxed{-}$ > Create Message |

| **Press** | **To** |
|---|---|
| 1 ⊙ | scroll to New Text Message, New Email, New Video Message, or New Multimedia |

| Press | | To |
|---|---|---|
| **2** | **SELECT** (⌐⏄) | select the type of message you want to send |
| **3** | keypad keys | complete the message contents (see the table after this procedure) |
| **4** | **DONE** (⌐·⏄) | finish the message |
| | | Your phone displays **Send Message Now?** |
| **5** | **YES** (⌐·⏄) | send the message |
| | **or** | |
| | **NO** (⌐⏄) | choose to **Send Later**, **Save to Drafts**, or **Discard Message** |
| | | **Send Later** stores the message in your **Outbox**, to send at a later time. |
| | | **Save to Drafts** stores the message in your **Drafts** folder, where you can edit it and send it at a later time. |

## Message Contents

*Note: You cannot send Email messages to phone numbers.*

| Item | Description |
|------|-------------|
| **To**<br>(all message types) | one or more phone numbers or email addresses where you want to send the message |
| | **Tip:** Remember to press and hold ⌫ to add a space between numbers that you enter manually. |
| | You can press **BROWSE** (⌐⎯⏌) to select one or more phone numbers or email addresses from the phonebook or recent calls lists |
| **CC**<br>(not for Text Messages) | phone numbers or email addresses where you want to send a carbon copy of the message |
| **BCC**<br>(not for Text Messages) | phone numbers or email addresses where you want to send a blind carbon copy of the message (nobody can see their address, and they cannot see the other addresses) |

| Item | Description |
|---|---|
| **Msg**<br>(all message types) | the text message you enter (to enter text, see your User Guide) or Multimedia you select |
| | To insert a picture or other object in Text, Email or Video messages, press: |
| | ⌐⎯⌐ > **Insert** > *object type* > *object* |
| **Subject**<br>(not for Text Messages) | the subject line of the message |
| **Priority**<br>(not for Text Messages) | the message priority |
| **Receipt**<br>(not for Text or Email Messages) | indicate if you want to receive a **Delivery Report** when the message arrives. |

## *Viewing Message Status*

Text messages that you send are stored in the outbox. To view the contents of your outbox:

**Find the Feature**　　　⌐⎯⌐ > **Messages** > **Outbox**

Messages are sorted from newest to oldest. The following icons indicate message status:

» sending in progress　　✗ sending failed

✉ delivered

## *Receiving Messages*

*Note: You must set up the text message inbox before you can receive text messages. See page 8.*

When your text message inbox is full, you must delete old messages before you can open new ones.
Your phone checks for new Email messages periodically, or whenever you select

`⟍▭⟋ > Messages ⟍▭⟋ > Send/Receive Mail`

or else

`⟍▭⟋ > Messages > Email Msgs`

When you receive a new text message, your phone displays New Message ✉ and gives an alert. If reminders are turned on, your phone sends a reminder every five minutes until you close the new message notification, read the message, or turn off your phone (see page 39). From the new message notification:

| Press | To |
|-------|-----|
| READ (⟋·▭) | open the message (or your text message inbox if there are multiple messages) |
| **or** | |
| DETAILS (▭·⟍) | open message details (or a list of messages if there are more than one) |
| | When you are viewing message details, press DOWNLD (⟋·▭) to download and read the message. |

*Note:* DETAILS *appears for MMS messages if* Download *is set to* Defer *(see page 9)*

## *Reading, Locking, or Deleting Messages*

Messages in the inbox are sorted from newest to oldest. The following indicators show message status:

| | |
|---|---|
| ☒ unread | ⌂ read |
| ☒ unread with attachment | 🖹 read with attachment |
| ☒ unread and urgent | 🔒 read and locked |
| ☒ unread and urgent with attachment | 🔒 read and locked with attachment |

*Note: The files that you download or receive as attachments might have a lock that keeps you from forwarding them.*

The oldest messages are deleted automatically as specified by the inbox Cleanup setting. If you want to save a message, you should lock it to prevent it from being deleted during cleanup.

**Find the Feature** ⌷⁄⁄ > Messages > Message Inbox

| | Press | To |
|---|---|---|
| 1 | ⊙ | scroll to the message |
| 2 | READ (◁⁄) | open the message |
| 3 | SAVE (◻⁄) | close the message |
| | **or** | |
| | DELETE (◁⁄) | delete the message |
| | **or** | |
| | ⌷⁄⁄ | open the Message Menu to perform other procedures |

While reading a message, press ⌐─┐ for these options:

| Option | Description |
| --- | --- |
| **Voice Call Back** | Make a voice call to the number in the message header or embedded in the message. |
| **Video Call Back** | Make a video call to the number in the message header or embedded in the message. |
| **Preview Video Call** | Preview your phone's camera image before making a video call to the selected number. |
| **Go To** | Launch the micro-browser and go to a Web address (URL) embedded in the message. |
| **Reply** | Open a new text message, with the sender's **Reply To** number or email address in the **To** field. |
| **Forward** | Open a copy of the text message, with an empty **To** field. |
| **Lock/Unlock** | Lock or unlock the message. |
| **Store** | Display a list of items that can be stored, including the sender's number or email address, and a selected image or sound file. |
| **Delete** | Delete the message. |
| **Delete All** | Delete all inbox messages. |
| **Delete Messages** | Choose to delete only messages that are read, unread, or delivery reports. |
| **Create Message** | Open a new text message. |

| Option | Description |
|--------|-------------|
| **Setup** | Open the text message inbox setup menu. |

*Note: To play attached sound files, press ⊙ to select the icon, then press* **PLAY** *(⌐▭).*

# *Setting Up Your Phonebook*

You can store a list of names and phone numbers or email addresses in your phone's electronic phonebook.

To see the names in your phonebook, press ⌐—⌐ > **Phonebook** from the idle display. Scroll to a name and press 🖉 to call the entry or **VIEW** (⌐·⌐) to view entry details as shown below.

To show the entries in a category, see page 32.

## *Viewing Entry Details*

**Voice Name** indicator indicates a recorded voice name

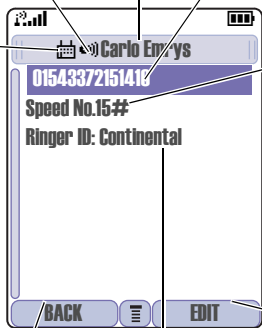Entry's **Name**

Entry's **phone number**, **email address**, or **mailing list**

**Type** indicator identifies number type:
- 🛗 Work
- 🏠 Home
- ☎ Main
- 🖡 Mobile
- 📟 Pager
- ✉ Email

Carlo Emrys

**0154337215141**

Speed No.15#

Ringer ID: Continental

Entry's speed dial number

BACK    ≡    EDIT

Edit entry

Return to list

Press ⌐—⌐ to open the **Phonebook Menu**

Entry's ringer ID setting

*Notes:*

- *Email entries, Mailing List entries, and entries stored on the SIM card do not have* Type, Voice Name, *or* Ringer ID *information.*

- *If the phonebook entry is a mailing list, list members are listed after the entry's name*

## *Creating a Phonebook Entry*

You can store an entry on your phone or on the SIM card.

*Note: You can also use the following procedure to store a fixed dial entry by scrolling to and selecting* Fixed Dial*.*

### *Enter Information*

To create or edit a phonebook entry:

**Find the Feature**    ⌁ > Phonebook
                         ⌁ > New > Phone Number or
                              Email Address or Mailing List

**Shortcut:** Enter a phone number in the idle display, then press STORE (⌁) to create a phonebook entry with the number in the No. field.

A phone number or email address is required for a phonebook entry. All other information is optional. You can enter the following information for a phonebook entry:

| Phonebook Item | Description |
|----------------|-------------|
| Name | enter a name for the phonebook entry |
| Category | scroll to the category that classifies the entry |

| Phonebook Item | Description |
|---|---|
| **No.**, **Email**, or **Members** | enter the phone number or email address, or select phonebook entries to add as members of the mailing list |
| **Type** | scroll to the type of phone number (only for phone numbers not stored on the SIM) |
| **Store To** | choose to store the entry on the phone or the SIM card. |
| **Voice Name** | record a voice name for the entry. See page 26. |
| **Speed No.** | change the number you use to *speed dial* the entry. |
| **Ringer ID** | change the ring tone for calls from this entry |
| **Picture** | choose a picture to appear for calls from this entry |
| **Call-Light ID** | change the backlight that appears for calls from this entry |
| **Private** | indicate if this is a private entry (to show or hide private entries, see page 32) |
| **More** | create another entry with the same **Name** |

## *Complete Phonebook Entry*

When you are finished entering information for a phonebook entry:

| **Press** | **To** |
|---|---|
| DONE ($\fbox{}$) | store the entry and return to the phonebook list |

## *Storing a PIN Code with a Phone Number*

You can store a PIN code with the phone number for calls that require additional digits (for example, to make a calling card call, or to retrieve voicemail or answering machine messages). While entering a phone number, press $\fbox{}$ and select:

| Option | Description |
|---|---|
| Insert Pause | Your phone dials the preceding digits, waits for the call to connect, then sends the remaining digit(s). |
| Insert Wait | Your phone dials the preceding digits, waits for the call to connect, then prompts you for confirmation before it sends the remaining digit(s). |
| Insert 'n' | Your phone prompts you for a number before dialling the call. The number you enter is inserted into the dialling sequence in place of the n character. |

*Notes:*

• *You can store a maximum of 32 digits per number for a phonebook entry stored on the phone. The maximum number may vary for entries stored on the SIM card. Each character counts as one digit.*

• *You cannot store numbers that contain a w or n character on the SIM card.*

## *Recording a Voice Name For a Phonebook Entry*

You can record a voice name for a new or existing phonebook entry. A voice name lets you call the phonebook entry using voice dial (see page 27).

*Note: You cannot record a voice name for an entry stored on a SIM card.*

**Tip:** Make your voice recording in a quiet location. Hold the phone about four inches (10 centimetres) from your mouth, and speak directly into the phone in a normal tone of voice.

**Find the Feature**      ▭ > Phonebook

| **Do This** | **To** |
|---|---|
| **1** Press ⊙ | scroll to the entry that needs a voice name |
| **2** Press VIEW (▱) | display the entry's detailed view |
| **3** Press EDIT (▱) | edit the phonebook entry |
| **4** Press ⊙ | scroll to Voice Name |
| **5** Press RECORD (▱) | begin the recording process |
| | The phone displays Press Record then say name. |
| **6** Press RECORD (▱) and say the entry's name (in two seconds) | record the voice name |
| | The phone displays Press Record then REPEAT name. |

| **Do This** | **To** |
|---|---|
| **7** Press RECORD ( <img> ) and repeat the name | confirm the voice name<br>The phone displays Trained: Voice Name. |
| **8** Press DONE ( <img> ) | store the voice name |
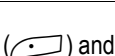
## *Dialling a Phonebook Entry*

Use one of the following procedures to call a number (or send a text message to an email address) stored in your phonebook. To use speed dial or 1-touch dial, see your User Guide.

### *Phonebook List*

| **Find the Feature** | 〒 > Phonebook |
|---|---|

| **Press** | **To** |
|---|---|
| **1** keypad key letter | jump to entries that begin with that letter (optional) |
| **2** ( ⊙ ) | scroll to the entry |
| **3** ☎ | make the call |

### *Voice Dial*

| **Find the Feature** | 〒 > Tools > Voice Dial |
|---|---|

| **Do This** | **To** |
|---|---|
| **1** Press SELECT ( <img> ) | activate the voice dial mechanism<br>The phone displays Say Name Now. |

| **Do This** | **To** |
|---|---|
| **2** Say the pre-recorded phonebook entry name | to select the entry to be dialled |

## *Video Dial*

| **Find the Feature** | ⌐─7 > Phonebook |
|---|---|

| **Press** | **To** |
|---|---|
| **1** keypad key letter | jump to entries that begin with that letter (optional) |
| **2** (⊙) | scroll to the entry |
| **3** ⌐─7 > Video Call | make the call |

## *Editing a Phonebook Entry*

You can also use the following procedure to edit a fixed dial entry by selecting ⌐─7 > Tools > Dialling Services > Fixed Dial.

| **Find the Feature** | ⌐─7 > Phonebook |
|---|---|

| **Press** | **To** |
|---|---|
| **1** (⊙) | scroll to the entry you want to edit |
| **2** VIEW (⌐⌐) | display the entry's detailed view |
| **3** EDIT (⌐⌐) | edit the phonebook entry |

Edit the entry information described on page 23.

**Tip:** Press ⌐─7 to open the Phonebook Menu to perform various operations on the selected entry.

## *Deleting a Phonebook Entry*

To delete an entry:

**Find the Feature**          〓 > Phonebook

| **Press** | | **To** |
|---|---|---|
| **1** | ⊙ | scroll to the entry you want to delete |
| **2** | 〓 | open the Phonebook Menu |
| **3** | ⊙ | scroll to Delete |
| **4** | SELECT (⟋⎯) | select Delete |
| **5** | YES (⟋⎯) | confirm the deletion |

## *Using Phonebook Categories*

Phonebook categories let you use special ring tones and backlight colours for phonebook entries you classify as "Business," "Personal," "General," or other categories. Your phone and your UICC or SIM card both store each category you create.

## *Create or Edit a Category*

**Find the Feature**          〓 > Phonebook
                              〓 > Categories

| **Press** | | **To** |
|---|---|---|
| **1** | ⊙ | scroll to a category to edit (select any category if you are creating a new one) |
| **2** | 〓 | open the Categories menu |
| **3** | ⊙ | scroll to New or Edit |

| Press | | To |
|-------|--|-----|
| **4** | SELECT ($\diagup\square$) | select New or Edit |
| **5** | CHANGE ($\diagup\square$) | select the category Name |
| **6** | keypad keys | enter the category name |
| **7** | OK ($\diagup\square$) | store the category name |
| **8** | CHANGE ($\diagup\square$) | open the member list |
| **9** | $\odot$ | scroll to a phonebook entry you want to add or remove<br><br>*Note: You cannot add entries stored on a SIM card.* |
| **10** | ADD ($\diagup\square$)<br><br>**or**<br><br>REMOVE ($\diagup\square$) | add an unchecked entry<br><br><br><br>remove a checked entry |
| **11** | DONE ($\diagup\square$) | close the member list |
| **12** | CHANGE ($\diagup\square$) | select the category Ringer ID |
| **13** | $\odot$ | scroll to the ringer ID to use for calls from category entries |
| **14** | SELECT ($\diagup\square$) | select the ringer ID |
| **15** | CHANGE ($\diagup\square$) | select the category Call-Light ID |
| **16** | $\odot$ | scroll to the backlight pattern for calls from category entries |
| **17** | SELECT ($\diagup\square$) | select the backlight |
| **18** | DONE ($\diagup\square$) | store the category and return to the phonebook list |

## *Delete a Category*

**Find the Feature**        $\overline{\phantom{--}}$ > Phonebook
                            $\overline{\phantom{--}}$ > Categories

| **Press** | | **To** |
|---|---|---|
| **1** | ⊙ | scroll to the category |
| **2** | $\overline{\phantom{--}}$ | open the Categories menu |
| **3** | ⊙ | scroll to Delete |
| **4** | SELECT ( $\diagdown\square$ ) | delete the category |
| **5** | DONE ( $\square\diagup$ ) | confirm the deletion |

## *Reorder Categories*

**Find the Feature**        $\overline{\phantom{--}}$ > Phonebook
                            $\overline{\phantom{--}}$ > Categories
                            $\overline{\phantom{--}}$ > Reorder List

| **Press** | | **To** |
|---|---|---|
| **1** | ⊙ | scroll to the category you want to move |
| **2** | GRAB ( $\square\diagup$ ) | grab the category you want to move |
| **3** | ⊙ | move the category up or down the menu |
| **4** | INSERT ( $\diagdown\square$ ) | insert the category in the new location |

## *View Category Entries*

You can select a category to show only its entries:

**Find the Feature**          $\boxed{-}$ > Phonebook
                              $\boxed{-}$ > Categories > *the category
                                         you want to see*

## *Showing or Hiding Private Entries*

You can show or hide the phonebook entries you mark as private.
To mark an entry as private, see the Private item on page 24.

**Find the Feature**          $\boxed{-}$ > Settings > Security
                                       > Show Private Entries or
                                         Hide Private Entries

You can also press $\boxed{-}$ > Setup in the phonebook to change this
setting.

You must enter your private entry code to show private entries. To
change your private entry security code:

**Find the Feature**          $\boxed{-}$ > Settings > Security
                                       > New Passwords
                                       > Private Entries Code

## *Sorting the Phonebook List*

You sort your phonebook list by speed dial number (the standard),
name, voice name, or email address.

**Tip:** The voice name sort is identical to the name sort, except that
the entries with voice name tags appear first.

**Find the Feature**          $\boxed{-}$ > Phonebook
                              $\boxed{-}$ > Setup > Sort By

| Press | | To |
|-------|---|-----|
| **1** | (⊙) | scroll to the order you want |
| **2** | SELECT (⟋⟍) | select the order you want |

If you select Speed No., Voice Name, or Email, the procedure is complete. If you select Name, you must specify whether you want to view all numbers or just the primary number for each name:

| Press | | To |
|-------|---|-----|
| **3** | CHANGE (⟋⟍) | change view preference |
| **4** | (⊙) | scroll to Primary Contacts or All Contacts |
| **5** | SELECT (⟋⟍) | select the view preference |
| **6** | DONE (⟋⟍) | set the view preference |

To set an entry's primary phone number, see the following procedure.

**Tip:** When the phonebook list displays primary numbers only, you can scroll to a name and press (⊙) left or right to view other numbers associated with the name.

## *Setting the Primary Number for a Phonebook Entry*

When you enter multiple phone numbers for the same name, you can set one as the primary number.

*Note: You cannot set a primary number for entries stored on a SIM card.*

**Find the Feature**        ⟋─⟍ > Phonebook

| | Press | To |
|---|---|---|
| **1** | ⊙ | scroll to the entry |
| **2** | ⟲ | open the **Phonebook Menu** |
| **3** | ⊙ | scroll to **Set Primary** |
| **4** | **SELECT** (⟀) | select **Set Primary** |
| **5** | ⊙ | scroll to the number you want to set as the primary number |
| **6** | **SELECT** (⟀) | set the primary number |

Depending on how the phonebook list is sorted, the primary number is listed first, or is the only number that appears for a phonebook entry. See page 32.

## *Copying Phonebook Entries*

You can copy entries from one position to another, such as from positions in your phone memory to positions in your SIM card memory.

*Note: These procedures do not delete the original entries.*

### *Copy a Single Entry*

**Find the Feature**            ⟲ > **Phonebook**

| | Press | To |
|---|---|---|
| **1** | ⊙ | scroll to the entry |
| **2** | ⟲ | open the **Phonebook Menu** |
| **3** | ⊙ | scroll to **Copy Entry** |

| **Press** | | **To** |
|-----------|---|--------|
| **4** | **SELECT** ($\overline{\smash{\cdot}\phantom{i}}$) | select Copy Entry |
| | | The phone displays the next available speed dial number. |
| **5** | keypad keys | edit the speed dial number |
| **6** | **OK** ($\overline{\phantom{i}\smash{\cdot}}$) | copy the entry to the new speed dial location |

## *Copy Multiple Entries*

| **Find the Feature** | | $\overline{\phantom{ii}\smash{\cdot}}$ > Phonebook |
|----------------------|---|------|

| **Press** | | **To** |
|-----------|---|--------|
| **1** | $\overline{\phantom{ii}\smash{\cdot}}$ | open the Phonebook Menu |
| **2** | ($\odot$) | scroll to Copy Entries |
| **3** | **SELECT** ($\overline{\phantom{i}\smash{\cdot}}$) | select Copy Entries |
| **4** | ($\odot$) | scroll to From (start) |
| **5** | **CHANGE** ($\overline{\smash{\cdot}\phantom{i}}$) | select From (start) |
| **6** | keypad keys | enter the low speed dial number for the range of entries you want to copy |
| **7** | **OK** ($\overline{\phantom{i}\smash{\cdot}}$) | store the number |
| **8** | ($\odot$) | scroll to From (end) |
| **9** | **CHANGE** ($\overline{\smash{\cdot}\phantom{i}}$) | select From (end) |
| **10** | keypad keys | enter the high speed dial number for the range of entries you want to copy |
| **11** | **OK** ($\overline{\phantom{i}\smash{\cdot}}$) | store the number |

| Press | To |
|-------|-----|
| **12** ⊙ | scroll to **To (start)** |
| **13** CHANGE (⌐) | select **To (start)** |
| **14** keypad keys | enter the low speed dial number for the entries' new location |
| **15** OK (⌐) | store the number |
| **16** DONE (⌐) | copy the entries |

## Checking Phonebook Capacity

You can check phonebook capacity to see how much space is left for storing phonebook entries on your phone and on the SIM card.

**Find the Feature**  ▭ > **Phonebook**

| Press | To |
|-------|-----|
| **1** ▭ | open the **Phonebook Menu** |
| **2** ⊙ | scroll to **Phone Capacity** or **SIM Capacity** |
| **3** SELECT (⌐) | select **Phone Capacity** or **SIM Capacity** |
| | Your phone displays the phone memory meter, or the number of SIM card phonebook entries available. |

## Setting 1-Touch Dial Preference

You can set 1-touch dial to call the entries in your phone memory phonebook or the SIM card phonebook.

**Find the Feature**  ▭ > **Settings** > **Initial Setup**

| Press | | To |
|---|---|---|
| **1** | ⊙ | scroll to 1-Touch Dial |
| **2** | CHANGE (⌷) | select 1-Touch Dial |
| **3** | ⊙ | scroll to the list you want |
| **4** | SELECT (⌷) | select the list |

## *Sending an Entry*

You can send pictures, sounds, bookmarks, events, and contacts to a connected computer. See page 71.

## *Synchronising Your Phonebook*

You can synchronise your phonebook entries with an Internet server using a wireless connection. See page 70. This synchronises the Category, Ringer ID, Icon ID, and Mailing List information for each phonebook entry.

# *Personalising Your Phone*

## *Personalising a Ring Style*

You can change the alerts that notify you of the following events: incoming calls, text messages, voicemail messages, data calls, alarms, and reminders. Any changes you make are saved to the current ring style.

**Find the Feature**  ⬚⎯⁄ > Settings > Ring Styles
                          > *Alert* Detail

*Alert* represents the current ring style.

| **Press** | | **To** |
|---|---|---|
| **1** | ⊙ | scroll to the event |
| **2** | CHANGE (⟋⎯) | select the event |
| **3** | ⊙ | scroll to the event you want |
| **4** | SELECT (⟋⎯) | select the alert |

*Note: Some ring tones vibrate automatically. If you use one of these tones, your phone vibrates even when it is not set to* Vibrate *or* Vibe&Ring*. To turn off these vibrations, see page 40.*

To turn off alerts for messages that arrive during a call, see your User Guide.

## *Activating Ringer IDs*

When ringer IDs are turned on, your phone uses distinctive ringer alerts to notify you of incoming calls or messages from specific entries stored in your phonebook or specific categories of entries in your phonebook.

*Note: To assign a ringer ID to a new or existing phonebook entry, see page 23.*

**Find the Feature**          $\boxed{\cdot\!\!-\!\!\nabla}$ > Settings > Ring Styles
                              > *Alert* Detail > Ringer IDs

*Alert* represents the current ring style.

| Press | To |
|-------|-----|
| 1  $\odot$ | scroll to On or Off |
| 2  SELECT ($\boxed{\cdot\!\diagdown}$) | select the option |

## *Setting Ringer or Keypad Volume*

**Find the Feature**          $\boxed{\cdot\!\!-\!\!\nabla}$ > Settings > Ring Styles
                              > *Alert* Detail

*Alert* represents the current ring style.

| Press | To |
|-------|-----|
| 1  $\odot$ | scroll to Ring Volume or Key Volume |
| 2  $\odot$ left or right | scroll to the desired volume |
| 3  OK ($\boxed{\cdot\!\diagdown}$) | confirm the new volume |

## *Setting Reminders*

Reminders are alerts that ring or vibrate to notify you about a voicemail or text message you have received, or a datebook event you have scheduled.

## *Turning Reminders On or Off*

**Find the Feature**  $\boxed{-}$ > Settings > Ring Styles
> *Alert* Detail > Reminders

*Alert* represents the current ring style.

| Press | To |
|---|---|
| **1** $\odot$ | scroll to Beep or Vibrate to set the reminder alert type, or Off to turn off all reminders |
| **2** OK ($\frown$) | select the reminder alert |

## *Activating Haptic Vibrations*

Some ring tones and games include vibrations. You can turn these vibrations on or off for your phone.

**Find the Feature**  $\boxed{-}$ > Settings > Initial Setup
> Vibe Sync > On or Off

If you turn on Vibe Sync, your phone vibrates for some ring tones and games even when the ring style is not set to Vibrate or Vibe&Ring.

## *Creating and Editing Alert Tones*

You can create and store custom alert tones on your phone. The tones appear in the list of available alerts.

### *Creating a Tone*

**Find the Feature**  $\boxed{-}$ > Settings > Ring Styles
> My Tones > [New Tone]

| Press | To |
|---|---|
| **1** CHANGE ($\frown$) | select Notes |

| **Press** | | **To** |
|---|---|---|
| **2** | (○) | enter notes for the tone (see the following section) |
| | **or** | |
| | keypad keys | |
| **3** | OK (⌐⌐) | store the notes |
| **4** | CHANGE (⌐⌐) | select Name |
| **5** | keypad keys | enter the name for the tone |
| **6** | OK (⌐⌐) | store the name |
| **7** | DONE (⌐⌐) | store the tone |

### Entering Notes

Press (○) up or down to select a note in octaves 0-8.
**Basic notes:** c d e f g a b **Sharp Notes:** #c #d #f #g #a

You can also enter note details and rests. For example, *2#g0r plays a second-octave G sharp whole note followed by a rest. Press number keys repeatedly to cycle through the options in the following table.

### Note Table

| Key | Display | Description |
|---|---|---|
| ◹ | 1 | 1/2 note, as in *4c1 |
| | . | dotted note, as in *4c. which is 1 and 1/2 counts |
| | : | double dotted note, as in *1a: which is 1 and 3/4 counts |
| | ; | 2/3 length note, as in *1a; which is 2/3 of a count |

| Key | Display | Description |
|-----|---------|-------------|
| `2` | **a** | A note |
| | **b** | B note |
| | **c** | C note |
| | **2** | 1/2 note, as in *4c2 |
| `3` | **d** | D note |
| | **e** | E note |
| | **f** | F note |
| | **3** | 1/8 note, as in *4c3 |
| `4` | **g** | G note |
| | **4** | 1/16 note, as in *1c4 |
| `5` | **5** | 1/32 note, as in *4c5 |
| `6` | **6** | sets octave six, as in *6 |
| `7` | **r** | inserts a rest (you can add length modifiers, such as r1) |
| | **7** | sets octave seven, as in *7 |
| `8` | **8** | sets octave eight, as in *8 |
| `0` | **0** | whole note, as in *4c0 |
| | * | sets an octave when followed by 0-8, as in *4c for a C note in octave four |
| | **#** | sharp note, as in *4#c |
| | **&** | flat note, as in *4&d |
| `*` | move cursor left | |
| `#` | move cursor right | |

**Example**

To create a simple tone, you can enter notes by pressing $\odot$ up and down, and enter rests by pressing ⬚.
For example:

| Press | | To | Display |
|---|---|---|---|
| **1** | $\odot$ | scroll up to **\*4c** , then wait for the highlight to disappear | **\*4c** |
| **2** | $\odot$ | scroll up to **\*4d** | **\*4c2\*4d** |
| | | The phone adds a **2** after each note, to indicate it is a half note. To change the length, see page 41. | |
| **3** | $\odot$ | scroll up to **\*4e** | **\*4c2\*4d2\*4e** |
| **4** | ⬚ | enter a rest | **\*4c2\*4d2\*4e2r** |
| **5** | $\odot$ | scroll down to **\*4c** | **\*4c\*4d\*4er2\*4c** |
| **6** | ⬚ > **Play All** | play the tone | |

## *Editing a Tone*

You cannot edit the standard alert tones included with your phone. To edit a custom tone that you created:

| **Find the Feature** | ⬚ > **Settings** > **Ring Styles** > **My Tones** |
|---|---|

| Press | | To |
|---|---|---|
| **1** | $\odot$ | scroll to the tone |
| **2** | **EDIT** (⬚) | open the tone details |

| Press | | To |
|-------|---|-----|
| **3** | ⊙ | scroll to **Name** or **Notes** |
| **4** | CHANGE (⬭) | select the details to edit |
| **5** | ⊙ | enter new text or notes |
| | **or** | |
| | keypad keys | |
| **6** | OK (⬭) | store the details |

### Deleting a Tone

You cannot delete the standard alert tones included with your phone. To delete a custom tone that you created:

**Find the Feature**   ⬒ > **Settings** > **Ring Styles**
                            > **My Tones**

| Press | | To |
|-------|---|-----|
| **1** | ⊙ | scroll to the tone |
| **2** | ⬒ | open the **My Tones Menu** |
| **3** | ⊙ | scroll to **Delete** |
| **4** | SELECT (⬭) | select **Delete** |
| **5** | YES (⬭) | confirm the deletion |

### Downloading a Tone

You can download custom ring tones from the micro-browser application, or from a text message. To download tones from the micro-browser, see page 86. To download tones from a text message, see page 18.

### *Send Tones*

You can send ring tones to other wireless phone users. To insert a tone in a text message, see page 14.

### *Personalising Display Text*

To change the greeting that appears when you turn on your phone:

**Find the Feature**　　　　⌦ > Settings > Personalise
　　　　　　　　　　　　　　　　> Greeting

You can set the banner graphic in the idle display to an analogue clock or a status icon:

**Find the Feature**　　　　⌦ > Settings > Personalise
　　　　　　　　　　　　　　　　> Banner

### *Setting the Menu View*

You can set your phone to display the main menu as graphic icons (the default setting) or as a text-based list.

**Find the Feature**　　　　⌦ > Settings > Personalise
　　　　　　　　　　　　　　　　> Main Menu > View
　　　　　　　　　　　　　　　　> Icons or List

### *Personalising the Menu*

You can reorder the items in your phone's main menu.

*Note: The first nine items appear on the main menu, while the rest appear under the Extras (☜) option on the main menu. You cannot move the Extras option.*

**Find the Feature**          ⌐⌐ > Settings > Personalise
                              > Main Menu > Reorder

| Press | | To |
|---|---|---|
| 1 | ⊙ | scroll to the menu item you want to move |
| 2 | GRAB (◁▱) | grab the menu item you want to move |
| 3 | ⊙ | move the item up or down the menu |
| 4 | INSERT (◁▱) | insert the item in the new location |

## *Personalising Soft Keys*

You can assign new main menu items to the soft keys (left ▱◁·
and right ◁▱) and ⊙ in the idle display.

**Find the Feature**          ⌐⌐ > Settings > Personalise
                              > Home Keys

| Press | | To |
|---|---|---|
| 1 | ⊙ | scroll to the keypress you want to assign (Scroll Up, Scroll Down, Scroll Left, Scroll Right, Left Soft Key, or Right Soft Key) |
| 2 | CHANGE (◁▱) | select the icon or soft key |
| 3 | ⊙ | scroll to a menu feature |
| 4 | SELECT (◁▱) | confirm the menu feature |

## *Setting the Menu Language*

You can set the language in which menu features and options are displayed.

**Find the Feature**          ⌦ > Settings > Initial Setup
                              > Language

## *Setting Menu Scroll Behaviour*

You set the highlight bar to stop or wrap around when you reach the top or bottom of a menu list.

**Find the Feature**          ⌦ > Settings > Initial Setup
                              > Scroll

## *Setting Menu Animation*

Menu animation provides smooth scrolling of the highlight bar and menu items as you scroll through a menu list. Turn off menu animation to extend battery life.

**Find the Feature**          ⌦ > Settings > Initial Setup
                              > Animation

## *Resetting All Options*

Reset all options back to their original factory settings, except for the unlock code, security code, and lifetime timer.

**Find the Feature**          ⌦ > Settings > Initial Setup
                              > Master Reset

## *Clearing All Stored Information*

Reset all options back to their original factory settings, except for the unlock code, security code, and lifetime timer, erase all downloaded pictures, animations, and sound files, and clear all

user settings and entries except for information stored on the SIM card.

**Caution:** Master clear *erases all user-downloaded content and user-entered information* stored in your phone's memory, including phonebook and datebook entries. Once you erase the information, it cannot be recovered. Master clear does not delete any information stored on the SIM card.

| Find the Feature | ⌦ > Settings > Initial Setup > Master Clear |

## *Creating and Using Shortcuts*

Shortcuts let you quickly access your favourite menu features. Your phone is pre-programmed with several shortcuts, but you can add more.

## *Standard Shortcuts*

The following shortcuts are pre-programmed in your phone. You cannot edit or delete them.

| Press | To |
|-------|-----|
| ⌦ ⁎ | lock/unlock your keypad |
| ⌦ # | display your phone number |
| 📞 | go to the dialled calls list |
| 📵 | exit the menu system, return to the idle display |

## *Adding Shortcuts*

You can create a keypad shortcut to a menu item.

| Do This | To |
|---------|-----|
| 1 Press ⌦ | enter the menu system |

| **Do This** | **To** |
|---|---|
| **2** Scroll to the item you want to add to Shortcuts | highlight the menu item |
| **3** Press and hold ▭ | open the shortcut editor |
| | The phone displays: **Assign Shortcut for:** *Item?* where *Item* is the name of the item you selected. |
| **4** Press **YES** (⌒) | view your options |

**Shortcut Options**

| Option | Description |
|---|---|
| **Name** | this name appears in the shortcut list |
| **Key** | the key you press to use the shortcut |

## *Using Keypad Shortcuts*

| **Press** | **To** |
|---|---|
| **1** ▭ | open the menu |
| **2** the shortcut key number | go to the menu item, or perform the menu action |

## *Selecting Shortcuts from the List*

**Find the Feature** ▭ > **Tools** > **Shortcuts** > *Shortcut Name*

## *Edit or Delete a Shortcut*

The shortcut list is sorted by key. If you change a shortcut's key, you change its place in the list.

| **Find the Feature** | ▢ > Tools > Shortcuts |
|---|---|
| | > *Shortcut Name* |

| **Press** | | **To** |
|---|---|---|
| **1** | ⊙ | scroll to the shortcut |
| **2** | ▢ | open the Shortcut Menu below |

**Shortcut Menu**

| Option | Description |
|---|---|
| Edit | Edit the shortcut. |
| Reorder List | Change the shortcut list order. |
| Delete | Delete the shortcut. |
| Delete All | Delete all shortcuts. |

# *Getting More Out of Your Phone*

## *Making a Conference Call*

Link an active call and a call on hold together so that all parties can speak to each other.

| Press | | To |
|-------|---|-----|
| **1** | keypad keys | dial the first person's number |
| **2** | ⌜⚬⌟ | call the number |
| **3** | **HOLD** (⌜·⌝) (if available) **or** ⌍⚬⌏ > **Hold** | put the first call on hold<br><br>Your phone displays a ☏ (flashing phone) indicator next to the call on hold. |
| **4** | keypad keys | dial the next person's number |
| **5** | ⌜⚬⌟ | call the number<br><br>Your phone displays a 𝄇 (active call) indicator next to the new active call. |
| **6** | **LINK** (⌜·⌝) | connect the two calls |
| **7** | ⌍⚬⌏ | end the entire call |

**Tip:** Repeat steps 3-6 to add additional parties to the conference call.

## *Diverting a Call*

Call diverting sends your phone's incoming voice, and/or data calls directly to another phone number.

## *Set Up or Cancel Call Diverting*

The call diverting options for voice or data calls are:

| | |
|---|---|
| **All Calls** | diverts all calls |
| **If Unavailable** | diverts calls if your phone is unavailable |
| **Detailed** | uses different diverting numbers if you are out of range, unable to answer, or busy (*voice calls only*) |
| **Off** | does not divert calls |

**Find the Feature**  $\boxed{-}$ > Settings > Call Divert

| | **Press** | **To** |
|---|---|---|
| **1** | ⊙ | scroll to the type of calls you want to divert |
| | | (**Cancel All** cancels all call diverting and ends the procedure.) |
| **2** | **SELECT** (⟋▢) | open the call divert details for that call type |
| **3** | ⊙ | scroll to **Divert** |
| **4** | **CHANGE** (⟋▢) | change the **Divert** option |
| **5** | ⊙ | scroll to the call divert option you want |

| Press | | To |
|-------|--|----|
| **6** | **SELECT** ($\frown$) | store the option |
| **7** | $\odot$ | scroll to **To** (same for **If Busy**, **If No Answer**, or **If Unreachable**) |
| **8** | **CHANGE** ($\frown$) | change the phone number |
| **9** | keypad keys | enter the diverting phone number |
| | **or** | |
| | **BROWSE** ($\frown$) | browse through your phonebook or other lists for the diverting phone number |
| **10** | **OK** ($\frown$) | store the diverting phone number |

*Note: Repeat this procedure to enter diverting information for other call types.*

## *Check Call Diverting Status*

Your network may store call diverting status for you. To confirm the network call diverting settings:

**Find the Feature**            $\searrow$ > **Settings** > **Call Divert**
                                      > **Divert Status**
                                      > *type of call*

## *Barring a Call*

Call barring lets you restrict outgoing or incoming calls. You can restrict all calls, calls to international numbers, or calls while roaming.

| **Find the Feature** | $\boxed{-}$ > Settings > Security |
| | > Call Barring |

| **Press** | | **To** |
|---|---|---|
| **1** | ⊙ | scroll to **Outgoing** or **Incoming** calls |
| **2** | **CHANGE** (⌐) | select the option |
| **3** | ⊙ | scroll to a restriction setting |
| **4** | **SELECT** (⌐) | select the restriction setting |
| **5** | keypad keys | enter your call barring password |
| **6** | **OK** (⌐) | submit your password |

## *Using Fixed Dial*

When you turn on fixed dialling, users can only call numbers stored in the fixed dial list. Use this feature to limit outgoing calls to a predefined list of numbers, country codes, area codes, or other prefixes.

Fixed dial list entries can be any length. If there is a fixed dial entry for the digits 555, users can call any number that starts with 555.

**Turning Fixed Dial On or Off**

| **Find the Feature** | $\boxed{-}$ > Settings > Security |
| | > Fixed Dial |

**Using the Fixed Dial List**

You must turn on fixed dialling to open the fixed dial list (see above).

You must enter your SIM PIN2 code to edit fixed dial entries:

**Find the Feature**  ⬚⬚⬚ > Tools > Dialling Services
> Fixed Dial

You create and edit fixed dial entries just like phonebook entries.
Fixed dial list entries are stored on your SIM card and do not have
Type, Voice Name, or Ringer ID fields.

## *Service Dialling*

You can dial pre-programmed numbers stored on your
SIM card, such as taxi companies, restaurants, and
hospitals.

**Find the Feature**  ⬚⬚⬚ > Tools > Dialling Services
> Service Dial

## *Quick Dialling*

You can dial pre-programmed numbers stored on your
phone. Your phone may come programmed with one or
more quick dial numbers, such as the customer service
number.

To open and dial numbers on the quick dial list.

**Find the Feature**  ⬚⬚⬚ > Tools > Dialling Services
> Quick Dial

*Note: Your service provider may use a different name for this
feature.*

To edit the quick dial list:

**Find the Feature**  ⬚⬚⬚ > Settings > Personalise
> Quick Dial

## *Using DTMF Tones*

You can send numbers to the network as *dual tone multi-frequency* (DTMF) tones during a call. Use DTMF tones to communicate with automated systems that require you to submit a PIN code or credit card number.

## *Activate DTMF Tones*

You can set DTMF tones to be Long, Short, or Off:

**Find the Feature**          ⌧⃥ > Settings > Initial Setup
                              > DTMF

## *Send DTMF Tones*

During a call, highlight a number in the phonebook or recent call lists, then:

**Do This**                    **To**

Press ⌧⃥ > Send Tones          send a number to the network
                               as DTMF tones

## *Monitoring Phone Use*

### *Viewing and Resetting Call Timers*

*Network connection time* is the elapsed time from the moment you connect to your service provider's network to the moment you end the call by pressing 🔚. This time includes busy signals and ringing.

**The amount of network connection time you track on your resettable timer may not equal the amount of time for which you are billed by your service provider. For billing information, please contact your service provider directly.**

To view a call timer:

**Find the Feature**        $\boxed{\cdot}$ > Recent Calls > Call Times
                            > *the timer you want*

Select one of the following options:

| | |
|---|---|
| Last Call | Time spent on the last call dialled or received. You cannot reset this timer. |
| Dialled Calls | Total time spent on dialled calls since the last time you reset this timer. |
| Received Calls | Total time spent on calls received since the last time you reset this timer. |
| All Calls | Total time spent on dialled and received calls since the last time you reset this timer. |
| Lifetime | Total time spent on all calls on this phone. You cannot reset this timer. |

To reset the call timer, press RESET ($\boxed{\cdot}$) while viewing it.

## *Using Timers During a Call*

You can set a timer to beep at selected intervals during a call, and display different types of information during a call.

**Find the Feature**        $\boxed{\cdot}$ > Settings > In-Call Setup
                            > In-Call Timer

Select one of the following options:

| | |
|---|---|
| Time | Display the approximate elapsed time for the current call. |
| Cost | Display the cost of the current call (if you subscribe to a call cost option or advice of charge). |

| Time | Display the approximate elapsed time for the current call. |
|---|---|
| Total Cost | Display the cost of all calls since the last time you reset the timer (if you subscribe to a call cost option or advice of charge). |
| Credit Available | Display how much credit you have left (if you subscribe to a call cost option or advice of charge). |
| Off | No in-call timer display. |

## *Viewing and Resetting Cost Trackers*

To view a cost tracker:

**Find the Feature** ⊑⊒ > Recent Calls > Call Cost

| **Press** | **To** |
|---|---|
| **1** ⊙ | scroll to the cost tracker you want to view |
| **2** SELECT (⌐⟍) | view the recorded cost |

Select one of the following options:

| Cost Tracker | Description |
|---|---|
| **Credit Available** | Amount of your credit remaining. |
| | For GSM advice-of-charge, this is only available if you set a credit limit. |
| | *Note: Your phone receives cost information from the advice-of-charge feature or third-party prepay software.* |
| **Expiry Date** | Date that the available credit expires (available only with a subscription to a prepay option). |
| **Last Deposit** | Amount of the last deposit (available only with a subscription to a prepay option). |
| **Last Call** | Amount spent on the last call you dialled or received. You cannot reset this cost tracker. |
| **Dialled Calls** | Amount spent on calls you dialled since the last time you reset this cost tracker. |
| **Received Calls** | Amount spent on calls you received since the last time you reset this cost tracker. |
| **All Calls** | Amount spent on all dialled and received calls since the last time you reset this cost tracker. |
| | You can reset this value separate from **Dialled Calls** and **Received Calls**, so **Dialled Calls** plus **Received Calls** may not equal **All Calls**. |

To reset the cost tracker:

| Press | To |
|-------|-----|
| **1**   **RESET** ($\boxed{\cdot\,\,}$) | reset the cost (if available) |
| **2**   **OK** ($\boxed{\cdot\,\,}$) | enter your PIN2 code to confirm the reset |

## *Using Hands Free Features*

Your phone includes an integrated two-way speakerphone for all hands free applications. You can also purchase an optional Motorola Original™ Easy-Install or Pro-Install Hands Free Kit for your car, or an optional Motorola Original phone headset. These accessories provide alternative ways for you to use your phone without using your hands.

*Notes:*

- *When a hands free car kit or headset accessory is connected to your phone, the integrated speakerphone is disabled.*

- *The use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.*

## *Automatic Answer*

You can set your phone to automatically answer calls after two rings (four seconds) when connected to a car kit or headset

**Find the Feature**    $\boxed{\cdot\,\,}$ > **Settings**
> **Car Settings** or
   **Headset**
> **Auto Answer**

## *Ringer Setting*

When you have a headset plugged in, this lets you choose whether you hear phone alerts in the **Speaker Only**, **Headset Only**, or the **Headset and Speaker**.

**Find the Feature**          ⬚ > **Settings** > **Headset**
                                   > **Ringer Options**

## *Automatic Hands Free*

You can set up your phone to automatically route calls to a car kit when it detects a connection.

**Find the Feature**          ⬚ > **Settings** > **Car Settings**
                                   > **Auto Handsfree**

| **Press** | | **To** |
|---|---|---|
| **1** | ⊙ | scroll to **On** or **Off** |
| **2** | **SELECT** (◠) | confirm the setting |

## *Power-Off Delay*

When your phone is connected to a car kit, you can set it to stay on for a period of time after you switch off the ignition. This prevents the phone from draining your vehicle battery, but leaves the phone on long enough that you do not have to re-enter your unlock code when making short stops.

*Note: This feature may not work with all car ignition switches.*

**Caution:** If you select **Continuous**, the phone does not power off when you turn off the ignition. Be careful not to drain your vehicle battery if you select this option.

**Find the Feature**          ⬚ > **Settings** > **Car Settings**
                                   > **Power-Off Delay**

| Press | To |
|-------|-----|
| **1** ⊙ | scroll to the time delay |
| **2** SELECT ($\overline{\cdot\,\Box}$) | confirm your selection |

## *Charger Time*

When your phone is connected to a car kit, you can set it to charge itself for a specified time period after you switch off the ignition. This helps ensure that the phone battery gets fully charged while the vehicle is parked.

*Note: This feature may not work with all car ignition switches.*

**Find the Feature**      $\overline{\phantom{xx}}$ > Settings > Car Settings
                              > Charger Time

| Press | To |
|-------|-----|
| **1** ⊙ | scroll to the charge time |
| **2** SELECT ($\overline{\cdot\,\Box}$) | confirm your selection |

## *Using Applications During a Call*

During a call, you can easily switch to other phone features or make a new Data, Browser, or Voice Call connection:

| Press | To |
|-------|-----|
| SWAP ($\overline{\cdot\,\Box}$) | open a list of options |

The list of options includes phone applications, such as Phonebook and Datebook. It also includes any other active connections you have, such as Active Data Call, Active Voice Call, or Active Browser. To start a new call, select New Call (this puts any current call on hold).

## *Changing Your Active Call Settings*

You can view and change the number of call and data/browser connections that your phone allows at one time:

**Find the Feature**        $\sqsupset\!\!-\!\!\sqsupset$ > Settings > Connection
                                            > Active Calls

The Active Calls list includes

| Option | Description |
|--------|-------------|
| No. of Calls | the number of active connections your phone allows, which you can increase to the number in the Subscription setting. |
| Subscription | the maximum number of active connections you subscribed to |
| Network | the maximum number of active connections your network supports |

## *Connecting Your Phone to an External Device*

You can connect your phone to a computer or hand-held device using a Bluetooth™ wireless connection, an infrared wireless link, a serial cable, or a USB cable.

*Note: Not all devices are compatible with Bluetooth, infrared, serial cable, or USB cable connections. Check your external device for specifications.*

## *Setting Up a Cable Connection*

Attach a serial cable or Motorola Original USB cable to the phone and external device as follows.

*Note: Check your computer or hand-held device to determine the type of cable you need.*
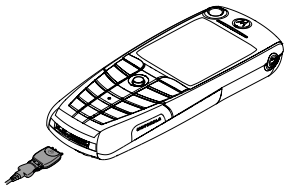
### Attaching a Serial Cable

Use the interchangeable head on the Motorola Multi-Connect Serial Cable to connect a computer, Palm III device, or Palm V device to your phone.

#### Do This

**1** Plug the serial cable into the detachable head. Make sure that the Motorola logo on the detachable head and the metal shielding on the serial cable plug are both facing you.

**2** With the Motorola logo and the phone both facing you, plug the detachable head into your phone's accessory connector port.

**3** Plug the other end of the cable into the serial interface connection on the external device and tighten the screws.
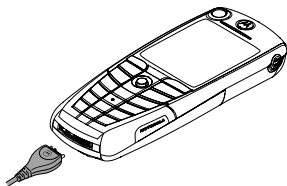
*Note: To save phone power when using a serial cable, plug a charger into the charger slot on the cable head.*

**Attaching a USB Cable**

**Do This**

**1** Plug the end of the cable with the Motorola logo into your phone's accessory connector port. Make sure that the logo and the phone are both facing you.

**2** Plug the other end—the USB connection—into the USB port on the external device.

## *Setting Up an Infrared Connection*

Establish an infrared wireless data connection with an external device as follows.

*Notes:*

- *This phone is classified as a Class 1 LED product and is considered safe under reasonable use.*

- *Your phone must be within one foot (30 centimetres) of the other device. Nothing can block the line of sight between the two devices.*

- *You cannot set up an infrared connection when a serial cable is attached to your phone.*

| **Find the Feature** | ⌐⊽ > Settings > Connection > IrDA Link |
| --- | --- |

| **Press** | **To** |
| --- | --- |
| START (⌐▱) | activate the infrared link |

If the phone does not find an infrared-capable device, it changes the right soft key ($\sqsubset\!\!\cdot\!\!\supset$) from STOP to START.

| Press | To |
|-------|-----|
| START ($\sqsubset\!\!\cdot\!\!\supset$) | try another connection |

To break the infrared data connection, press STOP ($\sqsubset\!\!\cdot\!\!\supset$).

You can also move the device away from the phone, turn off the device, or turn off the phone. If your phone moves away from a connected device while it is still on, it will try to re-connect for 30 seconds after the connection breaks.

## *Setting Up a Bluetooth Connection*

Before connecting your phone to another Bluetooth device, set up the other device as described in its user guide.

For a PC, set up the Bluetooth accessory card, card drivers, and application software. If you want to use Dial-up Networking Services, configure them for the Bluetooth modem as described in the software and modem user guides.

### *Notes:*

- *Your phone must be within 33 feet (10 metres) of the other device. Nothing can block the line of sight between the two devices.*

- *You cannot set up a connection when a serial cable is attached to your phone.*

### **Connecting a Computer for a Data Call**

Prepare your computer to set up the Bluetooth connection, then make your phone available for the connection:

**Find the Feature**      $\boxed{\cdots}$ > Settings > Connection
                           > Bluetooth Link > Setup
                           > Find Me

You have 60 seconds to start the connection from your computer while your phone is available.

**Tip:** After the first connection with a device, you do not need to select **Find Me** to re-connect.

### Connecting and Disconnecting a Headset

To connect an available Bluetooth headset device:

**Find the Feature**        ▭ > **Settings** > **Connection**
                            > **Bluetooth Link** > **Handsfree**
                            > *a device name*
                              **or**
                            [**Look For Devices**]

Your phone returns to the idle display, where a Bluetooth status bar icon indicates that you have a connection.

**Tip:** After the first connection with a headset, you can just open the headset to re-connect.

To disconnect:

**Find the Feature**        ▭ > **Settings** > **Connection**
                            > **Bluetooth Link** > **Handsfree**
                            > *the device name*

### Turning Bluetooth On or Off

You can turn your phone's Bluetooth feature on or off:

**Find the Feature**        ▭ > **Settings** > **Connection**
                            > **Bluetooth Link** > **Setup**
                            > **Power** > **On** or **Off**

**Changing Your Phone's Bluetooth Name**

You can assign a name to your phone, so that you can recognise it in the Bluetooth lists on other devices:

**Find the Feature**     ⌶ > Settings > Connection
                          > Bluetooth Link > Setup
                          > Name

| Press | | To |
|---|---|---|
| **1** | keypad keys | enter a phone name |
| **2** | OK (⌶) | store the new name |

## *Data Calls*

A Motorola Original™ data kit with a cable, a Bluetooth™ wireless connection, or an infrared wireless link lets you transfer data between your phone and a computer or other external device. You can:

- use your phone as a modem to connect to the Internet.
- use your phone to make and answer data calls on your computer or hand-held device.

## *Installing the Software*

Install the software from the CD-ROM that comes with your Motorola Original data kit. See the data kit's user guide for more information.

*Note: This software is required to transfer data between your phone and an external device.*

## *Making a Data Call*

Use this feature to transfer data from your computer onto another device, and to synchronise events and phonebook information between your phone, computer, and/or hand-held device.

Connect your phone (see page 63) and do the following:

| | Do This | To |
|---|---|---|
| **1** | Check the phone | make sure that the phone is connected and powered on |
| **2** | Open the application on your computer | place the call through the application (such as dial-up-networking) |
| | | *Note: You cannot dial data numbers through your phone's keypad. You must dial them through your computer.* |
| **3** | End the transfer on your computer | close the call and connection when the transfer is complete |

## *Receiving a Data Call*

You can connect your phone to a computer or hand-held device to receive data.

Use this feature to transfer data to your computer from another device.

### Transfer the Data

Connect your phone (see page 63).

Your phone notifies you when the data call arrives, and transfers the call to the connected device. You must use the application running on the connected device to answer the call.

**End the Data Connection**

When the data transfer is complete:

| Do This | To |
|---------|-----|
| End the call from the connected device | close the connection |

## *Using Sync*

This feature lets you quickly synchronise your events and phonebook entries with an Internet server using a wireless connection.

### *Creating an Internet Sync Partner*

To enter a computer as a Sync partner for your phone:

**Find the Feature**          $\boxed{-}$ > Settings > Connection
                                              > Sync > New

Your phone opens a Partner Details list:

| Detail | Description |
|--------|-------------|
| Partner Name | A common name you assign to the computer (such as "Work server") |
| Server URL | The URL for the server (you can omit "http://") |
| User Name | Your user name for logging into the server |
| Password | Your password for logging into the server |
| (data) Path | The name of the folder, beneath the URL path, where your data is stored |

## *Using an Internet Sync Partner*

To start synchronising with a Sync partner:

**Find the Feature**          ⌧ > Settings > Connection
                              > Sync > *partner name*

Your phone attempts a Sync connection with the URL, user name,
and password you entered for the partner. This might take several
minutes, if there are many entries to synchronise.

## *Sending Files from Your Phone*

You can send pictures, sounds, bookmarks, events, and
phonebook entries to a connected computer. Open the object you
want to send on your phone, then:

**Find the Feature**          ⌧ > Send > *sending method*

If you choose IrDA or Bluetooth methods, this creates a wireless
link that closes after the entry is sent. To set up a cable connection,
see page 63.

## *Adjusting Network Settings*

Your service provider registers your phone to a
network. You can view information about the current
network, change how your phone searches for a
network, specify your preferred networks, and activate
alerts that indicate when a call is dropped or network
registration changes.

**Find the Feature**          ⌧ > Settings > Network

## *Monitoring Battery Charge*

To view a detailed battery charge meter:

**Find the Feature** ⬚⬚⬚ > Settings > Phone Status
> Battery Meter

## *Viewing Phone Specifications*

To view your phone's feature specifications:

**Find the Feature** ⬚⬚⬚ > Settings > Phone Status
> Other Information

# *Personal Organiser Features*

## *Datebook*

The datebook is a calendar that lets you schedule and organise events such as appointments and meetings. You can review your schedule of events for the month or by the day, and have your phone play a reminder alarm for specific events.

*Note: You must set the correct time and date in order to use the datebook (see your User Guide).*

To schedule or review events:

**Find the Feature**           $\boxed{-}$ > Tools > Datebook

## *Viewing by the Month*

Triangles next to each day indicate events.

Press $\boxed{*}$ for prior month

Selected date

Today's date (highlight)

Exit the datebook

Month in view

Press $\boxed{#}$ for next month

Day with events

Go to selected day

| S | M | T | W | T | F | S |
|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 27 | 28 | 29 | 30 | 31 | | |

OCTOBER 2002

EXIT        VIEW

Press $\boxed{-}$ to open the Datebook Menu
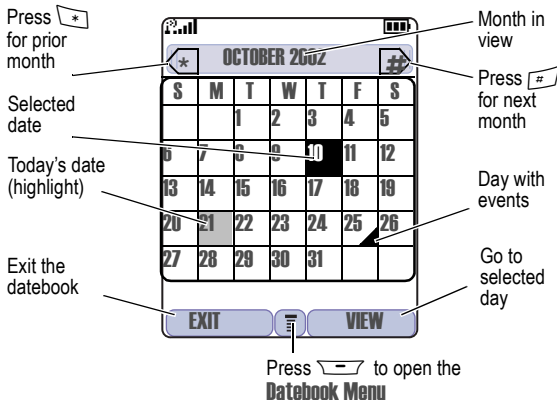
## *Viewing by the Day*

Select a day in the month view and press VIEW ($\frown$) to see the day's events. You can store, edit, view, copy, and delete any event from the day view.

| | |
|---|---|
| Untimed event | Day of week |
| Alarm | Events |
| Down scroll bar | Show event details |
| Return to previous screen | |

THU 19-NOV

Joe's Birthday
8:00 Marie, mtg...
9:00 conf call
9:30 status
1:00 presentation
3:00 weekly mee...
4:00 status call ...

BACK        VIEW

Press $\boxed{\searrow\diagdown}$ to open the Datebook Menu
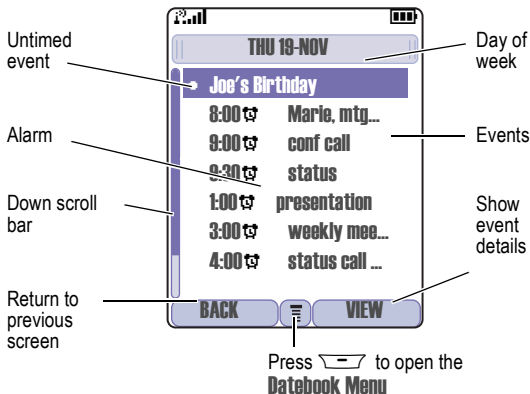
## *Viewing by the Event*

Select an event in the day view and press VIEW ($\diagdown$) to open the detailed event view. You can edit, copy, and delete events from the event view.

Alarm — Day and time

Duration

Alarm time

Repeat

Return to previous screen

Event details

Edit event

DONE    CHANGE

Press $\diagdown$ to open the Datebook Menu
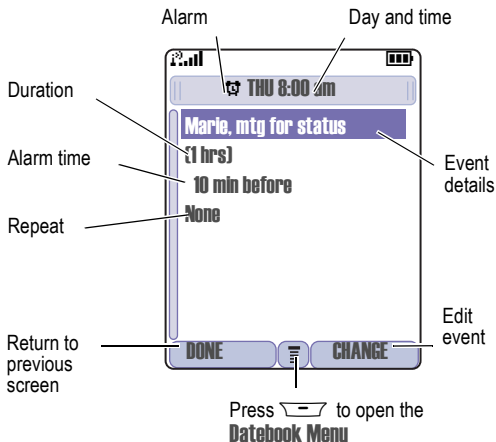
## *Adding a New Event*

A title is required for a datebook event. All other information is optional.

*Notes:*

- *You must create an event to use the reminder alarm.*

- *Your phone must be turned on for the reminder alarm to sound.*

**Find the Feature**    $\diagdown$ > Tools > Datebook > *day*
                         $\diagdown$ > New > Event

| Press | To |
|---|---|
| **1** CHANGE ($\diagdown$) | select Title |
| **2** keypad keys | enter a title for the event |
| **3** OK ($\diagup$) | store the event title |
| **4** ($\odot$) | scroll to other fields and enter information as necessary |
| | You can set start time, duration, date, repeating events, and reminder alarm. |
| **5** DONE ($\diagdown$) | store the event |

## *Changing Event Information*

**Find the Feature**   $\boxed{\phantom{-}}$ > Tools > Datebook > *day* > *event*

| Press | To |
|---|---|
| **1** EDIT ($\diagdown$) | edit the event |
| **2** ($\odot$) | scroll to the detail you want to change |
| **3** CHANGE ($\diagdown$) | edit the information |
| **4** keypad keys | enter the new information |
| **5** DONE ($\diagdown$) | store the information and return to the day view |

## *Copying an Event*

**Find the Feature**   $\boxed{\phantom{-}}$ > Tools > Datebook

| Press | | To |
|---|---|---|
| **1** | (⊙) | scroll to the day |
| **2** | VIEW (⌐⌐) | display the day view |
| **3** | (⊙) | scroll to the event to copy |
| **4** | ⌐⌐ | open the **Menu** |
| **5** | (⊙) | scroll to **Copy** |
| **6** | SELECT (⌐⌐) | copy the event |
| **7** | YES (⌐⌐) | confirm the copy |
| | | Your phone assumes that you want to change the date, and displays the **Date** field. |
| **8** | keypad keys | enter the date information |
| **9** | ▶ (⌐⌐) | move to the month, day, and year |
| **10** | DONE (⌐⌐) | save the copy of the event |
| **11** | (⊙) | scroll to event details and edit the information as necessary |
| **12** | DONE (⌐⌐) | store the new event and return to the day view |

## *Deleting an Event*

**Find the Feature**      ⌐⌐ > **Tools** > **Datebook**

| Press | | To |
|---|---|---|
| **1** | (⊙) | scroll to the scheduled event day |
| **2** | VIEW (⌐⌐) | display the day view |

| Press | | To |
|-------|---|-----|
| **3** | ⊙ | scroll to the event to delete |
| **4** | ⌐ | open the **Menu** |
| **5** | ⊙ | scroll to **Delete** |
| **6** | **SELECT** (⌐) | select **Delete** |
| | | For non-repeating events, go to step 7. For repeating events, the phone displays a delete event menu: |
| **a** | ⊙ | scroll to **This Event Only** or **Repeat Events** |
| **b** | **SELECT** (⌐) | select the event(s) to delete |
| **7** | **YES** (⌐) | confirm the deletion |
| | | The phone briefly displays a **Deleted:** message and returns you to the day view. |

## *View and Dismiss an Event Reminder*

When you set a reminder alarm for an event, the phone displays an event reminder and sounds a reminder alarm (to set change reminder settings, see page 39).

| Press | To |
|-------|-----|
| **VIEW** (⌐) | view the event |
| **or** | Press ⊙ to scroll through the event details. |
| **EXIT** (⌐) | dismiss the reminder |

If you have more than one event set up for the same time, the phone displays each event in sequence. As you view and dismiss each event reminder, the next one is displayed.

## *Change the Datebook Setup*

You can change the datebook's daily start time, and set the length of time that events are stored.

**Find the Feature**          ▭ > Tools > Datebook
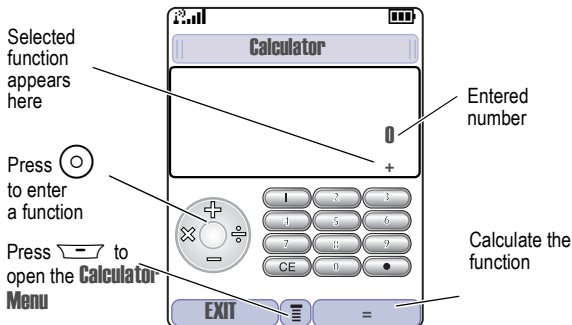                              ▭ > Setup

## *Sending an Event*

You can send pictures, sounds, bookmarks, events and phonebook entries to a connected computer. See page 71.

## *Calculator and Currency Converter*

You can use your phone as a calculator and currency converter.

**Find the Feature**          ▭ > Tools > Calculator



Selected function appears here

Entered number

Press ◉ to enter a function

Press ▭ to open the **Calculator Menu**

Calculate the function

EXIT    =

Press ⊏─⊐ to open the Calculator Menu functions:

| Function | Description |
|----------|-------------|
| **MS** | Store the displayed number in memory. |
| **MC** | Clear memory. |
| **MR** | Recall the value stored in memory. |
| **%** | Divide the displayed value by 100. |
| **Convert Currency** | Multiply the displayed value by the **Exchange Rate** you stored. |
| **Exit** | Exit the calculator. |
| **Exchange Rate** | Store an exchange rate to use with the **Convert Currency** menu option. |

# *Security*

## *Line Security*

If your phone displays **Line Not Secure** while you are on a call, your phone has detected another device monitoring the call. This message does not appear when caller ID, call cost, or other information fills the display.

## *Locking the SIM Card*

Your PIN (Personal Identification Number) code protects the information stored on your SIM card. When the SIM PIN feature is activated, you must enter your SIM card PIN code each time you turn on the phone or insert a SIM card. Contact your service provider for your SIM card PIN code.

**Find the Feature**     $\boxed{\cdot\phantom{-}}$ > **Settings** > **Security** > **SIM PIN**

| **Press** | | **To** |
|---|---|---|
| **1** | $\odot$ | scroll to **On** or **Off** |
| **2** | **SELECT** $(\boxed{\cdot})$ | switch protection on or off |
| **3** | keypad keys | enter your SIM card PIN code |
| **4** | **OK** $(\boxed{\cdot})$ | submit your code |

*Note: You can also activate your* **PIN2** *code, to protect secure applications such as Fixed Dial.*

## *Unblock the SIM Card PIN Code*

If you enter an incorrect SIM card PIN code three times in a row, your SIM card is disabled and your phone displays the message

**SIM Blocked**. You need to enter a PIN unblocking key (PUK) code, which you can obtain from your service provider.

*Note: In the following key sequence, each key press must occur within two seconds of the previous keypress.*

**Caution:** If the unblocking attempt is tried unsuccessfully 10 times, the SIM card is permanently disabled and your phone displays the message **SIM Disabled**.

| Press | To |
|---|---|
| 1　☆ ☆ ０ ５ ☆ | open the PIN unblocking editor |
| | Your phone prompts you to enter the **PIN Unblock Sequence:** |
| 2　*PUK code* + **OK** (⌒)<br>+ *new PIN code* + **OK** (⌒)<br>+ *new PIN code* + **OK** (⌒) | unblock the SIM card PIN features |

*Note: You can open the PIN2 unblocking editor by entering*
☆ ☆ ０ ５ ２ ☆. *Use the PUK2 code in place of the PUK code in the above procedure.*

## *Locking and Unlocking Applications*

You can lock many phone applications (for example, the phonebook) so that users must enter the unlock code to use them.

| Find the Feature | ▽ > **Settings** > **Security** > **Lock Application** |
|---|---|

| Press | To |
|---|---|
| 1　keypad keys | enter your four-digit unlock code |
| 2　**OK** (⌒) | open the lock applications menu |

| **Press** | | **To** |
|---|---|---|
| **3** | ⊙ | scroll to the application you want to lock or unlock |
| **4** | CHANGE (⌷) | select the application |
| **5** | ⊙ | scroll to Locked or Unlocked |
| **6** | SELECT (⌷) | select Locked or Unlocked |

# *News and Entertainment*

## *Mobile Internet*

The Web micro-browser lets you access Web pages and Web-based applications (such as online banking, shopping, and games) on your phone. Contact your service provider to set up access, if necessary.

*Note: Your phone may be configured to use a high-speed packet data network connection. This type of connection can be identified by a packet data status indicator at the top of your display. If a connected call indicator is displayed when you start a micro-browser session, your phone is using a standard voice channel connection. Your network connection charges may vary depending on the type of connection used.*

## *Starting a Mobile Internet Session*

**Find the Feature**        $\overline{\phantom{xx}}$ > WebAccess > Browser

The micro-browser displays the programmed home page.

| Press | To |
|---|---|
| 1  $\odot$ | scroll to a bookmark, service, or application |
| 2  SELECT $(\overline{\phantom{x}})$ | select the service |

**Shortcut:** If you open a text message with a Web address (URL) in it, you can go directly to the URL by selecting $\overline{\phantom{xx}}$ > Go To.

If you are unable to establish a network connection with the micro-browser, contact your service provider.

## *Interacting With Web Pages*

| Do This | To |
|---------|-----|
| Press ⊙ up or down | scroll through a page |
| Press ▭ | open the **Browser Menu** |
| Press and hold ▭ | store the current Web page as a **Web Shortcut** |
| Press ▭ [*] | lock your phone's keypad while downloading a file |

The **Browser Menu** can include the following:

| Option | Description |
|--------|-------------|
| **Home** | Goes to the current Web Sessions home page. |
| **Reload** | Reloads the current page. |
| **Go to URL** | Lets you enter a Web page address. |
| **Web Shortcuts** | Displays Web Shortcuts |
| **Store** | Lets you store the current page, or an image, phone number, or Email address from the page. |
| **Send** | Lets you send the current Web page address. |
| **History** | Displays the pages you have visited, with the most recent on top. |
| **Swap** | Lets you switch between active calls. |
| **View URL** | Displays the current URL. |

## *Web Page Security*

Your phone can provide secure Web pages connections for purchases or other transactions. Your phone uses three types of certificates to provide this security. It uses Client certificates to identify itself to Web pages. Your phone downloads Server certificates from servers and checks them against the Root certificate.

To view certificate details:

**Find the Feature**  $\boxed{-}$ > WebAccess > Browser
> Security
> *certificate type*

Your phone displays a list of the selected certificates. Select a certificate to view its details.

*Note: Client certificates include a Remove option below their details list. Select this option to remove the certificate. A letter next to the client certificate name indicates if it is stored on the phone (P) or a SIM card (C).*

## *Download Pictures and Sounds*

You can download a picture, animation, or sound from a Web page by selecting its link. A picture or animation is displayed when downloading is complete. A sound begins to play when downloading is complete.

*Note: The files that you download or receive as attachments might have a lock that keeps you from forwarding them.*

You can store these files on your phone to use them as screen saver images, wallpaper images, and alert tones.

**Storing a Picture or Animation File**

| Press | To |
|---|---|
| **1** STORE ($\overline{\cdot\phantom{.}}$) | view storage options |
| **2** ($\odot$) | scroll to **Store Only**, **Set As Wallpaper**, or **Set as Screen Saver** |
| **3** SELECT ($\overline{\cdot\phantom{.}}$) | select the option |

*Note: When you set an animation as a wallpaper image, only the first frame of the animation is displayed.*

**Storing a Sound File**

| Press | To |
|---|---|
| **1** STORE ($\overline{\cdot\phantom{.}}$) | view storage options |
| **2** ($\odot$) | scroll to **Store Only** or **Set As Ring Tone** |
| **3** SELECT ($\overline{\cdot\phantom{.}}$) | select the option |
| | If you select **Store Only**, the procedure is complete. |
| | If you select **Set As Ring Tone**, your phone displays **Set As Which?**, and lists the events for which you can set an alert. |
| **4** ($\odot$) | scroll to the event |
| **5** SELECT ($\overline{\cdot\phantom{.}}$) | store the sound and set it as the event alert |

*Note: Some ring tones vibrate automatically. If you use one of these tones, your phone vibrates even when it is not set to **Vibrate** or **Vibe&Ring**.*

## *Java Applications*

You can install and run Java applications on your phone. These applications add new features and services to your phone.

*Note: Java applications can use your phone's Assisted Global Positioning Service (AGPS) to tell where you are physically located. To turn AGPS on or off, see your User's Guide.*

## *Download an Application*

**Find the Feature**          ⌧ > WebAccess > Browser

Go to the page that contains the application, then:

| | **Press** | **To** |
|---|---|---|
| **1** | ⊙ | scroll to the application |
| **2** | SELECT (⌧) | view the application details |
| **3** | DWNLOAD (⌧) | download the application |

You may see one of the following error messages when you download a kJava application. This section describes some common problems and their solutions.

| Problem | Resolution |
|---|---|
| Insufficient Storage<br>or<br>Memory Full | You must delete another Java application before storing the file. See page 90. |

| Problem | Resolution |
|---------|-----------|
| **Application Already Exists** | The same version of this application is already installed. If an older version is installed, the message **Different Version Exists** appears, and you can update the application. |
| **Failed: Invalid File** or **Failed: File Corrupt** | The application file does not work on your phone. Contact the Web site host for details. |

*Note: Some games make your phone vibrate.*

## Launch a Java Application

**Find the Feature**　　　　　⌧ > **Games & Apps**
> *the application*

## Edit Network Connection Settings

### Entering the DNS IP Address

Your phone must be set up with a valid domain name service (DNS) IP address before you can run Java applications that require an active network connection. In many cases, your service provider has already entered this address for you. Contact your service provider to obtain the DNS IP address, if necessary.

**Find the Feature**　　　　　⌧ > **Settings** > **Java Settings**
> **DNS IP**

| **Press** | **To** |
|-----------|--------|
| **1** keypad keys | enter the DNS IP address |
| **2** OK (⌐⟞) | save the IP address |

**Approving a Network Connection**

When a Java application tries to establish a network connection, your phone prompts you to approve the connection. To automatically approve connections for Java applications:

| Find the Feature | $\searrow\!\!\!\!=\!\!/$ > Settings > Java Settings > Network Access |
|---|---|

| Press | To |
|---|---|
| 1   ⊙ | scroll to Always Ask, Ask Once Per App, or Never Ask |
| 2   SELECT ( ⁄⎯ ) | select the highlighted setting |

## *Use Control Keys*

Your phone's keys perform the following functions in a Java application.

| Key | Function |
|---|---|
| ⊙ | Move up, down, left, or right in a game. |
| ⌐₅⌐ | "Fire" your weapon in a game. |
| ✆ | End the application. |
| ✆ | Call a number in the application. |
| ⌐=⊃ | Open the Java applications menu. |

## *Analyse or Delete a Java Application*

| Find the Feature | $\searrow\!\!\!\!=\!\!/$ > Games & Apps |
|---|---|

| Press | To |
|---|---|
| 1   ⊙ | scroll to the application |

| Press | To |
|---|---|
| **2** $\boxed{-}$ | open the application manager menu |
| **3** $\odot$ | scroll to a menu option |
| **4** SELECT ($\boxed{-}$) | select the option to perform procedures as described in the following list |

The application manager menu includes the following options:

| Option | Description |
|---|---|
| **View Details** | Display the suite name, vendor, version, number of apps, flash usage, and memory requirements. |
| **Delete** | Delete the suite. |
| **Show Memory** or **Hide Memory** | Show or hide the application's memory size in the application list view. |

## *View Java Version and Available Memory*

To view Java version information, or the amount of phone memory available for Java applications:

**Find the Feature**      $\boxed{-}$ > Settings > Java Settings > Java System

| Press | To |
|---|---|
| **1** $\odot$ | scroll through information as described in the following list |
| **2** OK ($\boxed{-}$) | close the display |

| Option | Displays |
|--------|----------|
| CLDC Version | The connected limited device configuration version on your phone. |
| MIDP Version | The mobile information device profile version on your phone. |
| Data Space | Memory available for application data (such as phonebook entries or game scores). |
| Program Space | Amount of free memory available for Java applications. |
| Heap Size | Amount of runtime memory available for Java applications. |
| Flash Space | Available space for Java applications, including free memory and used memory. |

To automatically show an application's memory size in the application list view, see page 90.

## Games

You can download Java games to your phone (see page 88). If you get an incoming call, message, alarm, or alert, the game ends automatically.

*Note: Some ring tones vibrate automatically. If you use one of these tones, your phone vibrates even when it is not set to* Vibrate *or* Vibe&Ring.

To open a game that is on your phone:

**Find the Feature**　　　　　⌐▭⌐ > Games & Apps

| Press | To |
|-------|-----|
| **1** $(\odot)$ | scroll to the game of your choice |
| **2** SELECT $(\overline{\cdot\,\,})$ | start the game |

When the game is over:

| Press | To |
|-------|-----|
| BACK $(\overline{\cdot\,\,}$—left) | return to the games menu |
| **or** | |
| NO $(\overline{\cdot\,\,}$—left) | |
| NEW $(\overline{\cdot\,\,}$—right) | start another session of the game you just played |
| **or** | |
| YES $(\overline{\cdot\,\,}$—right) | |

## *SIM Applications*

You can access information and applications stored on your SIM card.

To access the available applications:

**Find the Feature** $\qquad \overline{\cdot\,\,}$ > Tools > SIM Applications

Your SIM card may contain applications that process your outgoing calls, text messages, and other events. Contact your service provider for more details.

# *Troubleshooting*

Check these questions first if you have problems with your phone:

| Question | Answer |
|----------|--------|
| **Is your battery charged? Do you see ▭ in the display?** | The battery level indicator should have at least one segment showing (▭). If it does not, recharge your battery. See your User Guide. |
| **Do you have a valid SIM card inserted in your phone?** | If necessary, turn off your phone and make sure that you have inserted a valid SIM card (see your User Guide). |
| **Does the handset have a signal? Do you see ⌂ in the display?** | The signal strength indicator should have at least one segment showing (ₐ). If it does not, move to an area with a stronger signal to use your phone. |
| **Is the earpiece volume too low?** | While on a call, press the top of the ⊙ key. |
| **Is the other party unable to hear you?** | Your phone may be muted. Press **UNMUTE** (⌇) if necessary to unmute the phone.<br><br>Also, make sure that your phone's microphone is not blocked by its carrying case or a sticker. |

| Question | Answer |
|----------|--------|
| **Has the phone been damaged, dropped, or got wet?** | Dropping your phone, getting it wet, or using a non-Motorola battery charger can damage the phone. The phone's limited warranty does not cover liquid damage or damage caused from using non-Motorola accessories. |
| **Was a non-Motorola battery charger used?** | |

The following refer to specific problems:

| Problem | Solution |
|---------|----------|
| **My phone was stolen. To whom should I report this?** | Report a stolen phone to the police and to your service provider (the company that sends you your monthly wireless service bill). |
| **I forgot my password.** | See your User Guide for information about what to do if you forget a code or password. |
| **I pressed the end/power key, but nothing happened.** | Be sure to press and hold ⌨ (the end/power key) until the display appears and you hear an audible alert (this could take a couple of seconds). If nothing happens, check that the battery is charged (see your User Guide.) |

| Problem | Solution |
|---------|----------|
| **The display says:** Insert SIM Card **or** Check SIM Card **even though I have inserted my SIM card in the phone.** | The SIM card may be incorrectly inserted. Check the SIM card to make sure that it is inserted properly (see your User Guide). <br><br> *Note: Be sure to turn your phone off and then back on after you re-insert the SIM card.* |
| **The display says:** SIM Blocked. **How do I unblock my SIM card?** | Call your service provider (the company that sends you your monthly wireless service bill) to obtain the PIN unblocking key (PUK) code. See page 81. |
| **The display says:** Enter Unlock Code. **How do I unlock my phone?** | Enter the factory-preset unlock code (1234), or the last four digits of your phone number (see your User Guide). If this fails, call your service provider (the company that sends you your monthly wireless service bill). |
| **My phone asks for an unlock code when I try to open a feature.** | The application you want is locked. If you own the phone but do not know the unlock code, see your User Guide. |
| **My phone does not ring.** | If you see ⚠ or ⊗ in the display, then the ringer is turned off. To change the ring style, see your User Guide. <br><br> Also, the ringer may be set to Silent even though your phone is set to a ring alert profile. |

| Problem | Solution |
|---------|----------|
| **My phone rings even though I selected the** Silent **(or** Vibrate**) alert profile.** | The ringer may be set to play a tone even though your phone is set to a silent alert profile. To change the ring style, see your User Guide. |
| **I tried to place a call and heard an alternating high/low tone.** | Your call did not reach the wireless system. You may have dialled the number too soon after turning the phone on. Wait until the display shows the name of your service provider before making a call. |
| **I cannot make/ answer calls.** | Make sure that you have a phone signal (see your User Guide). Avoid electrical or radio interference, and obstructions such as bridges, car parks, or tall buildings. |
| | Your phone also may have the Call Barring feature turned on. If you know the unlock code, you can change this setting in the security menu ($\sqrt{=7}$ > Settings > Security). Also, check to be sure your SIM card is installed and working. |
| **My phone has poor reception and drops calls.** | Make sure you have a phone signal (see your User Guide). Stay clear of any obstructions such as bridges, car parks, or tall buildings. |
| **The display says:** Data Calls Only. | You are in an area where the network does not support voice calls. You can only make data calls until you move to another network. |

| Problem | Solution |
|---------|----------|
| **I cannot hear others on my phone.** | While on a call, press the volume key on the left side of your phone. Your phone display should show the volume increasing.<br><br>Also, make sure that your phone's earpiece is not blocked by its carrying case. |
| **I cannot open my inbox.** | Before you can use text messages, you must set up the appropriate inbox. See page 8. |
| **How do I see the calls I sent or received?** | To see the most recent calls you dialled or received, open the "Recent Calls" lists:<br><br>⊑⫧ > Recent Calls > Received Calls<br>    **or**<br>    > Dialled Calls |
| **My phone will not dial voicemail commands, passwords, or other codes.** | Your phone sends commands and passwords as DTMF tones. You can set your phone's DTMF tones to be Long, Short, or Off. If you have trouble sending numbers, check your DTMF setting.<br><br>From the idle display, press:<br><br>⊑⫧ > Settings > Initial Setup > DTMF<br>Press ⊚ to scroll to Long or Short.<br><br>Press SELECT (⌒‾) to select it. |

| Problem | Solution |
|---------|----------|
| **What can I do to extend battery life?** | Your battery's performance is affected by charge time, feature use, temperature changes, and other factors. For tips on extending your battery life, see your User Guide. |
| **I plugged the data cable into my phone but my phone did not beep. How do I know if the data cable is ready to go?** | The beep indicates that you are set up correctly. If you did not hear a beep, make sure that both ends of the data cable are connected—the smaller end to your phone and the larger end to your computer.<br><br>Finally, your computer may have deactivated the port to save power. Try opening an application that uses the port, like a dial-up application, and your computer will automatically activate the port. |
| **My phone beeped when I attached the data cable, but my data applications don't work.** | Some wireless networks may not support data transmission. If you are roaming on an unfamiliar network, this may be the case.<br><br>Also, remember that data transmission usually requires a subscription. Call your service provider for more information. |

| Problem | Solution |
|---------|----------|
| **When sending data with the data cable, why does the computer show a connection rate of 19200 Kbps?** | 19200 Kbps is the data transfer rate of the connection between your computer and the phone in a standard CSD (Circuit Switch Data) connection. The rate of the connection between your phone and the network is displayed on your phone, and will be either 14400 or 9600 Kbps.<br><br>A GPRS connection may have a higher data transfer rate. |
| **I can't end my data call by closing the application on my computer. What can I do?** | Try pressing ⬚ on your phone. Also try disconnecting the cable or turning off the phone. If possible, always close the connection through your computer. These alternative methods may disrupt the application on your computer. |
| **I launched the micro-browser but the display says: Service Not Available.** | You may be in an area without service, or you may be connected to a network that does not support Internet access. |
| **I launched the micro-browser but the display says: Data Server Unavailable.** | Try again in a few minutes. The servers may be temporarily busy. |

# *Index*

## A

accessories
  connector ports 1
  optional 60, 68
alert
  creating 40
  reminders 39
  setting 87
animation 47
  screen saver, setting 87
  storing 86
  wallpaper, setting 87
application, locking and
       unlocking 82
appointments. *See* datebook

## B

barring calls 53
battery
  car kit charger time 62
  extending battery life 47, 99
Bluetooth 63, 66, 68
browser. *See* micro-browser

## C

calculator 79
calendar. *See* datebook

call
  alert, creating 40
  barring 53
  calling card 25
  costs 58
  timing 56
  video 20, 28
call barring 53
call cost information 58
call diverting 52
call timers 56
calling card call 25
call-light ID 24, 30
car kit
  automatic answer 60
  automatic hands free 61
  charger time 62
  power-off delay 61
computer
  connecting to phone 63, 68
conference call 51
cost trackers 58
credit information 59
customer service, calling 55
customising the menu 45

## D

data call

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