

**SONY®**

3-867-714-21 (1)

# *Mobile Telephone*

---

Operating Instructions

**GB**



*CMD-CD5*

©1999 by Sony Corporation

# Safety Precautions

---

- Do not use your phone in an aircraft, hospitals or petrol stations.
- Note that in some countries using a cellular phone without a hands-free kit while driving is not allowed.
- Do not expose your phone to extreme conditions such as high humidity/rain, high temperatures, direct sunlight, caustic/harsh chemicals or dust.
- Do not allow children to play with your phone.
- Take special care in the disposal of your battery, using a special facility where available. Do not puncture, burn, or short circuit your battery.
- Limit the distance between the mains socket and the phone when charging for easy accessibility.
- Consult your physician or the manufacturer of personal medical devices (pacemakers, hearing aids. etc.) regarding any restrictions on the use of a mobile telephone.
- Use only Sony-approved CMD-CD5 batteries and accessories with your phone.

## Warning

- Unauthorised batteries, chargers, and accessories will invalidate any approvals and warranty given for your phone and may be dangerous.
- For use in the car, please connect your GSM mobile phone to an external antenna. The external antenna can be connected to your mobile phone via the appropriate accessory, e.g. Hands-free Kit. Please contact your car manufacturer concerning the appropriate position of the external antenna on your car.

# Table of Contents

<b>Welcome to Sony CMD-CD5</b>	What's Included in Your Kit ..... 4 The Basic Features of Your Phone ..... 4 Icon Glossary ..... 6 Menu Overview ..... 7	Welcome to Sony CMD-CD5
<b>Getting Started</b>	Inserting the SIM Card ..... 8 Inserting the Battery Pack ..... 9 Charging the Battery Pack ..... 9 Switching On Your Phone ..... 10	Getting Started
<b>Basic Operation</b>	Making Calls ..... 12 Answering/Ending Calls ..... 13 During a Call ..... 14 Adjusting the Ringer/Speaker Volume ..... 14 Notepad; Microphone ..... 14 Call Hold ..... 15	Basic Operation
<b>Using the Phonebook</b>	Phonebook Organisation ..... 17 Creating Entries ..... 17 Saving Phonebook Entries ..... 20 Making Calls from the Phonebook ..... 20 Editing the Phonebook ..... 21 Voice Mail ..... 22 Phonebook Menu ..... 23	Using the Phonebook
<b>Menu Operations</b>	Menu Operations ..... 24 Divert ..... 25 Messaging ..... 27 Redial List ..... 35 Control ..... 36 Security; PIN ..... 36 Network Services ..... 41 Call Waiting ..... 42 Time, Cost ..... 43 Preferences ..... 45 Tools ..... 50	Menu Operations
<b>Appendix</b>	Alert Tones ..... 56 Troubleshooting ..... 56 GSM Control Codes ..... 58 Technical Specifications; Licensing ..... 60 Index ..... 61	Appendix

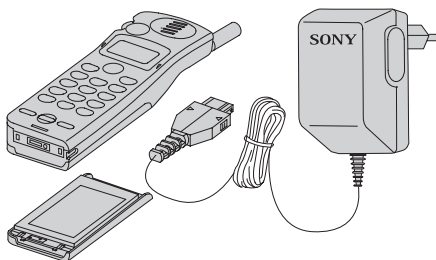
# Welcome to Sony CMD-CD5

Welcome to the Sony CMD-CD5 designed for use in the worldwide network of GSM (Global System for Mobile Communications). Your phone is fully equipped with the revolutionary Jog Dial and a visual menu for easy access and navigation - with only one hand!

## What's Included in Your Kit

The kit should include following:

- One Mobile Phone
- One Lithium Ion Battery
- One Charger
- This manual






If one of these parts is missing, please contact your retail dealer immediately.


## The Basic Features of Your Phone

### The Jog Dial



The Jog Dial provides **One-handed Operation** navigated by your left hand, freeing your right hand for other activity like taking notes, etc. Give the Jog Dial a quick turn in either direction in standby mode to spin through the main menu options. With one simple press of the Jog Dial in standby mode (the Network Operator name appears on the display), the Phonebook is at your fingertips. Press and hold the Jog Dial (for more than one second) to call a Phonebook selection or number on the display.



Operation		Function
Rotate		Scrolls through menu options
Press (Click)		Selects an option (highlighted) in the display Accepts an entry made by alphanumeric keys
Press and Hold		Dials the phone number selected Exits from one menu to the previous menu

## The Menu Key



In standby mode, press  and then use the Jog Dial to spin through the Main Menu with options to change your phone settings and access different features. See also Menu Operations.



## The Manner Key








Press  1x = turn the ringer and all tones to silent mode 

Press  2x = ringer is restricted to a discrete single beep 


Press  3x = Vibra Alert without the ringer 

Press  4x = Vibra Alert and ringer simultaneously 







Press  5x = Vibra Alert and single beep ringer 

To turn the ringer on again , simply press  again. For your convenience, pressing  in standby mode will toggle between the two last settings. However when the phone is ringing, pressing  once will always turn the ringer and all tones to silent mode. During a call you can also press  once to mute the microphone; press  again to turn on the microphone. For your reference, the options you activated using  are indicated by an icon in the display. See also Icon Glossary.

## The Voice Mail Key

To speed dial your Voice Mail, press and hold  to automatically dial your “personal answering service” to listen to messages, etc. See also Phonebook, Voice Mail.






















## The Keypad Lock

Your phone can be locked to avoid involuntary dialling or menu scrolling especially when carrying your mobile phone. From standby mode, simply press  followed by  to lock the keypad and even the Jog Dial restricting any activity EXCEPT emergency calls (112). It is still possible to answer an incoming call  and even reject an incoming call by pressing  when the keypad is locked. Simply repeat the key combination  then  in order to unlock your phone again.

# Icon Glossary

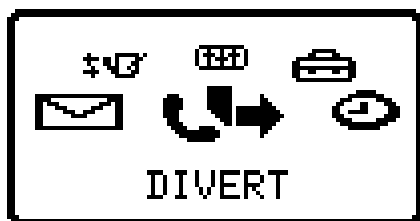
---

Your phone lets you see at a glance if you have missed calls, have messages waiting, and the status of options you have selected (like if you have diverted your phone or turned the ringer off). Sony has developed the following icons to provide you with a quick overview of your mobile activity:

Icon	Explanation
	Keypad locked
	SMS Message waiting (flashing = message storage full)
	Voice Mail Notification
	Battery strength (flashing = battery level low)
	Network Signal strength
	Network not available (no calls possible)
	Active call
	Incoming call
	Option activated
	Option deactivated
	Missed calls
	Divert option activated
	Vibra Alert activated
	Vibra Alert + Ringer activated
	Vibra Alert + Single Beep activated
	Ringer switched to volume 0
	Ringer and all tones switched to Silent Mode (off)
	Ringer switched to Single Beep
	Ringer Volume choices
	Speaker Volume
	Microphone Mute

# Menu Overview

Rotate the Jog Dial or press the Menu key from standby mode to access the main menu:



<b>DIVERT</b>	<b>MESSAGING</b>	<b>REDIAL LIST</b>	<b>CONTROL</b>	<b>PRE-FERENCES</b>	<b>TOOLS</b>
<b>(page 25)</b>	<b>(page 27)</b>	<b>(page 35)</b>	<b>(page 36)</b>	<b>(page 45)</b>	<b>(page 50)</b>
If Not Reachable	Read	Last Calls	Security	Caller ID	Clock
If No Reply	Create	Received Calls	Network Services	Select Line*	Calculator
If Busy	Service Centre	Missed Calls	Time, Cost	Language	Calendar
All Calls	Settings	Clear All		Ringer Volume	Data Services
All Fax	Local Area Info			Ringer Tone	
All Data				1 Minute Beep	
Clear All				Key Click Sound	
				DTMF Tones	
				Illumination	
				Auto Redial	
				Auto Answer	
				Any Key Answer	
				Welcome Message	
				Factory Reset	

\* Network-dependant

# Getting Started

---

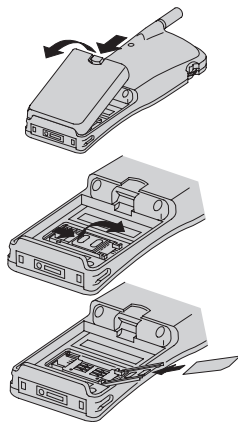
## Inserting the SIM Card

Your SIM Card contains a computer chip with your service details and phone number. Like a credit card, it should be kept securely and handled carefully. Do not bend, scratch or expose to moisture; avoid static electricity.

### Important

To avoid corrupting the memory of the SIM Card, always switch off your phone before removing or inserting your SIM Card.

- 1 Remove the Battery Pack.
- 2 Orient the SIM Card with the gold contacts facing up and the angled corner to the lower right (as shown).
- 3 Slide the SIM Card holder to the right to unlock and lift up the tray. Slide the SIM Card into the tray. Close the tray with the SIM Card inserted and slide the SIM Card holder to the left to lock.
- 4 Replace the battery pack.



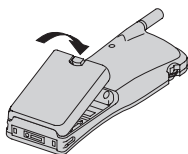
### To remove the SIM Card

Follow steps 1 to 4 above, removing the SIM Card from the tray in step 3.



## Inserting the Battery Pack

- 1 Unwrap the Battery Pack.
- 2 Press the Battery Pack firmly into place and check that it snaps closed.



### To remove the Battery Pack

First power off and wait until the display goes blank. Press the Battery Release Switch down and remove the battery.

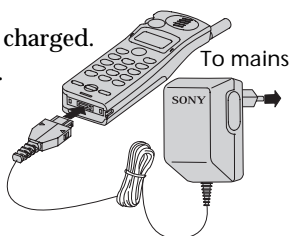
#### Warning


If the battery is removed from the phone for approx. 10 minutes, the clock will be reset.

## Charging the Battery Pack

As supplied, your battery pack will not be fully charged.

- 1 Plug the Charger into a mains socket.
- 2 Plug the Charger into the bottom (jack) of your phone.



 The status bar in the battery icon on the display indicates the charging status. Charging (0 °C - 45 °C) is complete when the battery icon indicates all bars. Full charging can take up to approximately 3 hours, but may vary depending on certain conditions e.g. if your phone is switched on, temperature is outside the operating range. As an energy-saving measure, disconnect the charger from the mains socket and from the phone after charging.

#### Important


Use only the Sony-specified CMD-CD5 battery pack and charger. Your battery is equipped with short circuit protection. If you shorten your battery accidentally, charge the battery shortly to unlock the short circuit protection.

### Usage Time


When your battery pack is weak, the battery icon in the display flashes and there is a beep indicating that only approximately one minute of talk-time is left.

# Switching On your Phone

---

To switch your phone on/off, press and hold .

## Entering PIN

For security reasons, your SIM Card is protected with a Personal Identification Number (PIN), which is supplied with your SIM Card. Enter your PIN using the number keys (the PIN appears in code as \*\*\*\*) and press the Jog Dial (or ) to confirm your entry.



If you do not enter a PIN code, your phone will automatically switch off after approximately 2 minutes. It is possible but not recommendable to disable the PIN code prompt (see Menu Operations, Control).

### Warning

You only have 3 attempts to enter the correct PIN. After the third attempt, your SIM is blocked and you must enter your PUK code (Personal Unblocking Key), see also “Troubleshooting”.

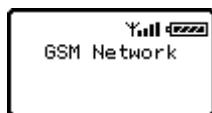
## Emergency Calls

Emergency calls (112, etc.) are possible when you have network coverage even if there is no SIM card in the phone (and even if the keypad is locked or PIN has not been entered). The support of this feature depends on the network operator.

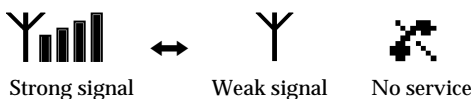
# Connecting to the Network

After successfully entering your PIN code, your phone searches for an available GSM network. The network search is automatic, but may take a few seconds (see also “Menu Operations, Control”).

You are ready to make and receive calls when the Network Operator’s name appears on the display.



The following indicates the strength of the received network signal. If the signal is very weak, there is a risk of losing service.



## If you cannot obtain Service

One reason for failure to obtain network service is that the reception strength may be too weak. Try moving to a higher elevation, to a window or open space. Make certain that there is nothing obstructing the antenna.









## Roaming

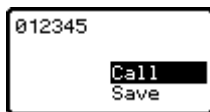
If you are out of range of your “Home” Network Operator, especially when abroad, another Network Operator may be selected automatically, subject to signal strength and roaming agreements between Network Operators. Contact your Network Operator/Service Provider for details.

# Basic Operation

## Making Calls

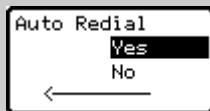
The Operator's name must appear in the display and the keypad must be unlocked in order to make a call (except emergency calls).

-  1 Dial the complete number of the party you want to call (including the area code even when dialling locally).
-  2 Press  to correct any errors. Press and hold  (or press ) to clear the entire number.
-  3 Press and hold the Jog Dial (or press ) to call the number displayed.  
or
-  4 Press the Jog Dial to save the number to the Phonebook.





### Tip

- If the Auto Redial option is on (see page 49) and the number you have called is engaged, your phone automatically displays the Auto Redial option to call the number repeatedly at progressive intervals until the number is no longer busy. However, if there is an incoming call, the Auto Redial option will be cancelled.




## International Calls

Each country has an individual international access code for dialling abroad.

-  1 Press and hold the 0 key until “+ “ appears.
-  2 Enter the country code, followed by the area code and the number.






## Answering/Ending Calls



Incoming calls are indicated by a ringing tone as well as the incoming call indicator icon on the display. Press the Jog Dial (or ) to accept the call.

If the caller is using the Caller ID feature, the caller's name appears on the display if the number is saved in the called person's Phonebook. Only the number appears on the display even if the number is not saved in the Phonebook.


### Tip

- If the keypad is locked when you receive an incoming call, just press the Jog Dial (or Send Key) to accept the call. After the call ends, the keypad will lock again automatically.



If you do not wish to answer the call, press  while the phone is ringing. The call will be rejected (the caller will hear a busy tone or will be diverted if a divert has been set). If you do not answer the call,  will appear on the display in standby mode. Press  in Standby mode or select the Redial List from the Main Menu for information about the missed call. Press  or  to remove the icon.

If you would like to turn the ringer off during an incoming call, just press  once. Press  once more to turn the ringer on again.

### Ending Calls

Press  to end a phone call.


### Note

If you have a call waiting, press  to end the current call and then accept the Call Waiting (see also Network Services, Call Waiting) by pressing .

# During a Call


---

## Adjusting the Ringer/Speaker Volume

When an incoming call is ringing, you can rotate the Jog Dial to adjust the ringer volume. During a call, rotate the Jog Dial to adjust the speaker volume. Rotate up to increase the volume and down to decrease the volume. To turn the ringer to silent mode, press  once.





## Notepad

During a call, use your phone as a notepad to enter a phone number. If you make a second call simultaneously, the active call is put on hold (see also “Call Hold”). Even when the call has ended, the number you entered will reappear on the display. Press the Jog Dial for the option to save the number in the Phonebook or simply press and hold the Jog Dial (or ) to call the number.



## Microphone



To mute the microphone during a call, simply press  once. Press  again to turn on the microphone (see also Call Hold).

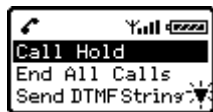


## Call Hold


Call Hold allows you to manage two calls at the same time. For example, if you are speaking to someone on your CMD-CD5 and you want to make another call, you can put the current or active call on hold in order to call someone else. Check with your Network Operator/Service Provider for details about this service.

### One active call


- 1 Press  and select Call Hold.
- 2 Press the Jog Dial to confirm your selection.
- 3 Press the Jog Dial again to access the Phonebook to retrieve a number or use the keypad to enter a number.
- 4 Press and hold the Jog Dial or  to make a call.



### Tip

- You can also put a call on hold automatically. Simply use the Notepad and make a second call; or just press .


### End All Calls

Choose End All Calls or simply press  at any time to end both the active call and the call on hold.

### Send DTMF String

Choose this option during a call to send DTMF tones (e.g. from a Phonebook entry) which are tones designed to respond to menu prompts e.g. in your voice mail or other services.


### Mic Off/Mic On

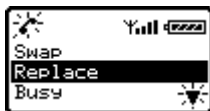
Choose the Mic Off/Mic On option to mute and unmute the microphone. You can also press  at any time during a call to mute/unmute the microphone.

## During a Call (Continued)

### One active call (or one call on hold) and one call waiting

When your phone alerts you (beep) that a call is waiting, there are several options available.

- 1 The display automatically offers you call waiting options.
- 2 Select Swap to put the active call on hold and connect the waiting call.  
or  
Press  and select one of the following options:



**Swap** to alternate between the active call and the call on hold.

**Replace** to end the active call and retrieve the call waiting.

**Busy** to indicate to the calling party that your line is engaged.

**End All Calls** to end all established calls and accept the call waiting.

**Mic Off/Mic On** to mute/unmute the microphone.

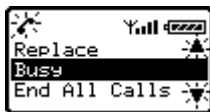
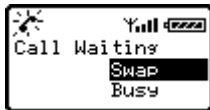
### Note

In step 1 select Busy to indicate to the calling party that your line is engaged.

### One active call, one call on hold and one call waiting

If you already have two calls (one active and one on hold) and you receive another call (call waiting), proceed as follows:

- 1 The display automatically offers you call waiting options.
- 2 Select Busy to indicate to the calling party that your line is engaged.  
or  
Select Replace from the menu for the options: Replace, Busy, End All Calls, Mic On/Mic Off.





# Phonebook

## Phonebook Organisation









Your Phonebook is organised in the following sections:

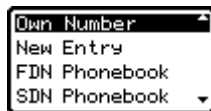
- **Voice Mail**
- **Customized Phonebook** of priority entries (entries 1-9)
- **Alphabetically-ordered Phonebook** (standard entries sorted in alphabetical order)
- **Phonebook Menu** with the following options:
  - Own Number**  
Creating a **New Entry** in the alphabetically-ordered Phonebook
  - FDN Phonebook** (Fixed Dialling Numbers) access
  - SDN Phonebook** (Service Dialling Numbers) access
  - Copy All** option to copy all entries
  - Delete All** option to delete all entries

### Note

The FDN Phonebook and SDN Phonebook are SIM Card dependant. The SDN Phonebook cannot be modified. Contact your Network Operator or Service Provider for details.

## Creating Entries in the Phonebook

-  1 Press the Jog Dial in standby mode to open the Phonebook.
-  2 Rotate the Jog Dial up to select Phonebook Menu.
-  3 Press the Jog Dial to select "New Entry".
- 4 Choose SIM to save the entry to the SIM Card memory or Phone to save to the phone memory. Press the Jog Dial to confirm.
-  5 Enter the phone number. Press the Jog Dial to confirm.
-  6 Enter the Name. Press the Jog Dial to confirm.
-  7 Press  (or  ) or wait for a moment to return to the Phonebook again.



## Entering Characters in the Phonebook

The Jog Dial provides a quick alternative to standard character entry. Simply press a key once and then rotate the Jog Dial to move the cursor to the desired character on the preview bar. Press the Jog Dial or wait for a moment to confirm. However, standard character entry is still possible if you prefer: press the corresponding alphanumeric key several times until the character appears.

### Character Table

Key	Upper Case Characters	Lower Case Characters	Numeric
1	.-,?!¿¡:;” 1	.-,?!¿¡:;” 1	1
2	ABC Ä Å Æ 2	abc ä å æ ç 2	2
3	DEF É Æ Ø 3	def è é 3	3
4	GHI Γ 4	ghi 4	4
5	JKL Λ 5	jkl 5	5
6	MNO Ñ Ö Ø Ω 6	mno ñ ö ø ò 6	6
7	PQRS Π Ψ Σ 7	pqr sβ 7	7
8	TUV Ü Ø 8	tuv ü ù 8	8
9	WXYZ Ξ 9	wxyz 9	9
	SHIFT	SHIFT	SHIFT
0	space + - = < > ⌘ ( ) £ \$ ¥ @ % & 0		
#	SYMBOL PAGE	SYMBOL PAGE	


### Tip

- Press and hold to shift to T9 mode for easy text entry (see also Messaging, T9 Easy Text Entry Method).

---

**Example:**

To enter "S"

Press  → Rotate the Jog Dial to "S" → Press the Jog Dial (or wait for a moment)

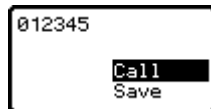
**Note**

Phonebook memory size (number of memory spaces and maximum number of letters and digits) depends on your SIM card, however, names longer than 16 characters cannot be fully displayed.

## Saving Phonebook Entries from Standby Mode





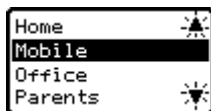
- 1 Enter the phone number.
- 2 Press the Jog Dial for the option to call or to save the number.
- 3 Rotate the Jog Dial to select Save.
- 4 Press the Jog Dial to confirm your selection.
- 5 Choose SIM to save the entry to the SIM Card memory or Phone to save to the phone memory. Press the Jog Dial to confirm.




## Making Calls from the Phonebook



- 1 Press the Jog Dial in standby mode to open the Phonebook.
- 2 Rotate the Jog Dial to select the number you would like to dial.
- 3 Press the Jog Dial to display the phone number or press and hold the Jog Dial (or press ) to make the call.
- 4 Press  to end the call.







### Tip

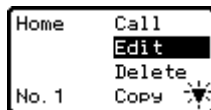
- To search in the Phonebook, press an alphanumeric key on the keypad to advance to that letter in the Phonebook. E.g. to advance to entries beginning with "M", press .

## Editing the Phonebook


The Jog Dial and the Phonebook make it easy to keep all your contacts up to date and for flexibility in customizing the names and numbers.

Following the steps below you can call, edit, delete or copy entries. You can even set a special ringing tone for a selected entry so that you can distinguish among callers!

-  1 Press the Jog Dial in standby mode to open the Phonebook.
-  2 Rotate the Jog Dial to select a Phonebook entry.
-  3 Press the Jog Dial to see the name and number.
-  4 Press the Jog Dial for a menu of editing options.



- Select **Call** to call the number
- Select **Edit** to change the name or the number
- Select **Delete** to erase the name and number from the Phonebook
- Select **Copy** to copy the entry from one memory location to another
- Select **Ringer ID** to choose a special ringer tone when you receive calls from that number.



-  5 Press the Jog Dial to confirm the selection.

### Note

Ringer ID is only applicable if the network and the caller provide Caller ID (Call Line Identification). If the Caller ID option is not available, calls will ring with the default ringer setting (see also Menu Operations, Preferences).

The Ringer ID option is not possible for FDN, SDN, Voice Mail or Own Number entries.

### Voice Mail


The first entry in the Phonebook is reserved for your Voice Mail number. Like other Phonebook entries, you can save and edit your Voice Mail number here. For your convenience, there is also quick access to your Voice Mail via  - just press and hold  to dial your Voice Mail without even opening the Phonebook!

#### To set up your Voice Mail



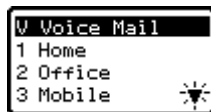
- 1 Press the Jog Dial to select Voice Mail in the Phonebook or



- Press and hold 
- 2 Enter the number at the prompt.




- 3 Press the Jog Dial to confirm your entry.



#### Tip

- After you have set up your Voice Mail, any editing of the number can be made via the Phonebook (see also *Editing the Phonebook*).

Now that your Voice Mail is set up, you can use it as an answering machine by “diverting” or forwarding calls to your Voice Mail number. Follow the instructions in Menu Operations-Divert, or contact your Network Operator/Service Provider for details.

The Voice Mail icon (or the envelope icon depending on the network) appears in the display to inform you when you have new voice messages waiting. Contact your Network Operator/Service Provider for details. To listen to your messages, just press and hold  to call your Voice Mail!











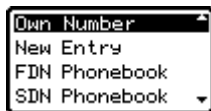
## Phonebook Menu

### Own Number

For your reference, the first entry in the Phonebook Menu is a place holder for your Own Number where you can make one or more entries (depending on your SIM Card) to note down your own mobile number, etc. in case you forget them!

### To display Own Numbers

-  1 Press the Jog Dial to open the Phonebook.
-  2 Rotate the Jog Dial up to the last Phonebook section called Phonebook Menu and press the Jog Dial.
-  3 Press the Jog Dial to select Own Number.
-  4 Select the name of the number to display.
-  5 Press the Jog Dial to display the number.
-  6 Press  (or ) to exit.



### Note

To save an Own Number entry, select a memory space using the Jog Dial. Press the Jog Dial and enter the number at the prompt.

### New Entry

Select “New Entry” to add an entry to the alphabetically-ordered Phonebook Section.

### FDN Phonebook

This section of the Phonebook may contain Fixed Dialling Numbers (SIM Card dependant). To add an entry to the FDN Phonebook, rotate the Jog Dial up to “New Entry” in the FDN Phonebook and proceed as in “Creating Entries in the Phonebook”.

### SDN Phonebook

This section of the Phonebook may contain Service Dialling Numbers (SIM Card dependant). Service Dialling Numbers cannot be edited.

### Copy All

Choose Copy All from the Phonebook Menu to copy all Phonebook entries from your phone to your SIM card or vice versa.

### Delete All

Choose Delete All from the Phonebook Menu to delete all Phonebook entries from your SIM card or your phone.

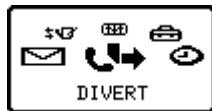
# Menu Operations

The menu system provides you with an easy overview of your options grouped into separate menu points. An icon represents each menu point for easy recognition and the icons rotate as you scroll using the Jog Dial. Some menu options are network dependant. Please contact your Network Operator/Service Provider for information about which options are available in your network.

## Selecting a Menu Item with the Jog Dial



- 1 Quickly rotate the Jog Dial (or press the Menu key) to select the main menu from standby mode and continue rotating the Jog Dial for the main menu options to revolve.



- 2 Press the Jog Dial to select the menu option in the center.



- 3 Press ( or )) to exit a menu.



Press and hold the Jog Dial while in a menu to return in steps back to standby mode.

### Note

Your phone will automatically default to standby mode after 2 minutes of inactivity.

### Tip



*indicates that an option is on.*



*indicates that an option is off.*



*indicates that an option is not set.*

### Tip



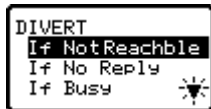
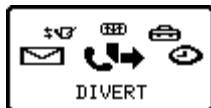
*select this arrow at the end of a menu and press the Jog Dial to easily return one step back in a menu.*





## Divert

Choose Divert, also known as “Call Forwarding”, from the main menu to forward incoming calls to another telephone number depending on certain conditions in which you do not answer the call e.g. divert to your Voice Mail if you are not reachable. You may need to register for this service with your Network Operator/Service Provider.



### If Not Reachable

Diverts incoming calls when your phone is switched off or out of network coverage.

### If No Reply

Diverts incoming calls if you do not answer the call after a certain period of time.

### If Busy

Diverts incoming calls when you are on the phone (line engaged).

### All Calls

Diverts all calls unconditionally (the phone will not even ring).

### All Fax

Diverts all fax calls.


### All Data

Diverts all data calls.

### Clear all

Clears all active diversets.

#### Note

 appears in Standby Mode if a divert is set.



IF NOT REACHABLE → IF NO REPLY  
... ← ALL CALLS ← IF BUSY

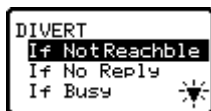
## Setting a Divert



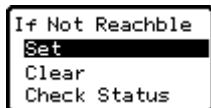
1 Select the Divert menu icon from the main menu.



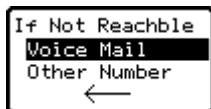
2 Select a Divert option using the Jog Dial (e.g. IfNotReachable).



3 Select Set to set the chosen divert condition.



4 Select Voice Mail to divert calls to your Voice Mail or Other to choose a number from the Phonebook. You can also enter the number manually using the keypad.



5 Wait for confirmation from the network.

In step 3, you also have the option to clear or check the divert status. Select “Clear” to cancel the divert; then wait for the Network response. Select the option “Check Status” to check the divert settings. Wait for the network response and then you can view the current status on the display.

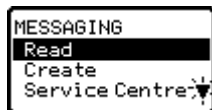
### Note

If the returned response is “Unsuccessful”, the network was unable to set, clear or check the selected Divert.




## Messaging

Choose Messaging from the main menu for correspondence options to create, send and read short messages (SMS). You can use short messages to send another mobile phone user a text message. The Jog Dial makes it easy to enter characters using the preview bar together with the keypad.



### Read Messages

You will hear a beep which sounds different from the single beep of the ringer and see the message icon  when a new message arrives. Short Messages can be received in standby mode or during a phone call.



- 1 Select Read Messages from the Messaging menu.



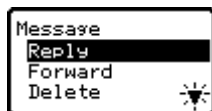
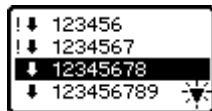
- 2 Scroll through the list of messages to select the message you want to read. The message appears on the display.




- 3 Scroll to read the message if necessary.



- 4 Press the Jog Dial for options to Reply, Forward, Delete, or Call Back the number in the text.



#### Note

The capacity for storing incoming and outgoing messages depends on your SIM card. The message memory is full when the envelope icon  blinks in the display. If you try to save a message when the SIM memory is full "Message Storage Full" appears and you cannot save the message. Delete old messages in order to free memory space for new messages.



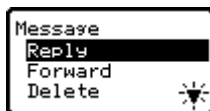
## SMS List Icons indicate the properties of the message

- ↓ : received message (unread)
- ⇅ : received message (read)
- ↑ : created message (stored in the SIM)
- ! : this incoming message is only stored in the phone's memory, not in the SIM memory and will be deleted if you switch off the phone. If you want to save this message, see below. Also refer to page 33: "Memory Class".
- ☐ : status report
- 📞 : Voice Mail message

### To Reply to or Edit a message



- 1 Follow steps 1-4 in Viewing Messages.



- 2 Select Reply and press the Jog Dial to confirm your selection. The message you are replying to appears on the display (scroll to view).



- 3 Edit the message and press the Jog Dial.



- 4 Select Send (or Save, Cancel) and press the Jog Dial to confirm your selection.

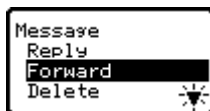
### To Forward a message



- 1 Follow steps 1-4 in Viewing Messages.



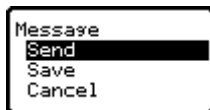
- 2 Select Forward and press the Jog Dial to confirm your selection. The message you are forwarding appears on the display.



- 3 Press the Jog Dial.



- 4 Enter the phone number to which you want to send the message (if necessary) and press the Jog Dial. You can also choose a number from the Phonebook.



- 5 Select Send (or Save, Cancel) and press the Jog Dial to confirm your selection.



## To Delete a message

- 1 Follow steps 1-4 in Viewing Messages.
- 2 Select Delete and press the Jog Dial to confirm your selection.
- 3 Select No to return to step 1 or select Yes to reconfirm that you want to delete the message.
- 4 Press the Jog Dial to confirm your selection.





## To call back the sender of a message or a number in the message text

- 1 Follow steps 1-4 in Viewing Messages.
- 2 Select Call Back and press the Jog Dial to confirm your selection. The sender's number appears on the display (or up to three of the numbers appearing in the message).
- 3 Press the Jog Dial.
- 4 Select Call Back to call the number.



### Tip

- To save the sender's phone number, select save in step 4 and enter the name at the prompt. The number will be saved to the Phonebook. If you want to cancel the call, press  or  in step 4 to return to standby mode.



## Create Messages

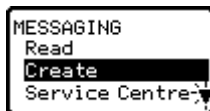
You can create a new message, edit your last message or use one of the five (5) pre-defined messages which can also be edited.



- 1 Select Create from the Messaging menu.



- 2 Select an option to create a new message and press the Jog Dial to confirm your selection.



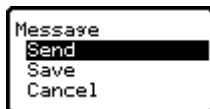
- 3 Create your message and, when finished, press the Jog Dial. See also the Character Table in the chapter Phonebook, Entering Characters in the Phonebook or T9 Easy Text Entry Method on the next page .



- 4 Enter the number to which you want to send the message using the keypad and press the Jog Dial to confirm.



- 5 Select Send, Save or Cancel and press the Jog Dial to confirm your selection.



### Tip

- Press the Jog Dial in step 4 to access the Phonebook and retrieve a number instead of typing it in manually. You can add a number from the Phonebook anywhere in a message. Just press (100) and use the Jog Dial to scroll to the Phonebook icon on the preview bar. Press the Jog Dial to access the Phonebook and retrieve the number. Press the Jog Dial to confirm your selection.
- If you are interrupted (e.g. incoming call) while creating a message, select Last Message to retrieve the message and complete it continuing from step 3 above.



## Create Messages with T9 Easy Text Entry Method

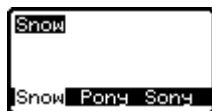
In addition to the standard method of entering text messages in which you press a key a certain number of times until the desired letter appears, Sony has equipped your phone with an additional feature called T9. T9 and the Jog Dial make writing messages quicker and easier. Just type a word by tapping each key once per letter. After you have finished typing to the end of the word, T9 gives you several words to select from in the preview bar based on the key combination you entered.

### Making a sample entry with T9

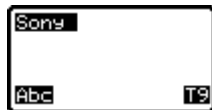
- 1 Proceed as in Create Messages.
- 2 In step 3, press and hold to switch to T9 mode if **T9** does not appear.



- 3 Press to shift to **Abc**.
- 4 To type the word “Sony”, press each of the following keys in order: , , , .



- 5 At the end of the word, check the preview bar for the possibilities found for the key combination you typed.



- 6 Rotate the Jog Dial to select “Sony”. If your desired word is first on the list, just press the Jog Dial to select it.

### Tip

- Press to shift among: **abc** lower case letters permanently; **Abc** an upper case letter and then revert back to lower case; **123** numbers; or **ABC** upper case letters permanently.

### Note

If the word you intended to type does not appear in the list, press and hold to switch to multi-tap mode and type the word using the standard text entry method. Once you have finished, press and hold to return to T9 mode. This new word will automatically be added to the T9 memory so that next time you type the word it will appear in T9 mode.



## To add a symbol or punctuation



1 Press **#**.



2 Use the Jog Dial to scroll from row to row.



3 Press the Jog Dial to select a row.



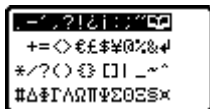
4 Rotate the Jog Dial to scroll within the row.



5 Press the Jog Dial to select a symbol.



6 Press **C** to return to the previous screen or End to return to the text entry screen.



### Tip

- For “Smart Punctuation”, just press **(1∞)** where you would add a fullstop, hyphen or apostrophe and T9 will automatically insert the most likely punctuation symbol. You just keep on typing and T9 will punctuate for you!





## Service Centre

Before you can send short messages, you must register your Service Centre number via the Service Centre option in the Messaging menu. Contact your Network Operator/Service Provider for details.



1 Select Service Centre from the Messaging menu.



2 Enter your Service Centre number manually or press the Jog Dial to retrieve the number from the Phonebook.



3 Press the Jog Dial to confirm the number.

### Note

If a Service Centre number has already been setup, the current Service Centre number appears in step 2 and you can edit the number if you want.

## Settings

Settings allows you to customize outgoing messages including the format, confirmation report, etc. Some of these options may be network-dependant. Contact your Network Operator/Service Provider for details.

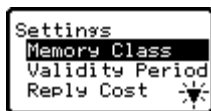


1 Select Settings from the Messaging menu.



2 Select a Settings option.

3 Press the Jog Dial to confirm your selection.



### Memory Class

You have the following options:

**SIM** to save the message on the recipient's SIM Card.

**Phone** to save the message in the recipient's phone

**Screen** to display the message directly on the recipient's display without saving to the SIM or the phone. It is not recommended to send confidential messages using the Screen option.



## Validity Period

You can specify how long messages are stored in the service centre by selecting: 1 hour, 6 hours, 24 hours, 1 week, 4 weeks. The default Validity Period is 24 hours.

## Reply Cost

Choose Reply Cost and select On if you would like to pay for the recipient to respond to your message.

## Result Report

Choose Result Report and select On if you would like to receive confirmation that your messages are transmitted to the recipient successfully.

## Message Format

Choose Message Format if you would like to specify how your message is transmitted: SMS, email, Fax, Telex, Voice (if available). The default setting is SMS.

## Local Area Info

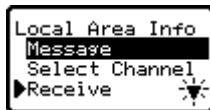
Local Area Info allows you to receive Cell Broadcast messages or general messages like weather reports, traffic reports, etc. broadcast to a group of phones in a certain area. Some of these options may be network-dependant. Contact your Network Operator/Service Provider for details.



- 1 Select Local Area Info from the Messaging menu.



- 2 Select one of the following options:  
**Message** to view cell broadcast messages  
**Select Channel** to add or delete a broadcast channel  
**Receive** to choose whether or not to receive cell broadcast messages  
**Auto Display** to choose whether or not to automatically display an incoming message



- 3 Press the Jog Dial to confirm your selection.



LAST CALLS → RECEIVED CALLS

← MISSED CALLS

## Redial List

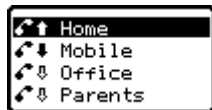
The Redial List provides a record and quick access of up to 10 of the last incoming calls, 10 missed calls as well as up to 10 of the last outgoing calls (may vary depending on your Network Operator/Service Provider). If the call is from someone in your Phonebook, you can see the name of the caller in the Redial List.



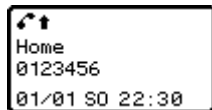
- 1 From standby mode select the Redial List icon from the main menu or simply press the Send key in standby mode.



- 2 Scroll up or down using the Jog Dial to highlight the desired number or name from the list.



- 3 If only a name is displayed, press the Jog Dial to check the phone number as well as the date and time of the call. Press the Jog Dial again to copy the number to the Notepad to save the number (see also Basic Operation, Notepad).



- 4 Press and hold the Jog Dial if the number is correct to initiate the call.

### Tip

- ↑ *Outgoing call*
- ↓ *Incoming call*
- ⇩ *Missed call*

### Note

Support of the Redial List entries requires Caller ID (Caller Line Identification). When the Redial List reaches its capacity, the oldest number is deleted automatically to provide space for the newest entry.



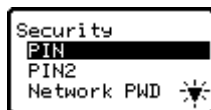
## Control

Choose Control from the main menu for a control panel to set features including security options (like your password), network services and call charge options.



## Security

The Security options allow you to control who uses your phone as well as their calling privileges. However, emergency calls (SOS) are always possible regardless of the restrictions/codes you set.



### PIN

Your Network Operator/Service Provider provides a PIN number with your SIM card. The PIN Menu offers you the possibility to change your PIN code or to enable/disable the PIN code prompt.

### Important

You have three attempts to enter the correct PIN code. If the third try fails, your PIN is blocked and you must enter your PUK (Personal Unblocking Key) also provided with your SIM card. You have ten attempts to enter the PUK code correctly. After the tenth wrong entry, your SIM card is completely blocked and you must contact your Network Operator/Service Provider.



## Enabling/Disabling the PIN Code

When the PIN code is enabled, your phone prompts you to enter the PIN code each time you turn on the phone.



- 1 Select PIN in the Security Menu and press the Jog Dial to confirm your choice.
- 2 Select On/Off to enable/disable the PIN code.
- 3 Enter the PIN code and press the Jog Dial to confirm.




- 4 The PIN is enabled/disabled.

## Changing the PIN Code

You can change your PIN code to any 4-8 digit number. Your PIN code can only be changed if the PIN Control is switched on.



- 1 Select PIN in the Security Menu.
- 2 Select On.
- 3 Enter the old PIN code at the prompt and press the Jog Dial (or ) to confirm your entry.



- 4 Enter your new PIN code (4-8 digits) and press the Jog Dial to confirm.



- 5 Repeat the new PIN entry for verification and press the Jog Dial to confirm. If successfully verified, the new PIN is effective immediately.

### Note

If the PIN code is disabled, the risk of unauthorised use of your phone is greater. The disabling of the PIN control is SIM card dependent. Contact your Network Operator/Service Provider for details.



## PIN2

PIN2 is a code provided by your Network Operator/Service Provider and is required for access to some features such as FDN Phonebook or Call Costs. These features are not supported by all networks. Contact your Network Provider/Service Provider for details.

### Changing PIN2



- 1 Select PIN2 in the Security Menu.
- 2 Proceed as in “Changing the PIN code”.

## Network Password

Some of the restrictions in the Security Menu are controlled in the network e.g. Call Barring. Your Network Operator/Service Provider provides a (Network) Password if you register for one or more of these network call restrictions (Call Barring).

### Changing the Network Password



- 1 Select Network PWD in the Security menu
- 2 Proceed as in “Changing the PIN Code”.

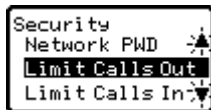
### Note

If the message “Unsuccessful” appears, the old code you entered was incorrect. If you have difficulties, please contact your Network Operator/Service Provider.



## Limit Calls Out

Choose Limit Calls Out from the Security menu to bar calls made from your phone. This feature can be especially useful e.g. if you lend your phone to someone else but do not want them to make international calls. The restrictions in the Limit Calls Out menu require the Network Password; contact your Network Operator/Service Provider for details.



### All Calls

Restricts all outgoing calls except emergency calls (112).

### International

Restricts all international calls.

### Int'l Ex. Home

Restricts all outgoing international calls except those to your home country.

## To set a Limit Calls Out feature:

- 1 Select Limit Calls Out from the Security menu.
- 2 Select the restriction you want to set.
- 3 Select Set using the Jog Dial.
- 4 Enter your Network Password at the prompt.
- 5 Confirm your selection.
- 6 Wait for the network response to appear on the display.

## Note

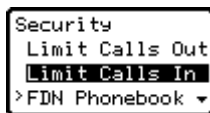
In step 3, you also have the option to clear or check the status of the restriction option. Select “Clear” to cancel the restriction; then wait for the Network response. Select the option “Check Status” to check the restriction option settings. Wait for the network response then you can view the current status on the display.



## Limit Calls In

Choose the feature Limit Calls In from the Security menu to bar incoming calls to your phone.

The Limit Calls In menu contains the following options:



### All Calls

Restricts all incoming calls.

### If Abroad

Restricts all incoming calls when you are outside of coverage from your registered Network Operator e.g. when abroad.

### Note

To set a Limit Calls In restriction, proceed as in Security, Limit Calls Out.

## FDN Phonebook

When you select FDN Phonebook and turn this feature on, you only have access to numbers stored in the Fixed Dialling Numbers (FDN) section of your Phonebook (see also Phonebook). This feature can help you to control outgoing calls for example if you loan your phone to someone. Your PIN2 code is required. For more details, contact your Network Operator/Service Provider.





## Network Services

The Network Services options allow you to control your network preferences and settings.

### Select Network

This feature gives you the option to select a network automatically when you turn on your phone or manually from a list of available networks.

#### To set the Network Selection method



- 1 Choose Select Network from the Network Services Menu.

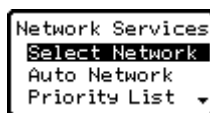


- 2 Select Auto Network for automatic network selection or

select an available network from the list.



- 3 Press the Jog Dial to confirm your selection.



### Auto Network

Use this option to turn on or off the automatic network selection. If you choose a network from the list in the menu Select Network, you will automatically turn off the Auto Network feature.

### Priority List

Choose Priority List to edit the automatic network selection priority list. This feature is helpful for example to prioritize roaming partners, etc.

**Add** to add a network operator to the list

**Move** to adjust the order in which the names appear in the list

**Delete** to remove a network operator from the list



## Call Waiting

Set the Call Waiting feature for your phone to alert you (beep) that a call is waiting so that you don't miss any calls. You may need to subscribe to this service. Contact your Network Operator/Service Provider for details.

### To Set Call Waiting



- 1 Select Call Waiting from the Network Services menu.
- 2 Select Set to activate Call Waiting.
- 3 Wait for the network response to appear on the display.

### Tip

- See also the chapter *During a Call* for options such as Call Hold for tips on how to handle two calls at the same time.



## Time, Cost

The Time, Cost options in the Control Menu offer ways to track or control how long you are on the phone and the cost of calls you have made. So that Call Costs can be used as a security measure e.g. when you lend your phone out, you must use your PIN2 as a security code when you set or change options. Some of the options in the Call Costs menu may not be supported in your network. Contact your Network Operator/Service Provider for details.

### Call Time



To check the length of your last call and total calls (incoming and outgoing)



1 Select Call Time from the Time, Cost menu.



2 Select Check.

3 Press the Jog Dial or  (or ) to exit.

#### Tip

- Select Reset in step 2 to reset the call time counters for last call and total calls.

### Call Cost



To check the cost of your last call, total calls and remaining credit



1 Select Call Cost from the Time, Cost menu.



2 Select Check.

3 Press the Jog Dial or  (or ) to exit.

#### Tips

- During a call, the remaining credit is indicated in the display.
- Select Reset in step 2 to reset the call cost counters for last call and total calls. At the prompt enter your PIN2.



## Charge Rate

Select Charge Rate to set the currency and price per unit which your phone uses to calculate the call cost.

### To set the Charge Rate



- 1 Select Charge Rate from the Time, Cost menu.
- 2 Enter your PIN2 code at the prompt.
- 3 Select Unit (or Currency) and press the Jog Dial to confirm.
- 4 To enter the Currency, use the keypad to enter a monetary denomination (up to three characters) and press the Jog Dial to confirm. (In case of unit, you return to the previous menu.)
- 5 Enter the price per unit (press  $\ast$  or  $\#$  to enter a decimal point).
- 6 Press the Jog Dial to confirm.
- 7 Press the Jog Dial or  $\curvearrowright$  (or  $\text{C}$ ) to exit.

## Charge Limit

Select Charge Limit to set a unit figure at which your phone will not allow any more phone calls to be made. (If you have selected Unit in the Charge Rate Menu (see above), enter the Unit value. In case of Currency, enter the Currency value.)

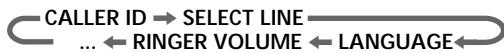
### To set the Charge Limit



- 1 Select Charge Limit from the Time, Cost menu.
- 2 Enter your PIN2 at the prompt.
- 3 Enter the price limit. (Unit or Currency, see above.)
- 4 Press the Jog Dial to confirm.
- 5 Press the Jog Dial or  $\curvearrowright$  (or  $\text{C}$ ) to exit.

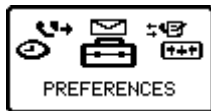
## Note

Reset the Call Cost counter or enter a higher limit in order to be able to make phone calls again.



## Preferences

Choose Preferences from the main menu and unpack the bag of options to personalise your phone according to your preferences like which language your phone speaks, how the ringer sounds, even how the keys sound!

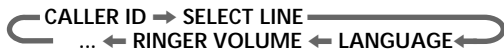


When you receive your phone, it has the following default settings.

item	default	see	page
Caller ID*	default	Caller ID	46
Select Line*	Line 1	Select Line	46
Language	SIM**	Language	47
Ringer Volume	Medium	Ringer Volume	47
Ringer Tone	“Aizu”	Ringer Tone	48
Any Key Answer	Off	Any Key Answer	48
Key Click Sound	KeyClick	Key Click Sound	48
DTMF Tones	On	DTMF Tones	49
Illumination	On	Illumination	49
Auto Redial	Off	Auto Redial	49
Auto Answer	Off	Auto Answer	49
1 Minute Beep	Off	One Minute Beep	49
Welcome Message	Off	Welcome Message	49
Factory Reset	—	Factory Reset	49

\* Network-dependant

\*\*default language depends on language of the Network Operator



## Caller ID

Caller ID allows you to choose whether or not you want the party you are calling to see your telephone number. This feature may not appear in some networks.



1 Select Caller ID from the Preferences menu.



2 Select On, Off, or Default (network default).

3 Press the Jog Dial to confirm your selection.

### Note

Some networks do not allow you to turn off Caller ID. Contact your Network Operator or Service Provider for details.

## Select Line

Select Line is a feature offered by some Network Operators giving you the possibility to select between two separate phone lines on your SIM Card. This can be useful if for example you want to use your SIM Card for both business and private calls but you want to keep the costs separate. You can even divert your business line to your Mailbox after business hours and only receive private calls. This feature may not appear in some networks. To make a line selection in standby mode, press and hold **#** and use the Jog Dial to make your selection. **1** or **2** will appear in standby mode so that you always know which line is active.

Call on Line 1

Call on Line 2

Voice Message on Line 1

Voice Message on Line 2

Voice Message on both Lines

### Note

Some menu items may not appear in your phone in some networks unless you specifically subscribe for them. The following settings (e.g. Divert, Security, Ringer Tone, Call Waiting and Voice Mail) will apply to the currently selected line. Some items such as your own number entry and voice mail entry may not be edited. All calls made will be billed to the currently selected line. The Time, Cost settings however, will always show the total time or cost of both lines.



## Language

The Language setting allows you to select the language in which all options appear. This feature may not appear in some networks.



1 Select Language from the Preferences menu.



2 Select the language you prefer from the list.



3 Press the Jog Dial to confirm your selection.

### Tip

- As a short cut, you can also select the language by pressing \* # 00 (country code)#. Select your default language by pressing \*#0000#.

## Ringer Volume

The Ringer Volume setting allows you to adjust the ringer volume level to off (level 0), low, medium, high, maximum and an incremental setting.



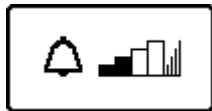
1 Select Ringer Volume from the Preferences menu.




2 Select the ringer volume by rotating the Jog Dial.




3 Press the Jog Dial to confirm your selection.



### Note

 appears in standby mode to remind you when you have turned the ringer off (level 0).

You can also quickly turn the ringer on/off or to single beep using  or adjust the volume during an incoming call (while ringing) by rotating the Jog Dial.







CALLER ID → SELECT LINE

... ← RINGER VOLUME ← LANGUAGE ←




## Ringer Tone

Your phone has 30 different ringer tones which you can select in the Ringer Tone setting.

-  1 Select Ringer Tone from the Preferences menu.
-  2 The current selection is highlighted and the phone rings with the current ringer tone.
-  3 Rotate the Jog Dial to make another ringer tone selection. The phone will ring so that you can hear your selection.
-  4 Press the Jog Dial to confirm your selection.

## Any Key Answer

Any Key Answer lets you answer a call by pressing any key.




-  1 Select Any Key Answer from the Preferences menu.
-  2 Select On or Off.
-  3 Press the Jog Dial to confirm your selection.

### Note

You cannot use , ,  or  to answer a call.

## Key Click Sound

You can adjust the key sounds to DTMF tones, Key Click or Silent in the Key Click Sound settings.

-  1 Select Key Click Sound from the Preferences menu.
-  2 Select DTMF, Key Click or Silent.
-  3 Press the Jog Dial to confirm your selection.





## DTMF Tones

You can choose to turn on or off DTMF tones which are tones designed to respond to menu prompts when you press a key e.g. in your voice mail or other services.

## Illumination

You can choose to turn the illumination of the keypad and display on or off using this setting. If the illumination is switched off, your phone's battery charge will last longer.

## Auto Redial

The Auto Redial setting offers you the option of automatically redialling an engaged line until it is no longer busy. Select Off if you do not want to have the Auto Redial option appear each time you call a number which is busy. This feature may not appear in some networks.

### Note

An incoming call will interrupt the Auto Redial feature.

## Auto Answer

Auto Answer programs your phone to answer an incoming call. Auto Answer only works together with the Handsfree Car Kit or the Headset accessory.

## 1 Minute Beep

You can turn on the 1 Minute Beep setting to be reminded (beep) in one minute intervals of the time you are on the phone.

## Welcome Message

The Welcome Message menu allows you to turn on/off or to edit the greeting text which appears when you turn your phone on.

## Factory Reset

The Factory Reset allows you to perform a master reset of all of your phone's settings back to the factory settings except network or SIM Card-based settings. Note that this will restart your phone.



## Tools

The Tools menu equips your phone with a clock, calculator, calendar and fax/data options.



### Clock

The clock allows you to set an alarm; a timer; to automatically switch off your phone every day (auto sleep); as well as to display the current date and time in standby mode.

#### Setting the Alarm



1 Select Clock from the Tools Menu.



2 Press the Jog Dial. "Alarm" is highlighted.



3 Press the Jog Dial.



4 Select "Daily" to set the alarm to ring every day at a certain time or select "Event" to set the alarm to ring only once at a certain time and date to remind you of an event, e.g. a meeting, etc.



5 Use the Jog Dial and the Keypad to enter the time you want the alarm to ring.



6 After entering the last digit, press the Jog Dial to confirm the time. "On" is highlighted.



7 Press the Jog Dial to activate the Alarm function. The alarm will ring at the specified time.



#### Notes

The volume of the alarm is determined by the Ringer Volume setting.

When the alarm is on, appears in the display in standby mode (if you have set the clock display to "On").

#### Tip

- The alarm rings for about 40 seconds. To turn off the alarm, press any key (except , , or ). The alarm will not ring during a call, rather on completion of the call. The alarm rings even when the power is off (and the battery is inserted).



## Setting the Timer



1 Select Clock from the Tools Menu.



2 Press the Jog Dial.



3 Rotate and then press the Jog Dial to select Timer.




4 Select Set and use the Jog Dial and the Keypad to set the timer.



5 Press the Jog Dial to start the timer. It is possible to stop the timer while it is running. Once all the timer expires, an alarm will ring. Press any key to stop the alarm.

### Notes

The volume of the alarm is determined by the Ringer Volume setting.

When the timer is on,  appears in the display in standby mode (if you have set the clock display to “On”). The alarm will not ring during a call, rather on completion of the call.

## Auto Sleep

The auto sleep function turns your phone off at a specified time. Activate auto sleep once, and the phone will turn off at the same time every day.



1 Select Clock from the Tools Menu.



2 Press the Jog Dial.



3 Rotate and then press the Jog Dial to select Auto Sleep.



4 Select Set and use the Jog Dial and the Keypad to enter the time you want the phone to turn off.



5 After entering the last digit, press the Jog Dial. “On” is highlighted.



6 Press the Jog Dial to activate the auto sleep function.

### Note

If you are in the middle of a call at the specified time, the phone will not turn off during the call but rather on completion of the call.



## Displaying the Clock in Standby Mode



1 Select Clock from the Tools Menu.



2 Press the Jog Dial.





3 Rotate and then press the Jog Dial to select Display.



4 Rotate and then press the Jog Dial to select “On” or “Off”.

### Note

When standby mode icons are displayed (i.e. ) , you may only be able to view the time by pressing .

## Setting the Date and Time



1 Select Clock from the Tools Menu.




2 Press the Jog Dial.



3 Rotate and then press the Jog Dial to select Set.



4 Use the Jog Dial and the Keypad to enter the day, month and year (DDMMYY). To correct the date, rotate the Jog Dial and press .




5 After entering the last digit, press the Jog Dial to confirm.



6 Enter the hour and minutes (HHMM).



7 Use the Jog Dial to select “OK” or  to return to the clock set menu and proceed from step 6.

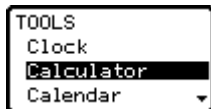


## Calculator

The Calculator can perform addition (+), subtraction (-), multiplication (x) and division (÷). The calculator even has a memory (“M”) function and recall (“R”) function.



1 Select Calculator from the Tools Menu.



2 Press the Jog Dial.



3 Enter a number.



4 Use the Jog Dial to select the operand and then enter another number.



5 Use the Jog Dial to select = for the result.

To continue your calculation, repeat steps 3 and 4.

To clear a digit within a calculation, press .

To start a new calculation, press and hold or .

### Note

Use to enter a decimal point (“.”). Press to switch between positive and negative numbers.

## Euro Currency Calculator

You can also use the calculator as a currency calculator for an easy tool to convert prices from one currency to another.

1 Proceed as in Calculator above.

2 In step 3 enter the value you want to convert.

3 Use the Jog Dial to select to enter the currency calculator.

4 Use the Jog Dial to select to set the currency exchange rate.

5 Enter the value you want to convert.

6 Select to convert to the current exchange rate, to convert to your home exchange rate or to return to the standard calculator.

7 Press the Jog Dial to get the result of the conversion.

### Note

If no currency exchange rate is set, then you will be prompted to set the currency exchange rate. Once you set the exchange rate, you can skip steps 2 and 4.

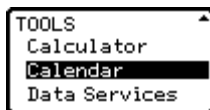


## Calendar

The Calendar allows you to view different dates.



- 1 Select Calendar from the Tools Menu.
- 2 Press the Jog Dial.
- 3 Rotate the Jog Dial to scroll through the months of the year.



## Data Services

You can send and receive faxes and data when the phone is connected to the optional EasyCom or PC Card accessory (see also the operating instructions of the accessory for use with the CMD-CD5).

### Selecting a Fax/Data Setting

Switch the Speech Then Fax setting to On to make a phone call and then send a fax. When the phone is not connected to the EasyCom or PC Card accessory, Off should be selected.



- 1 Select Data Services from the Tools menu.
- 2 Press the Jog Dial.
- 3 Press the Jog Dial to select Speech Then Fax.
- 4 Select "On" or "Off".



## Selecting a Serial Speed



1 Select Data Services from the Tools menu.



2 Press the Jog Dial.



3 Rotate and then press the Jog Dial to select “Serial Speed”.



4 Rotate and then press the Jog Dial to select one of the following settings:

**115.2 kbps**

**57.6 kbps**

**38.4 kbps**

**19.2 kbps**

**9.6 kbps**


**9.6 - 115.2 kbps**

### Tip

- Select 9.6-115.2 kbps for automatic detection of the serial speed. In order for the phone to detect the serial speed correctly, enter an “AT” command, whereafter the phone responds with “OK”. For a list of “AT” commands, please refer to the operating instructions supplied with the PC Card or EasyCom accessory.

# Appendix

## Alert Tones

Your phone has the following Alert Tones, which are implemented as default and can only be turned off by switching  to silent mode. Each of the Alert Tones can be distinguished from one another by their different sounding beeps.

### Error Key Alarm

Beeps once when you press an invalid key.


### Low Battery Warning Tones

These are three quick beeps in a row, during a call or in standby mode to warn you when the battery is low.

### Low Signal Warning Tone

Beeps once to warn you during a call when the signal is weak and the call might be dropped.

## Troubleshooting

Problem	Possible Causes	Possible Remedies
Unable to switch on	Empty battery	Charge the battery.
	Defective battery	Replace the battery. Note that after several years, gradual decline is normal.
The  icon appears	Weak Signal	Move to an open space or nearer to a window.
	Outside GSM coverage area	Check Operator coverage map.
	SIM not valid	Call your service provider.
	Network access not allowed	Try manual network search.
Calls not possible	Dialling error	Use full national area code. When abroad, use also international access code to reach home country.
	Call barring set	Check outgoing call barring settings.
	Another SIM inserted	Check for new restrictions.
	All calls barred	Check (Password is needed to clear).



Problem	Possible Causes	Possible Remedies
Difficult to hear the other party	—	Adjust earpiece volume, and reduce noise around you.
Phone loses network	Weak signal	Reconnection, or connection to another operator is automatic. Switching phone off and on may accelerate this.
SIM error	Damaged SIM Card	Please contact your service provider.
SIM card not registered	Network does not recognise the SIM card.	Please contact your service provider.
Not able to receive calls	Call barring set	Check incoming call barring settings.
	Divert set	Check call divert settings.

### Unblocking the SIM Card

If you enter the PIN code incorrectly three times, the SIM card is blocked. To enter the unblock code (PUK) to unblock the SIM proceed as follows:

- 1 Enter the unblock code and press the Jog Dial (or press (#)).
- 2 Enter the new PIN (4 – 8 digits) and press the Jog Dial (or press (#)).
- 3 Enter the new PIN code again and press the Jog Dial (or press (#)).

The SIM is unblocked.

### Notes

- If you enter the wrong unblock code (PUK) 10 times, your SIM is blocked completely. In this case contact your Network Operator/Service Provider.
- In order to receive more information (SIM and PUK), please contact your Network Operator/Service Provider.

# GSM Control Codes



The menu allows easy use of most network functions. However, your Network Operator may advise users of all phones to use standard code commands, which can also be used with your phone.

## Teleservice Setting

You can specify the type of carrier service you want your function setting to apply to. If no teleservice code is entered, all services except Line 2 will be affected. The possible values for this option are:








All Teleservices: 10, Speech: 11, SMS: 16, All except SMS: 19, Line 2 (ALS): 89

## Call Waiting

Activate call waiting	* 43 #	
Deactivate call waiting	# 43 #	

## Call Hold Service

The following procedures may be available during a call. The availability of service depends on your network operator.

Reject	0	
Drop	1	
Release a specific call X	1X	
Swap	2	
Place all active calls on hold except call X with which communication shall be supported	2X	
Place all active calls on hold and set up a new call to the specified Directory Number	Directory Number	
Release all calls		
Multiparty	3	

### Note

“X” is the number (starting from 1) of the call in sequential order of setting up or receiving the calls.

## Call Divert

	If Not Reachable	If No Reply	If Busy
Activate	* * 62 * DN( * TS) # SEND	* * 61 * DN( * (TS) * TIME) # SEND	* * 67 * DN( * TS) # SEND
Cancel	# # 62( * TS) # SEND	# # 61( * TS) # SEND	# # 67( * TS) # SEND
Check	* # 62 # SEND	* # 61 # SEND	* # 67 # SEND

	Always	All Divert	All Conditional Divert
Activate	* * 21 * DN( * TS) # SEND	* * 002 * DN( * TS) # SEND	* * 004 * DN( * TS) # SEND
Cancel	# # 21( * TS) # SEND	# # 002( * TS) # SEND	# # 004( * TS) # SEND
Check	* # 21 # SEND	* # 002 # SEND	* # 004 # SEND

## Barring

Barring Outgoing	Always	International	International Except Home
Activate	* 33 * PW( * TS) # SEND	* 331 * PW( * TS) # SEND	* 332 * PW( * TS) # SEND
Cancel	# 33 * PW( * TS) # SEND	# 331 * PW( * TS) # SEND	# 332 * PW( * TS) # SEND
Check	* # 33 # SEND	* # 331 # SEND	* # 332 # SEND

Barring Incoming	Always	Roaming	All Calls incoming/outgoing
Activate	* 35 * PW( * TS) # SEND	* 351 * PW( * TS) # SEND	* 330 * PW( * TS) # SEND
Cancel	# 35 * PW( * TS) # SEND	# 351 * PW( * TS) # SEND	# 330 * PW( * TS) # SEND
Check	* # 35 # SEND	* # 351 # SEND	* # 330 # SEND

## Network Password Change

\* \* 03 \* 330 \* Old PW \* New PW \* New PW # SEND

## Presentation of IMEI

\* # 06 #

### Note

TS : Teleservice  
DN : Divert Number  
PW : Password

# Technical Specifications

---

E-GSM 900 Mobile Telephone	Class 4 (2 Watts)
GSM 1800 Mobile Telephone	Class 1 (1 Watt)
Frequency Range (Transmission)	880 – 915 MHz and 1710-1785 MHz
Frequency Range (Reception)	925 – 960 MHz and 1805-1880 MHz
Weight	139 g
Size	139 x 45.5 x 26.5 mm <sup>3</sup> (120 ccm)
Handset Operating Temperature	- 10 °C — + 55 °C
Accessories Operating Temperature	± 0 °C — + 45 °C

## Licensing

Your CMD-CD5 is authorised for use in GSM 900/1800 networks and complies with EU standards.








- 89/336/EEC “Electromagnetic Compatibility”
- 98/13/EEC CTR 19 and CTR 20
- 95/54/EEC “Car Automotive Directive”  
Applies to accessories used in vehicles

confirmed by the CE label.


Sony reserves the right to make changes or improvements to any of the products described in this guide without prior notice.

T9™ text input is a registered trademark of Tegic Communications, Inc.


# Index

- A**
- Alarm ..... 50
  - Alert Tones ..... 56
  - Answering Calls ..... 13
  - Any key answer ..... 48
  - Auto answer ..... 49
  - Auto redial ..... 49
  - Auto Sleep ..... 51
- B**
- Battery pack ..... 4
    - Charging ..... 9
    - Inserting ..... 9
- C**
- Calculator ..... 53
  - Calendar ..... 54
  - Call Barring ..... 39,40
    - Limit Calls Out ... 39
    - Limit Calls In ..... 40
  - Call Cost ..... 43
  - Call Hold ..... 15-16, 58
  - Call Time ..... 43
  - Call Waiting ..... 16,42,58
  - Caller ID ..... 46
  - Calls
    - Answering ..... 13
    - Making ..... 12
  - Cell broadcast
    - see Local Area
  - Info ..... 34
  - Changing network
    - password ..... 38
  - Character table ..... 18
  - Charge Limit ..... 44
  - Charge Rate ..... 44
  - Charging battery pack . 9
  - Clear  key ..... 2
  - Clock ..... 50
  - Control Menu ..... 36
  - Connector ..... 2
- D, E, F, G**
- Default settings ..... 45
  - Display ..... 2
  - Divert ..... 25-26
    - Setting ..... 26
    - Checking ..... 26
    - Clearing ..... 26
  - DTMF Tones ..... 15,49
  - During A Call Menu . 15
  - e-mail ..... 34
  - Emergency Calls ..... 10
  - Error Key Alarm ..... 56
  - Exit  key ..... 2
  - Factory Reset ..... 49
  - Fax/Data ..... 54
  - FDN Phonebook . 23, 40
- H, I, J, K**
- Icons ..... 6
  - Incoming call
    - Icon ..... 6
  - Jog Dial ..... 2,4
  - Key click sound ..... 48
  - Keypad Lock ..... 5
- L, M**
- Language ..... 47
  - Licensing ..... 60
  - Local Area Info ..... 34
  - Low battery
    - warning ..... 56
  - Low signal warning .. 56
  - Making Calls ..... 12
  - Manner  Key ... 2,5
  - Menu ..... 24
    - Menu  key .... 2,5
  - Menu Overview ..... 7
  - Messaging ..... 27
  - Microphone ..... 2,14
    - Mute/Unmute .... 14
- N, O, P**
- Network
    - Password ..... 38
    - Search ..... 41
    - Selection ..... 41
  - Network Services ..... 41
  - Notepad ..... 14
  - On/Off  Key ..... 2
  - One minute beep ..... 49
  - Phonebook ..... 17-23
    - Creating Entries .. 17
    - Changing ..... 21
    - Copying ..... 21, 23
    - Deleting ..... 21
    - Dialling ..... 20
    - Own Number ..... 23
    - Voice Mail setup . 22
  - Saving Entries ..... 20
  - Personal Unblocking
    - Code (PUK) ..... 57
  - PIN code ..... 36
    - Changing ..... 37
    - Enabling/
      - Disabling ..... 37
      - Entering ..... 10
  - PIN2 ..... 38
    - Changing ..... 38
  - Preferences ..... 45

### **Q, R, S**

- Redial List ..... 35
- Ringer
  - On/Off ..... 5
  - RingerID ..... 21
  - Single Beep ..... 5
  - Silent Mode ..... 5
  - Tone ..... 48
  - Volume ..... 14,47
- Roaming ..... 11
- Security ..... 36
- Select Line ..... 46
- Service Centre ..... 33
- Send  key ..... 2
- Short messages ..... 27
  - Calling back ..... 29
  - Changing the settings ..... 33
  - Creating ..... 30
  - Deleting ..... 29
  - Editing ..... 28
  - Forwarding ..... 28
  - Last Message ..... 30
  - Memory class ..... 33
  - Message format .. 34
  - Reading ..... 27
  - Reply Cost ..... 34
  - Replying ..... 28
  - Result Report ..... 34
  - Sending ..... 28
  - Validity Period ... 34
- Signal strength ..... 11
- SIM card ..... 8
  - Inserting/  
removing ..... 8
  - Unblocking ..... 57
- Silent Mode ..... 5
- Single Beep ..... 5
- Speaker Volume ..... 14

### **T, U, V, W, X, Y, Z**

- T9 Text Entry ..... 31
- Technical Specifications ..... 60
- Timer ..... 51
- Vibra Alert ..... 5
- Voice Mail
  -  Key ..... 2
  - Setting up ..... 22
  - Calling ..... 22
  - Diverting ..... 22,25
- Volume
  - Speaker ..... 14
  - Ringer ..... 14,47
- Welcome Message .... 49

# Notes

---

# Notes

---



# Notes

---

# Notes

---

# My CMD-CD5 Information

---

For easy reference, please record the following identification numbers for your phone and SIM Card. This information will assist you in customer inquiries to your retail dealer, manufacturer or Network Operator/Service Provider.

In case of loss or theft of your phone and/or SIM Card, call your Network Operator/Service Provider immediately to prevent misuse.

My Mobile Phone Number: \_\_\_\_\_

Operator Customer Service Number: \_\_\_\_\_

My SIM Card Number: \_\_\_\_\_

(Printed on your SIM Card)

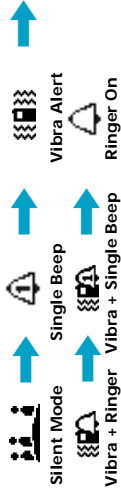
My Phone's ID Number (IMEI): \_\_\_\_\_

(Printed on the label underneath the battery pack or select Phone Status in the Setup Menu to display)

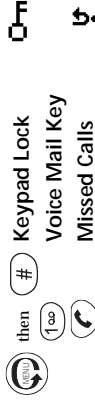
## Quick Keys

### Manner Key




To adjust the ringer in standby mode or when your phone is ringing, press the Manner key to scroll through the ringer options:



During a call, press  once to mute and once again to unmute the microphone.



## Jog Dial


Operation	Function
 Rotate	Scrolls through menu options
 Press (Click)	Selects an option (highlighted) in the display Accepts an entry made by alphanumeric keys
 Press and Hold	Dials the phone number selected Exits from one menu to the previous menu

## Making Calls

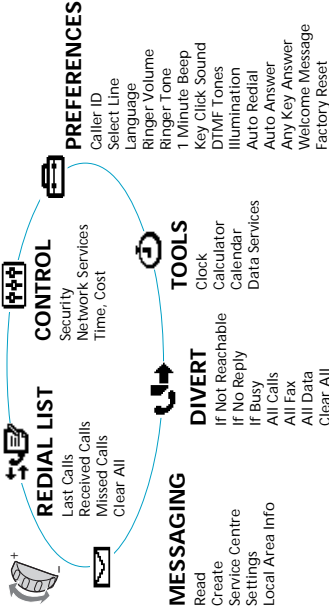
From Standby Mode:

- 1 Dial the complete number of the party you want to call (including the area code even when dialling locally).
- 2 Press and hold the Jog Dial (or ) to call the number displayed. Or press the Jog Dial to save the number to the Phonebook.

From the Phonebook:

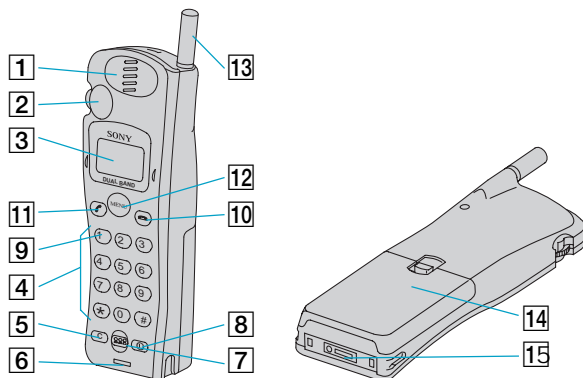
- 1 Press the Jog Dial in standby mode to open the Phonebook.
- 2 Rotate the Jog Dial to select the number you would like to dial.
- 3 Press the Jog Dial to display the phone number or press and hold the Jog Dial (or ) to make the call.

## Menu Overview



# Quick Reference

---



- 1** Ear piece
- 2** Jog Dial
- 3** Display
- 4** Keypad (alphanumeric keys)
- 5** Clear Key
- 6** Microphone
- 7** Manner Key
- 8** On/Off Key
- 9** Voice Mail Key
- 10** Exit Key
- 11** Send Key
- 12** Menu Key
- 13** Antenna
- 14** Battery Pack
- 15** External Connector (Charging and Accessories)

Made from chlorine-free  
recyclable paper

Sony Corporation Printed in France