



# motorola

D87 DIGITAL CORDLESS TELEPHONE  
WITH ANSWERING MACHINE

**For: D8711, D8712, D8713 and D8714**

Handset: Motorola D871-HS

Base: Motorola D871-B

Charger: Motorola D871-C

Warning: Charge the handset for 16 hours before use.

# Safety information

## Important

This equipment is not designed to make emergency telephone calls when the power fails. Alternative arrangements should be made for access to emergency services.

This product is intended for connection to analogue public switched telephone networks and private switchboards in the US.

To reduce the risk of fire, use only the supplied AC power adaptor.

The applied nameplate is located at the bottom of the unit.

## Important safety instructions

Follow these safety precautions when using your phone to reduce the risk of fire, electric shock, and injury to persons or property:

- Keep all slits and openings of the phone unblocked. Do not set the phone on a heating register or over a radiator. Ensure that proper ventilation is provided at the installation site.
- Do not use while wet or while standing in water.
- Do not use this product near water (for example, near a bath tub, kitchen sink, or swimming pool).
- Do not allow anything to rest on the power cord. Place the power cord so that it will not be walked on.
- Never insert objects of any kind into the product vents as that may result in fire or electric shock.
- Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
- Do not disassemble this product. If service or repair work is required, contact the customer service helpline found in this user's Guide.
- Do not overload wall outlets and extension cords.
- Avoid using during an electrical storm. Use a surge protector to protect the equipment.
- Do not use this phone to report a gas leak, especially if you are in the vicinity of the gas line.
- For pluggable equipment, the socket-outlet (power adaptor) shall be installed near the equipment and shall be easily accessible.

## Save these instructions

### Unplug this cordless phone immediately from an outlet if:

- The power cord or plug is damaged or frayed.
- Liquid has been spilled on the product.
- The product has been exposed to rain or water. Do not retrieve the handset or base until after you have unplugged the power and phone from the wall. Then retrieve the unit by the unplugged cords.

- The product has been dropped or the cabinet has been damaged.
- The product exhibits a distinct change in performance.

## **Installation Guidelines**

- Read and understand all instructions and save them for future reference.
- Follow all warnings and instructions marked on the product.
- Do not install this product near a bath tub, sink, or shower.
- Operate this phone using only the power source that is indicated on the marking label. If you are unsure of the power supply to your home, consult with your dealer or local power company.
- Do not place this product on an unstable cart, stand, or table. This product may fall, causing serious damage to the product.
- Adjust only those controls that are covered by the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work to restore the product to normal operation.
- Clean this product with a soft, damp cloth. Do not use chemicals or cleaning agents to clean this phone.
- Use only the power supply that came with this unit. Using other power supplies may damage the unit.
- Because this phone operates on electricity, you should have at least one phone in your home that could operate without electricity in the case the power in your home goes out.
- To avoid interference to nearby appliances, do not place the base of the phone on or near a TV, microwave oven, or VCR.

## **Battery Safety Instructions**

- Do not burn, disassemble, mutilate, or puncture the battery. The battery contains toxic materials that could be released, resulting in injury.

### **Important**

Warning! Use only the approved rechargeable Ni-MH battery cells (2 x AAA size 750mAh Ni-MH rechargeable batteries) supplied with your D8711, D8712, D8713 or D8714.

### **Caution**

There is a risk of explosion if you replace the battery with an incorrect battery type. Use only the batteries that came with your phone or an authorized replacement recommended by the manufacturer.

- Keep batteries out of the reach of children.
- Remove batteries if storing over 30 days.
- Do not dispose of batteries in fire, which could result in explosion.
- The rechargeable batteries that power this product must be disposed of properly and may need to be recycled. Refer to your battery's label for battery type. Contact your local recycling center for proper disposal methods.

**Save these instructions**

# Welcome...

## to your new Motorola D87 Digital Cordless Telephone with Answering Machine!

- Block 1000 numbers added to the invisible blacklist.<sup>1</sup>
- Answer machine with up to 60 minutes digital recording time.
- All handsets fully cordless for locating anywhere within range.
- 3000 names and numbers in home phone's contacts.
- Bright backlit display.
- Speakerphone for hands-free conversations.
- Caller ID shows you who's calling and see details of the last 50 callers in a Calls list.<sup>1</sup>
- Register up to 6 handsets to a single base.
- Make internal calls, transfer external calls, hold 3-way conversations between two internal callers and an external caller.

### Need help?

If you have any problems setting up or using your D87, please contact Customer Services on 1-833-468-1468.

Alternatively, you may find the answer in the 'Help' section at the back of this guide.

<sup>1</sup>You must subscribe to your network provider's Caller ID service for this feature to work. A subscription fee may be payable.

Please Note that this equipment is not designed for making emergency telephone calls when the power fails. Alternative arrangements should be made for access to emergency services.

**This User Guide provides you with all the information you need to get the most from your phone.**

**Before you make your first call you will need to set up your phone. Follow the simple instructions in ‘Getting started’, on the next few pages.**

**Important**

Only use the telephone line cord supplied.

**Got everything?**

- Cordless handset
- Base
- AC power adaptor for the base
- Telephone line cord
- 2 x rechargeable Ni-MH battery cells

**If you have purchased an D87 multiple pack you will also have the following additional items:**

- Cordless handset & charger cradle
- AC power adaptor for the charger cradle
- 2 x rechargeable Ni-MH battery cells

1.	Getting started .....	10
2.	Getting to know your phone .....	14
3.	Bluetooth .....	21
3.1	Pair with your mobile phone .....	21
3.1	View your paired mobile devices.....	22
3.1.1	Rename your mobile device displayed on the handset.....	22
3.1.2	Change the mobile device ringtone on handsets .....	22
3.1.3	Remove a paired mobile device from the handset.....	22
3.2	Change the Bluetooth name.....	23
3.3	Change the Bluetooth PIN.....	23
3.4	Import mobile line contacts.....	23
4	Using the phone .....	24
4.1	Switch the handset on / off .....	24
4.2	Calls .....	24
4.2.1	Make a call .....	24
4.2.2	Preparatory dialing.....	24
4.2.3	Quickdial call.....	24
4.2.4	Call from the Contacts or Calls list.....	24
4.2.5	Make a call from the paired Bluetooth device.....	24
4.2.6	End a call.....	24
4.2.7	Receive a call .....	25
4.3	Adjust the earpiece / hands-free volume.....	25
4.4	Mute.....	25
4.5	Intercom.....	25
4.5.1	Make an internal call .....	25
4.5.2	Receive an internal call.....	25
4.5.3	Transfer a call.....	25
4.5.4	3-way conference call .....	26
4.6	Hands-free .....	26
4.6.1	Make a hands-free call .....	26
4.6.2	Answer a call hands-free.....	26
4.7	Redial.....	26
4.8	Paging / Find handset.....	26
5.	Contacts .....	27
5.1	Store a name and number .....	27
5.2	View or dial an entry.....	28
5.3	Edit a name and number.....	28
5.4	Import mobile line contacts.....	28
5.5	View imported mobile line contacts.....	28
5.6	Copy mobile line contacts.....	29
5.6.1	Copy selected mobile line contacts.....	29
5.6.2	Copy all mobile line contacts .....	29
5.7	Delete selected contacts.....	30
	For landline .....	30
5.8	Delete all contacts .....	30
	For landline .....	30
	For mobile lines.....	30
5.9	View the memory status .....	30

6.	Speed dial .....	31
6.1	View the speed dial list .....	31
6.2	Store a speed dial number .....	31
6.3	Store a contact to the speed dial list .....	31
6.4	Dial a speed dial number .....	31
6.5	Edit a speed dial number .....	31
6.6	Delete a speed dial number .....	32
7.	Call control .....	33
7.1	Outgoing call control .....	33
7.1.1	Switch on/off and set a blocking mode .....	33
7.1.2	Set the announcement .....	33
7.2	Incoming call control .....	34
7.2.1	Add numbers to the blacklist .....	34
7.2.2	Add area codes to the blacklist .....	34
7.2.3	Remove all blocked numbers from the blacklist .....	34
7.2.4	Add numbers to the allowed list .....	35
7.2.5	Remove all blocked numbers from the blacklist .....	35
7.3	Do Not Disturb mode .....	35
7.4	VIP list .....	35
7.4.1	Add contacts to the VIP list .....	36
7.4.2	Remove contacts from the VIP list .....	36
7.4.3	Set the VIP ringtone .....	36
8.	Clock and alarm .....	37
8.1	Setting the alarm .....	37
8.2	Setting time & date .....	37
8.3	Setting the time format .....	37
9.	Settings .....	38
9.1	Sounds .....	38
9.1.1	Ring tones and volume .....	38
9.1.2	Alert tones on/off .....	38
9.1.3	Handset tones on/off .....	38
9.2	Display .....	39
9.3	Handset name .....	39
9.4	Language .....	39
9.5	Call settings .....	40
	Auto answer .....	40
	Auto end call .....	40
	Auto join call .....	40
	First ring .....	40
9.6	Base settings .....	40
9.6.1	Ring tone and volume .....	40
9.6.2	Flash time .....	41
9.6.3	Dial mode .....	41
9.6.4	Area code .....	41
9.6.5	PBX code .....	41
9.7	Software version .....	42
9.8	Registration .....	42
9.8.1	Register a handset .....	42
9.8.2	De-register a handset .....	42

9.9	Change the system PIN .....	42
9.10	Restore default settings .....	43
9.10.1	Reset the handset or base.....	43
9.10.2	Clear the handset or base user data .....	43
9.11	Default settings .....	43
10.	Caller ID and the Calls list .....	44
10.1	Caller ID .....	44
10.2	Calls list .....	44
10.2.1	View the Calls list .....	44
10.2.2	Dial a number in the Calls list.....	45
10.2.3	Store a Calls list number to the contact list .....	45
10.2.4	Allow a number.....	45
10.2.5	Block a number.....	45
10.2.6	Delete an entry .....	45
10.2.7	Delete the entire Calls list.....	45
11.	Using your Answering Machine.....	46
11.1	Switch the answering machine on / off .....	46
11.2	Listening to your messages .....	46
11.3	Delete a message.....	47
11.4	Delete all messages.....	47
11.5	Outgoing messages .....	48
11.5.1	Answer and record .....	48
11.5.2	Answer only.....	48
11.5.3	Record, play or delete your own outgoing message .....	48
11.6	Record memo .....	48
11.7	Answer mode .....	49
11.8	Settings.....	49
11.8.1	Set the maximum length of message and alert.....	49
11.8.2	Call screening .....	49
11.8.3	Set the answer machine auto on/off.....	50
11.9	Ring delay .....	50
11.10	Remote access .....	51
11.10.1	Set the remote access on/off.....	51
11.10.2	Change the remote PIN.....	51
11.11	Telephone answer machine language.....	51
12.	Help.....	52
13.	Technical Specifications.....	54
14.	General information .....	55





# 1. Getting started

## Location

### Important

Do not place your D87 in the bathroom or other humid areas.

Place your D87 base within reach of the AC power outlet and telephone wall jack. The socket-outlet should be installed near the equipment and should be easily accessible.

Make sure the base is not placed too close to other electrical appliances to avoid interference. Your D87 works by sending radio signals between the handset and base. The strength of the signal depends on where you place the base. Putting it as high as possible ensures the best signal.

## Handset range

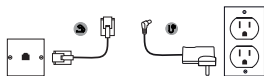
Make sure the base and handset are placed within range of each other. Any obstruction between the base and handset will reduce the range significantly. Thick concrete and stone walls can severely affect the range.



## Setting up

### Important

The base station must be plugged into the AC power at all times. Use only the AC power adaptor and telephone line cord supplied with the product.

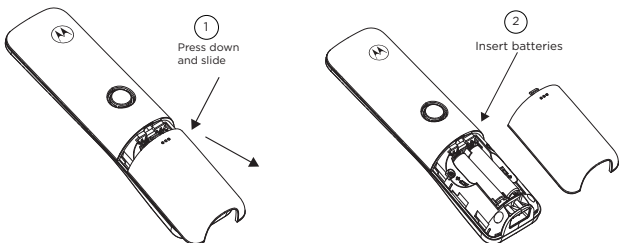
## Connecting the base




1. Plug the telephone line cord into the socket marked  on the underside of the base and the other end of the line cord into the telephone line wall jack.
2. Plug the AC power jack into the socket marked  on the underside of the base and plug the AC adaptor into the AC power outlet. Switch on the AC power.

## Installing and charging the handset

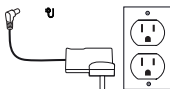
1. Remove the battery cover from the back of the handset and insert the rechargeable Ni-MH battery cells supplied. Please note the '+' and '-' markings inside the battery compartment and insert in the correct direction.





2. Slide the battery cover back into place.
3. When charging the battery pack for the first time, place the handset on the base to charge for at least 16 hours continuously.
4. When the handset is fully charged,  will appear steadily on the display. Plug the other end of the telephone line cord (make sure that one end is already plugged into the base) into the telephone wall socket.

## Connecting the handset and charger cradle (for multi-pack only)

If you have purchased a multiple pack, you will need to carry out this process for all the handsets and charger cradles.



1. Plug the AC power jack into the socket marked  on the underside of the charger cradle and plug the power adaptor into the AC power outlet.
2. Remove the battery cover from the back of the handset and insert the 2 x AAA Ni-MH rechargeable batteries supplied. Please note the '+' and '-' markings inside the battery compartment and insert in the correct direction.
3. Slide the battery cover back into place.
4. When charging the battery pack for the first time, place the handset on the charger cradle to charge for at least 16 hours continuously.
5. When the handset is fully charged,  will appear steadily on the display. The display will show the time on the screen, to indicate that it is registered to the base.

### Important

Warning! Use only the approved rechargeable Ni-MH battery cells (2 x AAA Ni-MH 750mAh rechargeable batteries) supplied with your D87.

### Battery low warning

If  is shown on the display, recharge the handset before using it again.

When charging,  will scroll on the display.

## Battery performance

In ideal conditions, fully charged batteries should give up to 21 hours talk time or up to 240 hours standby time on a single charge.<sup>1</sup>

Note that new batteries do not reach their full capacity until they have been put to normal use for several days.

To keep your batteries in the best condition, leave the handset off the base for a few hours at a time.

Running the batteries right down at least once a week will help them last as long as possible.


The charge capacity of the rechargeable battery will reduce with time as it wears out, giving the handset less talk / standby time. Eventually it will need to be replaced.

Batteries and the handset may become warm during charging. This is normal.

<sup>1</sup>All talk and standby times are approximate and depend on features selected and usage pattern.

## Date and time

You can set the date and time manually.

1. Press the left ● key, scroll ▼ to **Clock/Alarm**.
2. Press the left ● key, select **Time and date**.
3. Press the left ● key, enter the time (HH:MM) e.g. 04:30.
4. Press ▼, if you have selected the 12 hours format, press the left or right navigation button to select **AM** or **PM**.
5. Press ▼, enter the date using the format MM-DD-YYYY e.g. 08/27/2021 for 27 August 2021.
6. Press the left ● key to confirm.
7. Press  to return to standby.

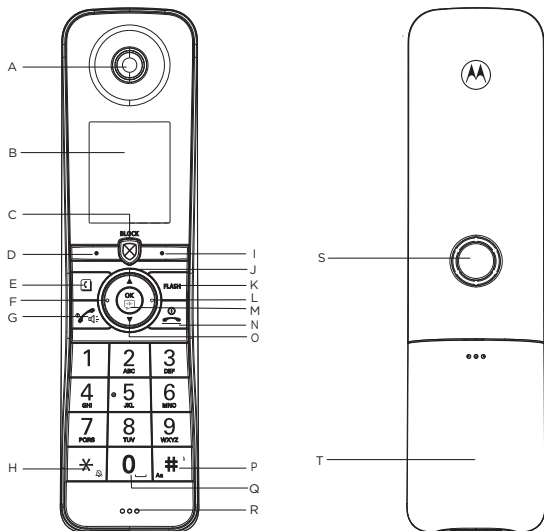
To change the time format:

1. Press the left ● key, scroll ▼ to **Clock/Alarm**.
2. Press the left ● key, select **Time format** and press the left ● key.
3. Press the left or right navigation button to select the time format and press the left ● key to confirm.

**Your D87 is now ready for use.**

## 2. Getting to know your phone

### Overview of your handset



**A Earpiece**

**B Display**

See page 18 for an overview of the display icons.

**C Call block**

Press to enter the call block menu.

**D Menu / OK**

Enter the main menu.  
Confirm menu option.

**E Contacts**

Open the contact list.

**F Left navigation button**

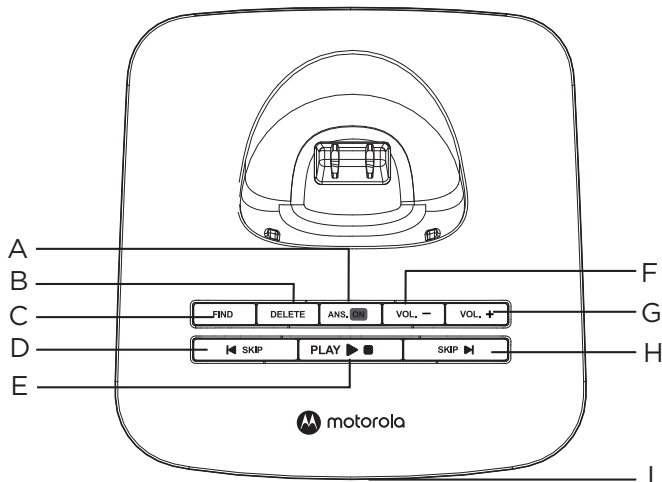
Scroll to the left.

**G Talk / Hands-free**

Press to switch hands-free on or off during a call.  
Press to make and receive calls.

- H \* / Ringer**  
Press to turn the handset ringer on or off.
- I Calls List /Clear / Back**  
Open the calls list in standby.  
Delete characters and digits when entering names and numbers.  
Go back to previous menu level.
- J Scroll Up / Volume up**  
Press ▲ to scroll up through lists and settings.  
Increase the earpiece or hands-free volume during a call.
- K Flash**  
Use flash (F) functions.
- L Right navigation button**  
Scroll to the right.
- M OK**  
Open the selected event from the event reminders  
Confirm menu option.
- N End Call / Exit / Switch Handset on / off**  
End a call.  
When in a menu, go back to standby mode.  
Press and hold to switch handset off (when in standby) or on.
- O Calls List / Scroll Down / Volume down**  
Press ▼ to enter the Calls list.  
Scroll down through lists and menus.  
Decrease the earpiece or hands-free volume during a call.
- P # / Change case / Pause / CID format**  
Dial a #.  
When entering letters / editing, press to change the case from Abc to abc or ABC mode.  
In calls lists: Press to toggle the Caller ID display format among 7, 10 and 11 digits when returning calls from Caller ID list.
- Q O/Space/Pause**  
Press to insert a space in text editing.  
Press to insert 0 in number editing.  
When dialing or storing a number, press and hold to enter a pause (P).
- R Microphone**
- S Loudspeaker**
- T Battery cover**

## Overview of the base



### A Answer on / off

Press to switch the answering machine on / off. The light will turn on when switching on.

### B Delete

Press to delete recorded messages during playback.

Press once in standby, press again to confirm after hearing the voice prompt.

### C Find

Press to find a lost handset.

Press and hold to register an extra handset to the base.

### D Skip backward

Press once to listen to the current message again.

Press twice to listen to the previous message.

### E Play / New message indicator / Stop

Press to play recorded messages.

Flashes when there is a new message.

Stops message playback

### F Volume down

Decrease the speaker volume when listening to the message in standby mode.

Decrease the speaker volume during call screening.



### **G Volume up**

Increase the speaker volume when listening to the message in standby mode.

Increase the speaker volume during call screening.

### **H Skip forward**

Press once to listen to the next message.



### **I Base light**

Lights up when the handset is on the base.

Flashes during a call

## **Navigating the menus**

The basic steps of navigating through the menu and on-screen options.

1. From the standby screen, press the left ● key to open the main menu
2. Use ▲ to scroll up and ▼ to scroll down through the menu.
3. Press the left ● key to open a sub-menu or validate an option.  
To return to the previous menu level, correct a character or cancel an action, press the right ● key.
4. Press  to confirm an option.
5. Press  to return to standby.

### **Note**

If you do not press any button on the handset for 60 seconds, the display will automatically return to standby. It will also return to standby when the handset is placed on the base or charger cradle.

## Display icons



Indicates a missed call.



Indicates an incoming call when viewing the calls list<sup>1</sup>.



Indicates an outgoing call when viewing the calls list<sup>1</sup>.



Indicates a blocked caller when viewing the calls list<sup>1</sup>.



Hands-free is on.



Handset ringer is off.



Alarm is on.



Indicates a voice message.



Indicates Bluetooth device 1 is connected.



Indicates Bluetooth device 2 is connected.



Battery is fully charged.



Battery is 75% charged.



Battery is 50% charged.




Battery is 25% charged.




Battery is almost empty.

<sup>1</sup>For this feature to work, you must subscribe to Caller ID Service from your network operator. A subscription fee may be payable.


## Main menu icons

 Answer Phone

 Call Control

 Calls List

 Clock/Alarm

 Speed dial list

 Bluetooth

 Settings

## Menu map

### Answer Phone

View messages  
Outgoing msg  
Record memo  
Answer mode  
Settings  
Ring Delay  
DTAM Language

### Call Control

Call Blocking  
Do Not Disturb  
VIP list  
Change PIN

### Calls List

Show details  
Save number  
Allow number  
Block number  
Delete call  
Delete all

### Clock/Alarm

Alarm  
Time and date  
Time format

### Speed dial list

(Empty list by default)

### Bluetooth

Paired devices  
Pair new device  
Bluetooth name  
Bluetooth PIN

### Settings

Sounds

- Ringing
- Alert tones
- Handset tones

Display

- Colour theme
- Wallpaper
- Contrast
- Screen saver

Handset name

Language

Call settings

- Auto answer
- Auto end call
- Auto join calls
- First ring

Base settings

- Ringing
- Flash time
- Dial mode
- Area code
- PBX code

S/ware version

Registration

- Register
- De-register

Change Sys. PIN

Reset

- H/set settings
- Base settings
- Clear user data

### 3. Bluetooth

You can connect your D87 to a compatible mobile phone to make and receive mobile calls on the handset, or download the contacts from your mobile phone.

#### 3.1 Pair with your mobile phone

Make sure the Bluetooth function of your mobile phone is activated.

1. Press the left ● key in standby, scroll ▲ to select **Bluetooth**, press the left ● key.
2. Select **Pair new device**, press the left ● key.
3. Select the device name (default = **Motorola Voice**) on your mobile phone, enter the PIN code if necessary (default = **0000**).
4. When pairing is successful, **⌘1** will be displayed on all handset screens registered to the base.
5. Press the left ● key to edit the mobile phone name displayed on D87 if necessary, then press the left ● key again to save.
6. Press the left ● key to import the contacts of your mobile phone to D87 if necessary. When the importing of contacts is complete, the handset will return to the Bluetooth menu.
7. To pair with another mobile phone, repeat steps 1 to 3.
8. When pairing is successful, **⌘2** will be displayed on all handset screens registered to the base. Repeat steps 5 and 6.

#### Note

You can pair D87 with 2 mobile phones at maximum. You cannot pair it with other Bluetooth devices.

Only contacts stored in the mobile phone will be imported to D87. Contacts stored in the SIM cannot be imported.

Importing the mobile phone contacts may take a few minutes depending on the number of contacts. Make sure the battery life of your mobile phone is long enough for the process.

Make sure the Bluetooth function of your mobile devices is switched on. When your mobile devices are paired and connected and within the range of D87 base, **⌘1** and **⌘2** will be displayed on all handset screens registered to the base in standby.

Make sure your mobile phone is within a 10-foot range of the base. Your D87 may be disconnected when it is out of range of the base or you switch off the Bluetooth function of your mobile phone. Move closer to the base and switch on the Bluetooth function of your mobile phone. Your D87 will be reconnected automatically.

### 3.1 View your paired mobile devices

1. Press the left ● key in standby, scroll ▲ to select **Bluetooth**, press the left ● key.
2. Press the left ● key to select **Paired devices**. The paired devices will be shown on screen.

#### 3.1.1 Rename your mobile device displayed on the handset

1. Press the left ● key in standby, scroll ▲ to select **Bluetooth**.
2. Press the left ● key to select **Paired devices**, press the left ● key. The paired devices will be shown on screen.
3. Scroll ▲ or ▼ to select a paired Bluetooth device.
4. Press the left ● key to select **Rename**, press the left ● key. The existing name is displayed.
5. Press the right ● key to delete the name if required. Then enter the new name. Press the left ● key to confirm.

#### 3.1.2 Change the mobile device ringtone on handsets

1. Press the left ● key in standby, scroll ▲ to select **Bluetooth**.
2. Press the left ● key to select **Paired devices**, press the left ● key. The paired devices will be shown on screen.
3. Scroll ▲ or ▼ to select a paired Bluetooth device.
4. Press the left ● key, then scroll ▼ to select **Ringtone**, press the left ● key. The existing ringtone is displayed.
5. Scroll the left and right navigation keys to select the melody (1 - 20). Press the left ● key to confirm.

#### Note

You can select different ringtone for the same mobile device on different registered handset.

#### 3.1.3 Remove a paired mobile device from the handset

1. Press the left ● key in standby, scroll ▲ to select **Bluetooth**.
2. Press the left ● key to select **Paired devices**, press the left ● key. The paired devices will be shown on screen.
3. Scroll ▲ or ▼ to select a paired Bluetooth device.
4. Press the left ● key, then scroll ▼ to select **Delete device**, press the left ● key twice to confirm.

### 3.2 Change the Bluetooth name

The default Bluetooth name of your D87 is **Motorola Voice**. You can change the name displayed on the mobile devices.

1. Press the left ● key in standby, scroll ▲ to select **Bluetooth**.
2. Press the left ● key, then scroll ▼ to select **Bluetooth name**, press the left ● key. The existing name is displayed.
3. Press the right ● key to delete the name if required. Then enter the new name. Press the left ● key to confirm.

### 3.3 Change the Bluetooth PIN

The default Bluetooth PIN of your D87 is 0000. You can change it to your preferred PIN.

1. Press the left ● key in standby, scroll ▲ to select **Bluetooth**.
2. Press the left ● key, scroll ▼ to select **Bluetooth PIN**, press the left ● key. The existing PIN is displayed.
3. Press the right ● key to delete the PIN if required. Then enter the new PIN. Press the left ● key to confirm.

### 3.4 Import mobile line contacts

You can import contacts from mobile lines to D87.


1. Press **[C]** in standby, **Home Phone** is displayed on the top of the handset screen.
2. Press the right navigation key once to select and view contacts in mobile device 1, or press the right navigation key again to select and view contacts in mobile device 2.
3. Press the left ● key, then scroll ▼ to select **Import contacts**. Press the left ● key twice to confirm.

#### Note

When you update your mobile line contacts, follow steps 1-3 above to re-import all contacts to D87.

## 4 Using the phone

### 4.1 Switch the handset on / off






1. Press and hold .

### 4.2 Calls

#### 4.2.1 Make a call

1. Press .
2. Dial the number.

#### 4.2.2 Preparatory dialing

1. Dial the number first. If you make a mistake, press the right  key to delete the last digit.
2. Press .
3. Scroll  or  to select the landline or mobile device from which you want to make a call.
4. Press  to dial.

#### 4.2.3 Quickdial call







1. If you have stored the quickdial numbers, press and hold on the keypad in standby. Then select the landline or mobile device from which you want to make a call. The saved phone number will dial automatically. To set up a quickdial number, see page 31.

#### 4.2.4 Call from the Contacts or Calls list


1. You can make a call from the Contacts (see page 28) or Calls list (see page 45).

#### 4.2.5 Make a call from the paired Bluetooth device


Make sure you have paired your mobile device to D87, see page 21.

1. Press  in standby, **Home Phone** is displayed on the top of the handset screen.
2. Press the right navigation key once to view contacts stored in mobile device 1, or press the right navigation key again to view contacts stored in mobile device 2.
3. Scroll  or  to select a **contact**. Press .
4. Press  or  to confirm whether the landline or mobile line will be used to make the call.

#### 4.2.6 End a call

1. Press , or place the handset back on the base or charger cradle.


#### Note

If Auto end call (see page 40) is switched off, you will need to press  to end a call.



### 4.2.7 Receive a call



When you receive an external call, the phone rings and you will see on the display from which line the call is.

1. Press  to answer the call.

#### Note



If Auto answer (see page 40) is switched on, you can simply lift the handset from the base or charger cradle to answer a call.

### 4.3 Adjust the earpiece / hands-free volume

During a call, press  or  to increase or decrease the volume. There are 5 levels to choose from.

### 4.4 Mute

You can mute your handset so that you can talk to someone nearby without your caller hearing.

1. During a call, press the right  key. The display shows **Call muted** and your caller cannot hear you.
2. Press the right  key again to resume your call.

### 4.5 Intercom


#### 4.5.1 Make an internal call

If more than one handset is registered to the base, internal calls can be made between two handsets.



1. Press  in standby.
2. Scroll  to select the handset to be called and press .

#### 4.5.2 Receive an internal call

When you receive an internal call, the handset number that is calling you is displayed.

1. Press  to answer the call.




#### Note

If during an internal call you receive an incoming call, you will hear an alert tone on the handset. Press the left  key then  to hang up the internal call and answer the incoming call.

#### 4.5.3 Transfer a call

You can transfer an external call to another handset registered to the base.

##### During an external call:

1. Press the left  key, scroll  to select **Transfer call**, press the left  key.
2. If only 2 handsets are registered to the base, the other handset rings automatically.

3. If more than 2 handset are registered to the base, scroll ▼ to select the handset that is to be called and press the left ● key.
4. When the other handset answers, press the left ● key to complete the transfer.


### Note

Your external call resumes automatically after 30 seconds if there is no answer.

### 4.5.4 3-way conference call

You can hold a 3-way conference call with 2 external calls, or between 2 internal callers and 1 external caller.




#### During a call with the first caller:

1. Press the left ● key, select **Multi Call**, press the left ● key.
2. You can either:
  - enter the number you want to call and press the right ● key; or
  - press the left ● key and scroll ▼ to select the handset that is to join the call and press the left ● key.
3. All three callers are now connected to the conference call.
4. Press  to end the call.

## 4.6 Hands-free

To talk to the caller without holding the handset and for other people in the room to listen to the conversation over the loudspeaker, simply use the hands-free function.

### 4.6.1 Make a hands-free call

1. Dial the number and then press .
2. Press  again to switch the call to loudspeaker.
3. Press  to end the call.

### 4.6.2 Answer a call hands-free

Press  twice to answer the call in hands-free.

### Note

Press  to switch the call between the earpiece and the loudspeaker.

During a hands-free call, press ▲ or ▼ to adjust the volume.

## 4.7 Redial

You can enter the calls list to redial a number, see page 44.

## 4.8 Paging / Find handset

You can alert a handset user that they are wanted or locate a missing handset.

1. Press **FIND** on the base. All handsets registered to the base will ring.
2. To stop the ringing, press **FIND** on the base again or press any button on the handset.

## 5. Contacts

You can store up to 3000 names and numbers in your home phone's contacts or downloaded from 2 mobile phones. Each record can store up to 3 numbers. Names can be up to 25 characters long and numbers up to 24 digits. You can use each number to make a call using the landline or a connected mobile line.

### 5.1 Store a name and number

If the phone is connected to a switchboard, you may need to enter a pause in a stored number. This gives the switchboard time to find an outside line. A pause is normally stored after the switchboard access code (e.g. 9).

When storing a number, press and hold **0\_** until the display shows P. Then you can continue storing the phone number.

If you have subscribed to Caller ID Service and wish to display the name of your caller as well as the number, save the full telephone number including the area code to your contacts.

You can store multiple entries under the same name. However, to prevent unnecessary duplicated entries, you can only store the same number once.

1. Press **[C]** in standby to access the contact list.
2. Press the left **●** key, select **Add contact**.
3. Press the left **●** key, enter the name and press **▼**.
4. Enter the home number and press **▼**.
5. Enter the mobile number and press **▼**.
6. Enter the work number and press **▼**.
7. Press the left or right navigation key to select a ringtone.
8. Press the left **●** key to save.

#### Note

You must enter at least the name and one number in order to save the contact.

#### Entering names

Use the keypad letters to enter names, e.g. to store Tom:

Press **8<sub>TV</sub>** once to enter T.

Press **6<sub>MO</sub>** three times to enter o.

Press **6<sub>MO</sub>** once to enter m.

#### Writing tips






Press the right **●** key to delete the last character or digit.

Press the left or right navigation key to move between characters.











Press **0\_** to insert a space.

Press **\_#** to switch between the uppercase, lowercase letters and numbers.

## 5.2 View or dial an entry

1. Press  in standby to access the contact list.
2. Press the left or right navigation key to access the contact list from **Home Phone** or mobile lines.
3. Scroll  or  to select a contact, press  to view the information or  to dial the number.

## 5.3 Edit a name and number

1. Press  in standby to access the contact list.
2. Press the left or right navigation key to access the contact list from **Home Phone**.
3. Scroll  or  to select a contact.
4. Press the left  key, select **Edit contact**.
5. Press the left  key, edit the name and press .
6. Edit the home number and press .
7. Edit the mobile number and press .
8. Edit the work number and press .
9. Press the left or right navigation key to select a ringtone.
10. Press the left  key to save.

### Note


For information of how to edit the name and number, see page 27.

You can block your contact (see page 34), add your contact to the VIP (see page 36) or speed dial list (see page 31).

## 5.4 Import mobile line contacts

For information of how to import mobile line contacts to D87, see page 23.

## 5.5 View imported mobile line contacts

1. Press  in standby, **Home Phone** is displayed on the top of the handset screen.
2. Press the right navigation key once to select and view contacts in mobile device 1, or press the right navigation key again to select and view contacts in mobile device 2.

## 5.6 Copy mobile line contacts

You can copy mobile line contacts to landline contacts.

### 5.6.1 Copy selected mobile line contacts

1. Press **[C]** in standby, **Home Phone** is displayed on the top of the handset screen.
2. Press the right navigation key once to select and view contacts in mobile device 1, or press the right navigation key again to select and view contacts in mobile device 2.
3. Press the left **●** key, **Copy contacts** is displayed.
4. Press the left **●** key, scroll **▲** or **▼** then press **OK** to select or deselect a contact or multiple contacts.
5. Press the left **●** key, then select **Copy selected**. If you want to deselect all contacts, select **Clear selection**. Then press the left **●** key.
6. Press the left **●** key again or **OK** to confirm or the right **●** key to cancel.

### 5.6.2 Copy all mobile line contacts

1. Press **[C]** in standby, **Home Phone** is displayed on the top of the handset screen.
2. Press the right navigation key once to select and view contacts in mobile device 1, or press the right navigation key again to select and view contacts in mobile device 2.
3. Press the left **●** key, **Copy contacts** is displayed. Press the left **●** key.
4. Press the left **●** key again, **Select all** is displayed.
5. Press the left **●** key, all contacts are selected.
6. Press the left **●** key, then select **Copy selected**. If you want to deselect all contacts, select **Clear selection**. Then press the left **●** key.
7. Press the left **●** key again or **OK** to confirm or the right **●** key to cancel.

#### Note

You can check if there is enough space before copying and storing contacts (see page 30).

## 5.7 Delete selected contacts

### For landline

1. Press **[C]** in standby to access the contacts.
2. Press the left or right navigation key to access the contact list from **Home Phone**.
3. Press the left **●** key, select **Delete**.
4. Press the left **●** key, scroll **▲** or **▼** then press **OK** to select or deselect a contact or multiple contacts.
5. Press the left **●** key, then select **Delete Selected**. If you want to deselect all contacts, select **Clear selection**. Then press the left **●** key.
6. Press the left **●** key again or **OK** to confirm or the right **●** key to cancel.

## 5.8 Delete all contacts

### For landline

1. Press **[C]** in standby to access the contact list from **Home Phone**.
2. Press the left **●** key, scroll **▼** to select **Delete**. Then press the left **●** key.
3. Press the left **●** key again, scroll **▼** to **Select all**.
4. Press the left **●** key, all contacts are selected.
5. Press the left **●** key, then select **Delete Selected**. If you want to deselect all contacts, select **Clear selection**. Then press the left **●** key.
6. Press the left **●** key again or **OK** to confirm or the right **●** key to cancel.

### For mobile lines

1. Press **[C]** in standby.
2. Press the right navigation key once or twice to access the contact list from one of the mobile lines.
3. Press the left **●** key, scroll **▼** to select **Remove all**. Then press the left **●** key.
4. Press the left **●** key again or **OK** to confirm or the right **●** key to cancel.

## 5.9 View the memory status

It shows the number of contacts stored in home phone and 2 mobile phones.

1. Press **[C]** in standby to access the contact list.
2. Press the left **●** key, scroll **▼** to select **Memory status**.
3. Press the left **●** key to view the information.

## 6. Speed dial

Your phone can store 9 speed dial numbers for key 1 and 9. The speed dial number can be up to 24 digits.

### 6.1 View the speed dial list

1. Press the left ● key in standby, scroll ▼ to **Speed dial list**.
2. Press the left ● key, scroll ▼ to view the entries.


### 6.2 Store a speed dial number

1. In standby mode, enter the phone number.
2. Press and hold a speed dial key from 1 - 9 you want to store the number under.
3. If the speed dial key was not assigned before, the new number will be saved directly. If the new number is to replace the old number, press the left ● key to save.

#### Note

If you want to change the speed dial number, repeat the steps in 6.2 above.

### 6.3 Store a contact to the speed dial list

1. Press [C] in standby to access the contacts.
2. Press the left or right navigation key to access the contacts from **Home Phone** or mobile lines.
3. Scroll ▲ or ▼ to select a contact, press .
4. Press the left ● key, scroll ▼ to select **Set speed dial**.
5. Press the left ● key, scroll ▼ to select a speed dial key from 1 - 9 you want to store the number under.
6. Press the left ● key to save.

### 6.4 Dial a speed dial number

In standby mode, press and hold the speed dial key under which the number is stored to make a call directly.

### 6.5 Edit a speed dial number

1. Press the left ● key in standby, scroll ▼ to **Speed dial list**.
2. Press the left ● key, scroll ▼ to select a speed dial key.
3. Press the left ● key, select **Edit** and press the left ● key.
4. Press the right ● key to delete the existing number.
5. Enter the new number and press the left ● key to save.

## 6.6 Delete a speed dial number


1. Press the left ● key in standby, scroll ▼ to **Speed dial list**.
2. Press the left ● key, scroll ▼ to select a speed dial key.
3. Press the left ● key, scroll ▼ to select **Delete** and press the left ● key.
4. Press the left ● key again to confirm or the right ● key to cancel.



## 7. Call control







You can set the phone to block outgoing calls to or incoming calls from certain numbers.

For this feature to work, you must subscribe to Caller ID Service from your network operator. A subscription fee may be payable.

You can go to **Call Control** through the handset menu, or by pressing the dedicated  key on the handset.












### 7.1 Outgoing call control

#### 7.1.1 Switch on/off and set a blocking mode

1. Press  in standby. Enter the access PIN (default = 0000).
2. Press the left  key, **Call Blocking** is displayed.
3. Press the left  key, **Blocking settings** is displayed.
4. Press the left  key, under **On/Off**, scroll the left and right navigation key to select **On** or **Off**.
5. Scroll  to **Blocking mode**, scroll the left and right navigation keys to select **International**, **Ans. phone** (i.e. calls always sent to the answer machine), **custom** (i.e. set by the customer) or **Announce** (calls screened by the answer machine) to be barred.
6. Press the left  key to save.

#### 7.1.2 Set the announcement


This is the message you leave to notify your family that the number is barred.

1. Press  in standby. Enter the access PIN (default = 0000).
2. Press the left  key, **Call Blocking** is displayed.
3. Press the left  key, scroll  to select **Announce message**.
4. Press the left  key, scroll  or  to select either **Record name**, **play message**, or **Use default msg** and press the left  key.
  - If you select **Record name**, once you hear the beep, speak the names or numbers into the handset. To end and save your recording, press the left  key. The names and numbers that are being barred will be included in the message.
  - If you select **Play message**, the current outgoing message will play back.
  - If you select **Use default msg**, press the left  key and scroll the left or right navigation key to select **On** or **Off**. Press the left  key to confirm.

## 7.2 Incoming call control


### 7.2.1 Add numbers to the blacklist

When phone numbers are added to the blacklist, calls from those phone number will not ring on your phone. Up to 1000 numbers can be added to an invisible blacklist.


1. Press  in standby. Enter the access PIN (default = 0000).
2. Press the left ● key, **Call Blocking** is displayed.
3. Press the left ● key, scroll ▼ to select **Block numbers**.
4. Press the left ● key, **Add numbers** is displayed.
5. Press the left ● key, enter the number.
6. Press the left ● key to confirm.

### 7.2.2 Add area codes to the blacklist

When area codes are added to the blacklist, all incoming calls from those areas will be blocked.


1. Press  in standby. Enter the access PIN (default = 0000).
2. Press the left ● key, **Call Blocking** is displayed.
3. Press the left ● key, scroll ▼ to select **Block numbers**.
4. Press the left ● key, scroll ▼ to select **Area codes**.
5. Press the left ● key, enter the area code.
6. Press the left ● key to save.
7. To add another area code, press the left ● key.
8. **Add area code** is displayed.
9. Press the left ● key, enter the area code.
10. Press the left ● key to save. Repeat steps 7 - 10 above.

### 7.2.3 Remove all blocked numbers from the blacklist


1. Press  in standby. Enter the access PIN (default = 0000).
2. Press the left ● key, **Call Blocking** is displayed.
3. Press the left ● key, scroll ▼ to select **Block numbers**.
4. Press the left ● key, scroll ▼ to select **Delete all**.
5. Press the left ● key twice to confirm.

### 7.2.4 Add numbers to the allowed list

When phone numbers are added to the allowed call, calls from those phone numbers are always accepted to your phone.


1. Press  in standby. Enter the access PIN (default = 0000).
2. Press the left ● key, **Call Blocking** is displayed.
3. Press the left ● key, scroll ▼ to select **Allow numbers**.
4. Press the left ● key, **Add number** is displayed.
5. Press the left ● key, enter the number.
6. Press the left ● key to confirm.

### 7.2.5 Remove all blocked numbers from the blacklist

1. Press  in standby. Enter the access PIN (default = 0000).
2. Press the left ● key, **Call Blocking** is displayed.
3. Press the left ● key, scroll ▼ to select **Allow numbers**
4. Press the left ● key, scroll ▼ to select **Delete all**.
5. Press the left ● key twice to confirm.

## 7.3 Do Not Disturb mode













When **Do not disturb** mode is activated, your handset does not ring and the handset screen does not light up. If you still want to receive important calls, you can set to exclude certain VIP calls from **Do Not Disturb** mode.

1. Press  in standby. Enter the access PIN (default = 0000).
2. Press the left ● key, scroll ▼ to select **Do Not Disturb**.
3. Press the left ● key, under **On/Off**, scroll the left and right navigation key to select **On**, **Timed** or **Off**.
4. If you select **Timed**, press ▼, enter the start time (HH:MM) e.g. 10:30. Press ▼, scroll the left or right navigation keys to select **AM** or **PM** if you preset the time format to 12 hours. press ▼, enter the end time (HH:MM) e.g. 11:30. Press ▼, press the left or right navigation keys to select **AM** or **PM** if you preset the time format to 12 hours. For information on time settings, see page 37.
5. Press ▼ to **VIP calls**, scroll the left and right navigation keys to select **Allowed** or **Barred**.
6. Press the left ● key to save.














## 7.4 VIP list

When contacts are added to the VIP list, you can set to exclude this list from **Do not disturb** mode. Make sure you have **VIP calls** set to **Allowed** (see page 45).

#### 7.4.1 Add contacts to the VIP list








1. Press  in standby. Enter the access PIN (default = 0000).
2. Press the left  key, scroll  to select **VIP list**.
3. Press the left  key, you will be asked to add VIPs.
4. Press the left  key to view the contact list.
5. Scroll  or  and press  to select the contacts.
6. Press the left  key, **Add selected** is displayed. If you want to deselect your contacts, scroll  to select **Clear selection**.
7. Press the left  key to save.
8. To add more VIPs to the list, press the left  key.
9. **Add VIPs** is displayed. Repeat steps 5 - 7 above.

#### 7.4.2 Remove contacts from the VIP list

1. Press  in standby. Enter the access PIN (default = 0000).
2. Press the left  key, scroll  to select **VIP list**.
3. Press the left  key to view the VIP contact list.
4. Press the left  key, **Remove VIPs** is displayed.
5. Scroll  or  and press  to select the contacts.
6. Press the left  key, **Remove selected** is displayed. If you want to deselect your contacts, scroll  to select **Clear selection**.
7. Press the left  key to save.
8. To remove more VIPs to the list, press the left  key.
9. Scroll  to select **Remove VIPs**. Repeat steps 5 - 7 above.

#### 7.4.3 Set the VIP ringtone

You can identify incoming calls from VIPs easier by assigning a different ringer melody to the VIP list.

1. Press  in standby. Enter the access PIN (default = 0000).
2. Press the left  key, scroll  to select **VIP list**.
3. Press the left  key to view the VIP contact list.
4. Press the left  key, **VIP ringtone** is displayed.
5. Press the left  key, scroll the left and right navigation keys to select a melody of external calls (**Normal** or 1 - 20).
6. Press the left  key to save.




## 8. Clock and alarm

If you have subscribed to Caller ID Service, the date and time will be set on your handset whenever a call is received. You can also manually set the date and time.

### 8.1 Setting the alarm

1. Press the left ● key. Scroll ▼ to **Clock/Alarm**.
2. Press the left ● key, select **Alarm**.
3. Press the left ● key, scroll the left and right navigation keys to select **On once**, **On daily**, **Mon to Fri**, **Sat & Sun** or **Off**.
4. Scroll ▼, enter the time (HH:MM) e.g. 04:30.
5. Scroll ▼, press the left or right navigation keys to select **AM** or **PM** if you preset the time format to 12 hours.
6. Scroll ▼, scroll the left and right navigation key to select a melody. Press the left ● key to save.

#### Note

Once the alarm is set to on,  is displayed. When the alarm sounds, press ,  or the right ● key to stop the alarm. Pressing any other key will snooze the alarm.

### 8.2 Setting time & date

1. Press the left ● key. Scroll ▼ to **Clock/Alarm**.
2. Press the left ● key, scroll ▼ to select **Time and date**.
3. Press the left ● key, enter the time (HH:MM) e.g. 04:30.
4. Scroll ▼, press the left or right navigation key to select **AM** or **PM** if you preset the time format to 12 hours.
5. Scroll ▼, enter the date using the format MM-DD-YYYY e.g. 08/27/21 for 27 August 2021 and press the left ● key to save.

### 8.3 Setting the time format

1. Press the left ● key, scroll ▼ to **Clock/Alarm**.
2. Press the left ● key, scroll ▼ to select **Time format**.
3. Press the left ● key, press the left or right navigation keys to select **12 Hours** or **24 Hours**. Then press the left ● key to save.

## 9. Settings

### 9.1 Sounds

#### 9.1.1 Ring tones and volume

You can set different ringer melodies and adjust ringer volume levels for your internal, external and announced calls (i.e. calls screened by the answer machine). Choose from 20 different ringer melodies and 5 volume levels and **Ringer Off**. You will hear a sample ring and volume level as you scroll to each option.

1. Press the left ● key in standby, scroll ▲ to **Settings**.
2. Press the left ● key, select **Sounds**.
3. Press the left ● key, select **Ringring**.
4. Press the left ● key, scroll the left and right navigation keys to select a melody of external calls (1 - 20).
5. Press ▼, scroll the left and right navigation keys to select a melody of internal calls (1 - 20).
6. Press ▼, scroll the left and right navigation keys to select a melody of announced calls (1 - 20).
7. Press ▼, scroll the left and right navigation keys to select a volume level (1 - 5 and **Ringer Off**).
8. Press the left ● key to confirm or the right ● key to return to the previous menu.

#### 9.1.2 Alert tones on/off

When there is a voice message, you will hear an alert sound. You can switch the sound on or off.

1. Press the left ● key in standby, scroll ▲ to **Settings**.
2. Press the left ● key, select **Sounds**.
3. Press the left ● key, then scroll ▼ to select **Alert tones**.
4. Press the left ● key, scroll the left and right navigation keys to select **On** or **Off**.
5. Press the left ● key to confirm or the right ● key to return to the previous menu.

#### 9.1.3 Handset tones on/off

When you press a button on the handset keypad or to confirm a selection, you will hear a beep. You can switch these beeps on or off.

1. Press the left ● key in standby, scroll ▲ to **Settings**.
2. Press the left ● key, select **Sounds**.
3. Press the left ● key, then scroll ▼ to select **Handset tones**.
4. Press the left ● key, scroll the left and right navigation keys to set the keypad tones **On** or **Off**.

1. Press ▼, scroll the left and right navigation keys to set the confirmation tones **On** or **Off**.
2. Press the left ● key to confirm or the right ● key to return to the previous menu.


## 9.2 Display

You can set the color theme, wallpaper, contrast level and screen saver of your handset screen.

1. Press the left ● key in standby, scroll ▲ to **Settings**.
2. Press the left ● key, scroll ▼ to select **Display**.
3. Press the left ● key, scroll the left and right navigation keys to select a color theme.
4. Press ▼, scroll the left and right navigation keys to select a wallpaper.
5. Press ▼, scroll the left and right navigation keys to select a contrast level.
6. Press ▼, scroll the left and right navigation keys to select a screen saver option.
7. Press the left ● key to confirm or the right ● key to return to the previous menu.

## 9.3 Handset name

If you are using more than one handset with your phone base, you can set a personalized name for each handset to easily distinguish between them. A name can be up to 12 characters long.


1. Press the left ● key in standby, scroll ▲ to **Settings**.
2. Press the left ● key, scroll ▼ to select **Handset name**.
3. The display shows the current name.
4. Edit the name and press the left ● key or  to confirm.

### Note

For information of how to enter the handset name, see “Entering names” and “Writing tips” on page 27.

## 9.4 Language

You can select the language displayed on your handset screen.

1. Press the left ● key in standby, scroll ▲ to **Settings**.
2. Press the left ● key, scroll ▼ to select **Language**.
3. Press the left ● key, scroll ▲ or ▼ to select a language, press the left ● key or  to confirm.

## 9.5 Call settings

You can enable or disable the following call features.


### Auto answer

Lift the cordless handset from the base or charger cradle and you will be connected to the incoming call automatically. You can switch this feature on or off.

### Auto end call

Place the cordless handset to the charger to end the call. You can switch this feature on or off.

### Auto join call

During a call on handset 1, press  on handset 2 to select to join the call with handset 1.

### First ring

When it is switched on, the phone starts ringing immediately before the ID is displayed when receiving a call on the landline. When it is switched off, the caller ID is displayed before the phone starts ringing. For this feature to work, you must first subscribe to the service from your network provider. A subscription fee may be payable.

1. Press the left ● key in standby, scroll ▲ to **Settings**.
2. Press the left ● key, scroll ▼ to select **Call settings**.
3. Press the left ● key, scroll the left and right navigation keys to set the auto answer **On** or **Off**.
4. Press ▼, scroll the left and right navigation keys to set the auto end call **On** or **Off**.
5. Press ▼, scroll the left and right navigation keys to set the auto join calls **On** or **Off**.
6. Press ▼, scroll the left and right navigation keys to set the first ring **On** or **Off**.
7. Press the left ● key to confirm or right ● key to return to the previous menu.

## 9.6 Base settings

### 9.6.1 Ring tone and volume

You can set different ringer melodies and adjust the base ringer volume levels for your external calls. Choose from 5 different ringer melodies and 5 volume levels and **Ringer Off**. You will hear a sample ring and volume level as you scroll to each option.

1. Press the left ● key, scroll ▲ to **Settings**.
2. Press the left ● key, scroll ▼ to select **Base settings**.
3. Press the left ● key, scroll ▼ to select **Ringtone**.
4. Press the left ● key, scroll the left and right navigation keys to select a melody (1 - 5).



5. Press ▼, scroll the left and right navigation keys to select a volume level (1 - 5 and **Ringer Off**).
6. Press the left ● key to confirm or right ● key to return to the previous menu.

### 9.6.2 Flash time

Depending on your country and network operator, your phone has the flash time set to **Long**. It is unlikely that you need to change this setting unless advised to do so.

1. Press the left ● key. Scroll ▲ to **Settings**.
2. Press the left ● key, scroll ▼ to select **Base settings**.
3. Press the left ● key, scroll ▼ to select **Flash time**.
4. Press the left ● key, press ▲ or ▼ to select **Short, Medium** or **Long**.
5. Press the left ● key to confirm.

### 9.6.3 Dial mode

Your phone is set to tone dialing. You should only need to change this if connected to an older type of switchboard / PBX which requires pulse dialing.

1. Press the left ● key, scroll ▲ to **Settings**.
2. Press the left ● key, scroll ▼ to select **Base settings**.
3. Press the left ● key, scroll ▼ to select **Dial mode**.
4. Press the left ● key. Then press ▲ or ▼ to select **Tone** or **Pulse**.
5. Press the left ● key to confirm.

### 9.6.4 Area code

The area code must be 3 digits long.

1. Press the left ● key, scroll ▲ to **Settings**.
2. Press the left ● key, scroll ▼ to select **Base settings**.
3. Press the left ● key, scroll ▼ to select **Area code**.
4. Press the left ● key, enter or edit the area code.
5. Press the left ● key to confirm.

### 9.6.5 PBX code

If you are connected to a switchboard, you may be required to enter a PBX code (e.g. '9') before you dial the number. Your phone will automatically add this code in front of each number you dial.

1. Press the left ● key, scroll ▲ to **Settings**.
2. Press the left ● key, scroll ▼ to select **Base settings**.
3. Press the left ● key, scroll ▼ to select **PBX code**.
4. Press the left ● key, enter the code.
5. Press the left ● key to confirm.

## 9.7 Software version

You can view the current software version using for your handset and base.

1. Press the left ● key, scroll ▲ to **Settings**.
2. Press the left ● key, scroll ▼ to select **S/ware version**.
3. Press the left ● key to see the information.

## 9.8 Registration

Up to 6 handsets can be registered to one base station. Additional handsets must be registered to the base before you can use them.

- The instructions described below apply specifically to your handset. If you wish to register another manufacturer's handset, the instructions may vary. In this case, please refer to the manufacturer of the additional handset.
- The Master PIN is required before you can register or unregister handsets. The PIN is 0000.

### 9.8.1 Register a handset

1. Press the left ● key in standby, scroll ▲ to **Settings**.
2. Press the left ● key, scroll ▼ to select **Registration**.
3. Press the left ● key, scroll ▼ to select **Register**.
4. Press the left ● key. Then press and hold **FIND** on the base until you hear a beep.
5. Press the left ● key on the handset to start the registration.
6. Enter the PIN if necessary. It will take less than 2 minutes for the handset to complete the registration.

### 9.8.2 De-register a handset

1. Press the left ● key in standby, scroll ▲ to **Settings**.
2. Press the left ● key, scroll ▼ to select **Registration**.
3. Press the left ● key, scroll ▼ to select **De-register**.
4. Press the left ● key, scroll ▲ or ▼ to select the handset you want to delete.
5. Press the left ● key. Enter the PIN if necessary. De-registration is complete.

## 9.9 Change the system PIN

The system PIN is different from the call control PIN and remote access PIN.

1. Press the left ● key, scroll ▲ to **Settings**.
2. Press the left ● key, scroll ▼ to select **Change Sys. PIN**.
3. Press the left ● key, enter the 4 digit PIN.
4. Press the left ● key, enter the 4 digit PIN again.
5. Press the left ● key to confirm.

## 9.10 Restore default settings

### 9.10.1 Reset the handset or base

You can restore your D87 to its default (original) settings. All the handsets that are registered to the base will be retained.

#### Important

Resetting your phone will restore all handset and base settings to its default settings but Contacts and Calls lists will be retained.

1. Press the left ● key, scroll ▲ to **Settings**.
2. Press the left ● key, scroll ▼ to select **Reset**.
3. Press the left ● key, scroll ▲ or ▼ to select **H/set settings** (if you want to reset the handset) or **Base settings** (if you want to reset the base).
4. Press the left ● key twice to confirm. The handset will restart automatically.

### 9.10.2 Clear the handset or base user data

This will delete the information of all your Contacts, Calls list, incoming and outgoing messages on the answer machine.

## 9.11 Default settings

Handset name	Handset
Ringer tone	
• Handset	1
• Mobile	3
• Base	1
Handset ringer volume	3
Base ringer volume	3
Ear volume	2
Hands-free volume	3
Flash time	600 ms
Contacts	Empty
Calls list	Empty
PIN code	0000
Dial mode	Tone
First ring	Off
Display contrast	3
Wallpaper	4
Screen saver	Off
Language	English
Answer mode	Ans. & record

## 10. Caller ID and the Calls list

### 10.1 Caller ID

To use Caller ID, you must first subscribe to the service from your network provider. A subscription fee may be payable.

If you have subscribed to a Caller ID Service, you will be able to see your caller's number on your handset (provided it is not withheld) prior to answering the call. The display can show the last 12 digits or 12 characters of the phone numbers or names.

If your caller's name and number are stored in Contacts and a number match is found, you will see the caller's name on the display as well. To ensure that the caller's name is displayed, make sure you have stored the full telephone number, including the area code in Contacts.

If the call is a private call, **Private** will be displayed.

If the number is unavailable, **Unavailable** will be displayed.

If the call is from an international number, the number and **International** will be displayed.

If the call is from the operator, **Operator** will be displayed.



If the call is from a payphone, **Payphone** will be displayed.







If the call is from a ringback request, **Ringback** will be displayed.

### 10.2 Calls list






The Calls list stores details of your last 50 incoming calls and 30 outgoing calls, including the phone number and date and time of the call. The Calls list also alerts you when you have unanswered calls.

The caller's details are stored in the Calls list whether or not you have answered the call. The list is shared by all handsets registered to the base. When the list is full, and a new call is received, the oldest entry will be deleted automatically.


When you have missed call(s) (incoming calls that you haven't answered),  is displayed on all handsets registered to the base. Press the left  key to see the callers details.

1. Press the right  key in standby to open the Calls list.
  - The most recent number (and name if stored in Contacts) is displayed.
2. Press  or  to scroll through the list.
  - If the call was answered,  is displayed as you scroll to the entry. If the call was unanswered,  is displayed as you scroll to the entry.
  - Press the left  key to access the options to view, store the entry to your contacts, delete the number, delete all numbers. allow or block the number.

#### 10.2.1 View the Calls list

1. Press the right  key in standby to open the Calls list.
2. Scroll  or  to the entry you want.
3. Press the left  key, the display shows **Show details**.
4. Press the left  key to view the number and type of calls.

### 10.2.2 Dial a number in the Calls list

1. Press the right ● key in standby to open the Calls list.
2. Scroll ▲ or ▼ to the entry you want.
3. Press the left ● key, the display shows **Show details**. Press the left ● key.
4. Press the left ● key again or , then select the landline or mobile line to dial the displayed entry.

### 10.2.3 Store a Calls list number to the contact list

If a phone number is stored in the calls list but is not yet stored in Contacts, you can save the name and number.

1. Press the right ● key in standby to open the Calls list.
2. Scroll ▲ or ▼ to the entry you want.
3. Press the left ● key, scroll ▼ to **Save number**.
4. Press the left ● key, Scroll ▲ or ▼ to select **New contact** or **Add to contact**.
5. Follow the screen instruction to complete the details.
6. Press the left ● key to save.

### 10.2.4 Allow a number

1. Press the right ● key in standby to open the Calls list.
2. Scroll ▲ or ▼ to the entry you want.
3. Press the left ● key, scroll ▼ to **Allow number**.
4. Press the left ● key twice to confirm.

### 10.2.5 Block a number

1. Press the right ● key in standby to open the Calls list.
2. Scroll ▲ or ▼ to the entry you want.
3. Press the left ● key, scroll ▼ to **Block number** (displayed if the number is not blocked) or **Unblock number** (displayed if the number has been blocked).
4. Press the left ● key twice to confirm. To unblock this number, repeat steps 1 - 4.

### 10.2.6 Delete an entry

1. Press the right ● key to open the Calls list.
2. Scroll ▲ or ▼ to the entry you want.
3. Press the left ● key, scroll ▼ to **Delete call**.
4. Press the left ● key to confirm.

### 10.2.7 Delete the entire Calls list

1. Press the right ● key to open the Calls list.
2. Scroll ▲ or ▼ to the entry you want.
3. Press the left ● key, scroll ▼ to **Delete all**.
4. Press the left ● key twice to confirm.

## 11. Using your Answering Machine

The phone can digitally record up to 60 minutes of messages.

The answering machine can be operated from:

- the base
- the handset
- remotely, from any other DTMF telephone, see page 51.

### 11.1 Switch the answering machine on / off

#### Using the base:

1. Press **ANS. ON** to switch the answering machine on / off. You will hear 'Answer phone on' or 'Answer phone off'. The **ANS. ON** light will turn on or off.

#### Using the handset:

1. Press the left ● key, **Answer Phone** is displayed.
2. Press the left ● key, scroll ▼ to **Answer mode**.
3. Press the left ● key, under **Answer on/off**, scroll the left and right navigation keys to select **On** or **Off**.
4. Press the left ● key to save.

### 11.2 Listening to your messages

#### Using the base:

1. Press **PLAY ▶■** to listen to your messages.
2. If there are no messages, you will hear 'You have no messages' when pressing **PLAY ▶■**.

#### During playback:



- Press **PLAY ▶■** to stop message playback.
- Press **SKIP ▶|** to listen to the next message.
- Press **◀ SKIP** once to listen to the current message again. Press twice to listen to the previous message.
- Press **VOL. +** or **VOL. -** to turn the volume up or down.
- Press **DELETE** to delete the current message.

#### Note

When in standby, press **DELETE** twice to delete all old messages.

#### Using the handset:

1. Press the left ● key, **Answer Phone** is displayed.
2. Press the left ● key, **View messages** will be displayed if there are messages.

3. Press the left ● key, a list of messages is displayed with the most recent first. You can either:
  - scroll ▲ or ▼ to select a new message, press  to listen to the message; or
  - press the left ● key, then press the left ● key again to listen to all messages.
4. During playback, there is a list of options.
  - Press ▲ or ▼ to adjust the playback volume.
  - Press  to switch hands-free on or off during playback.
  - Press the left navigation key to repeat the current message.
  - Press the left ● key to delete the message.
5. You will hear 'End of messages' at the end of the message playback.

### 11.3 Delete a message

#### Using the base:

Press **DELETE** during playback.

#### Using the handset

1. Press the left ● key, **Answer Phone** is displayed.
2. Press the left ● key, **View messages** will be displayed if there are messages.
3. Press the left ● key, a list of messages is displayed with the most recent first.
4. Scroll ▲ or ▼ to select a new message.
5. Press the left ● key, scroll ▼ to select **Delete message**.
6. Press the left ● key, "**Delete message?**" is shown on the display.
7. Press the left ● key to confirm.

### 11.4 Delete all messages

#### Using the base:

Press **DELETE** in standby. When hearing a voice prompt, press **DELETE** again to confirm.

#### Using the handset

1. Press the left ● key, **Answer Phone** is displayed.
2. Press the left ● key, **View messages** will be displayed if there are messages.
3. Press the left ● key, a list of messages is displayed with the most recent first.
4. Press the left ● key, select **Delete old msgs**.
5. Press the left ● key, "**Delete all old message?**" is shown on the display.
6. Press the left ● key to confirm.

## 11.5 Outgoing messages

This is the message your callers hear on the answer machine. There are two pre-recorded outgoing messages, or you can record your own.

### 11.5.1 Answer and record

The pre-set outgoing message, that allows your caller to leave a message, is 'Hello, your call cannot be taken at the moment, so please leave your message after the tone'.

### 11.5.2 Answer only



The caller can listen to your outgoing message but cannot leave a message. The pre-recorded message is 'Hello, your call cannot be taken at the moment, and you cannot leave a message, so please call later.'

### 11.5.3 Record, play or delete your own outgoing message

1. Press the left ● key, **Answer Phone** is displayed.
2. Press the left ● key, scroll ▼ to **Outgoing msg.**
3. Press the left ● key, scroll ▼ to select either **Ans. & record** or **Answer only**.
4. Press the left ● key, scroll ▲ or ▼ to select either **Record message, play message**, or **Use default msg** and press the left ● key.
  - If you select **Record message**, once you hear the beep, speak your outgoing message into the handset. To end and save your recording, press the left ● key. The recorded outgoing message will play back.
  - If you select **Play message**, the current outgoing message will play back.
  - If you select **Use default msg**, press the left ● key and scroll the left or right navigation key to select **On** or **Off**. Press ▼ then the left or right navigation key to select male or female voice recording. Press the left ● key to confirm.

## 11.6 Record memo

This is the voice memo you leave on the answering machine for your family.

1. Press the left ● key, **Answer Phone** is displayed.
2. Press the left ● key, scroll ▼ to **Record memo**.
3. Press the left ● key. Start recording your memo once you hear the beep, speak your message into the handset.
4. Press the left ● key to save. To stop recording and listen to the memo. To delete your message, press the right ● key.
5. Your family will see the notification on the handset screen. Press  to access **Answer Phone**, then scroll ▲ or ▼ to select a memo and press  to listen to the memo.



## 11.7 Answer mode .

1. Press the left ● key, **Answer Phone** is displayed.
2. Press the left ● key, scroll ▼ to **Answer mode**.
3. Press the left ● key, under **Answer on/off**, scroll the left or right navigation key to select **On** or **Off**.
4. Scroll ▼ to select either **Ans. & Rec** or **Answer only**.
5. Press the left ● key to save.

## 11.8 Settings

### 11.8.1 Set the maximum length of message and alert

The maximum length of a message your caller can leave can be set to 3 minutes.

1. Press the left ● key, **Answer Phone** is displayed.
2. Press the left ● key, scroll ▼ to **Settings**.
3. Press the left ● key, scroll ▼ to **Ans. & record**.
4. Press the left ● key, under **Max. msg length**, scroll the left or right navigation key to select an option.
5. Scroll ▼ to **Message alert**, scroll the left or right navigation key to select **On** or **Off**.
6. Press the left ● key to save.

### 11.8.2 Call screening

When activated, you can hear the caller who is leaving a message. Then you can choose whether to pick up the call or not.

1. Press the left ● key, **Answer Phone** is displayed.
2. Press the left ● key, scroll ▼ to **Settings**.
3. Press the left ● key, scroll ▼ to **Call screening**.
4. Press the left ● key, then you can
  - scroll ▲ or ▼ to select **Handset**. Press the left ● key, scroll the left and right navigation keys to select **On** or **Off**; or
  - scroll ▲ or ▼ to select **Base**. Press the left ● key, scroll the left and right navigation keys to select **On** or **Off**. Press ▼ and to select a base volume.
5. Press the left ● key to save.

### 11.8.3 Set the answer machine auto on/off

You can set the time when the answer machine turns on or off.

1. Press the left ● key, **Answer Phone** is displayed.
2. Press the left ● key, scroll ▼ to **Settings**.
3. Press the left ● key, scroll ▼ to **Auto on/off**.
4. Press the left ● key, under **On/off**, scroll the left or right navigation key to select **Off**, **On once**, **Daily**, **Mon - Fri**, **Sat** or **Sun**.
5. Scroll ▼ to **On time**, enter the time for the answer machine to switch on (HH:MM) e.g. 04:30.
6. Scroll ▼ to **AM/PM**, if you have selected the 12 hours format (see page 13), press the left or right navigation button to select **AM** or **PM**.
7. Scroll ▼ to **Off time**, enter the time for the answer machine to switch on (HH:MM) e.g. 04:30.
8. Scroll ▼ to **AM/PM**, if you have selected the 12 hours format (see page 13), press the left or right navigation button to select **AM** or **PM**.
9. Press the left ● key to save.

## 11.9 Ring delay

Select the duration of rings before your answer machine picks up the call. Choose from 2-10 rings or **Time saver**.

- When set to **Time saver**, if you have new messages, your phone answers after 2 rings.
  - If there are no new messages it will answer after 6 rings. So you have the option to hang up, saving the time and cost of a call.
  - If the memory is full, it will automatically revert to **Answer only** mode.
1. Press the left ● key, **Answer Phone** is displayed.
  2. Press the left ● key, scroll ▼ to **Ring Delay**.
  3. Press the left ● key, scroll ▲ or ▼ to select either **Answer only** or **Ans. & record**.
  4. Press the left ● key, scroll the left and right navigation keys to select the number of rings required and press the left ● key to confirm.

### Note

You can also access the ring delay menu under **Answer Phone > Settings** on the handset.

## 11.10 Remote access

You can operate your answering machine from any DTMF phone by calling your product and entering a 4 digit security PIN code.

1. Dial your telephone number. When you hear your outgoing message, press \* to enter remote access mode.
2. Enter your 4-digit PIN (default setting 0000) you will hear a confirmation beep. Use the keypad to operate the answering machine.

Press 1 to listen to the current message again.	Press 6 to listen to the next message.
Press 2 to listen to all messages.	Press 8 to listen to outgoing messages.
Press 3 to delete the current message.	Press 9 to record an outgoing message.
Press 4 to listen to the previous message.	Press 0 to enter the remote access menu.
Press 5 to turn the answering machine on or off.	Press # to enter answer mode.

### 11.10.1 Set the remote access on/off

1. Press the left ● key, **Answer Phone** is displayed.
2. Press the left ● key, scroll ▼ to **Settings**.
3. Press the left ● key, scroll ▼ to **Remote access**.
4. Press the left ● key, select **On/off**.
5. Press the left ● key, scroll the left or right navigation key to select **On** or **Off**.
6. Press the left ● key to confirm.

### 11.10.2 Change the remote PIN

1. Press the left ● key, **Answer Phone** is displayed.
2. Press the left ● key, scroll ▼ to **Settings**.
3. Press the left ● key, scroll ▼ to **Remote access**
4. Press the left ● key, scroll ▼ to select **Change PIN**.
5. Press the left ● key, you need to recall the old PIN that is used for the remote access and call control.
6. Press the left ● key, enter the old PIN.
7. Press the left ● key, enter the new PIN.
8. Press the left ● key, enter the new PIN again.
9. Press the left ● key to confirm.

## 11.11 Telephone answer machine language

1. Press the left ● key, **Answer Phone** is displayed.
2. Press the left ● key, scroll ▼ to **DTAM Language**.
3. Press the left ● key, scroll ▲ or ▼ to select the required language and press the left ● key to confirm.

## 12. Help

### The is not scrolling during charge

- Bad battery contact – move the handset slightly.
- Dirty contact – Clean the battery contact with a cloth moistened with alcohol.
- Battery is full – no need to charge.

### No dialing tone

- No power – check the connections. Reset the phone: unplug and plug back in the mains.
- Batteries are empty – charge the batteries for at least 16 hours.
- You are too far from the base – move closer to the base.
- Wrong line cable – use the line cable provided.
- Line adaptor (when needed) is not connected to the line cord – connect the line adaptor (when needed) to the line cord.

### Poor audio quality

- The base is too close to electrical appliances, reinforced concrete walls or metal doorframes – move the base at least one meter away from any electrical appliances.

### No ring tone

- The ring tone is deactivated.
- Increase the volume.
- Make sure the Call Block mode is switched to off.

### Caller ID service does not work

- Check your subscription with your network operator.

### A contact entry cannot be stored

- The contact list is full. Delete an entry to free memory.

### No display

- Try recharging the batteries.
- Try disconnecting and connecting the base power supply.
- If there is no light, then try disconnecting and connecting the base power supply.

### Unable to register another handset

- Maximum number of 6 handsets has been reached.
- The display shows **Searching**. You must de-register a handset in order to register a new one.

### Unable to pair with mobile phone

- The Bluetooth device list is full. Remove one of the mobile devices before pairing a new one.

**Noise interference on your radio or television**

- Your base or charger cradle may be too close. Move it as far away as possible.

**Answer machine does not record messages**

- Switch the answer machine on.
- The memory may be full. If so, you will need to delete some messages.
- Answer mode may be set to Answer only. Change the mode to Ans. & Rec.

**Cannot access messages remotely**

- Remote access may be switched off.
- If wrong PIN is entered, you will hear 'Incorrect access PIN, please enter your access PIN'. Then you can enter the PIN again.

**Cannot record announcement**

- The memory may be full. If so, you will need to delete some messages.

**Answer machine stops automatically**

- The memory may be full. If so, you will need to delete some messages.
- The maximum message length is 3 minutes.

## 13. Technical Specifications

RF Frequency Bands	1.92GHz to 1.93GHz (DECT 6.0)
RF Transmission Power	0.115 W (maximum)
RF Channels	5 Duplex Channels
Power Supply for Base	DC 6.0V, 0.4A
Base Adaptor Power Rating	Input: AC 100V to 240V, 50/60Hz Output: DC 6.0V, 0.4A
Power Supply for Handset	2x DC 1.2V AAA 750mAh Ni-MH rechargeable batteries
Battery information	HFR-AAA750 manufactured by Shenzhen Highpower Technology Co., LTD, or 75AAAHC manufactured by GPI International LTD
Power Supply for Charger Cradle	DC 6.0V, 0.4A
Charger Adaptor Power Rating	Input: AC 100V to 240V, 50/60Hz Output: DC 6.0V, 0.4A

## 14. General information

### Cleaning

- Clean the handset and base (or charger cradle) with a damp (not wet) cloth, or an anti-static wipe.
- Never use household polish as this will damage the product. Never use a dry cloth as this may cause static shock.

### Environmental

- Do not expose to direct sunlight.
- The handset may become warm when the batteries are being charged or during prolonged periods of use. This is normal. However, we recommend that to avoid damage, do not place the product on antique / veneered wood.
- Do not place your product on carpets or other surfaces which generate fibres, or place it in locations preventing the free flow of air over its surfaces.
- Do not submerge any part of your product in water and do not use it in damp or humid conditions, such as bathrooms.
- Do not expose your product to fire, explosives or other hazardous conditions.
- There is a slight chance that your phone could be damaged by an electrical storm. We recommend that you unplug the power and telephone line cord during an electrical storm.

### Product disposal instructions

#### Product disposal instructions for residential users

When you have no further use for it, please remove any batteries and dispose of them and the product according to your local authority's recycling processes. For more information, please contact your local authority or the retailer where the product was purchased.



#### Product disposal instructions for business users

Business users should contact their suppliers and check the terms and conditions of the purchase contract and ensure that this product is not mixed with other commercial waste for disposal.

### Consumer Products and Accessories Warranty

Thank you for purchasing this Motorola branded product manufactured under license by Meizhou Guo Wei Electronics Co. LTD., AD1 section, The economy exploitation area, Meizhou, Guangdong, P.R.China . ("MZGW")

#### What Does this Warranty Cover?

Subject to the exclusions contained below, MZGW warrants that this Motorola branded product ("Product") or certified accessory ("Accessory") sold for use with this product that it manufactured to be free from defects in materials and workmanship under normal consumer usage for the period outlined below. This Limited Warranty is your exclusive warranty and is not transferable.

## Who is covered?

This warranty extends only to the first consumer purchaser, and is not transferable.

## What will MZGW do?

MZGW or its authorized distributor at its option and within a commercially reasonable time, will at no charge repair or replace any Products or Accessories that do not conform to this limited warranty. We may use functionally equivalent reconditioned / refurbished / pre-owned or new Products, Accessories or parts.

## What Other Limitations Are There?

ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY, OTHERWISE THE REPAIR OR REPLACEMENT PROVIDED UNDER THIS EXPRESS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER, AND IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OF IMPLIED. IN NO EVENT SHALL MOTOROLA OR MZGW BE LIABLE, WHETHER IN CONTRACT OR TORT (INCLUDING NEGLIGENCE) FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT OR ACCESSORY, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCTS OR ACCESSORIES TO THE FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW.

Some jurisdictions do not allow the limitation or exclusion of incidental or consequential damages, or limitation on the length of an implied warranty, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from one jurisdiction to another.

Products Covered	Length of Coverage
<b>Consumer Products</b>	<b>One (1) year</b> from the date of the products original purchase by the first consumer purchaser of the product.
<b>Consumer Accessories (battery, power supply(s) and line cords)</b>	<b>Ninety (90) days</b> from the date of the accessories original purchase by the first consumer purchaser of the product.
<b>Consumer Products and Accessories that are Repaired or Replaced</b>	<b>The balance of the original warranty or for ninety (90) days</b> from the date returned to the consumer, whichever is longer.



## Exclusions

**Normal Wear and Tear.** Periodic maintenance, repair and replacement of parts due to normal wear and tear are excluded from coverage.

**Batteries.** Only batteries whose fully charged capacity falls below 80% of their rated capacity and batteries that leak are covered by this limited warranty.

**Abuse & Misuse.** Defects or damage that result from: (a) improper operation, storage, misuse or abuse, accident or neglect, such as physical damage (cracks, scratches, etc.) to the surface of the product resulting from misuse; (b) contact with liquid, water, rain, extreme humidity or heavy perspiration, sand, dirt or the like, extreme heat, or food; (c) use of the Products or Accessories for commercial purposes or subjecting the Product or Accessory to abnormal usage or conditions; or (d) other acts which are not the fault of Motorola or MZGW are excluded from coverage.

**Use of Non-Motorola branded Products and Accessories.** Defects or damage that result from the use of Non-Motorola branded or certified Products or Accessories or other peripheral equipment are excluded from coverage.

**Unauthorized Service or Modification.** Defects or damages resulting from service, testing, adjustment, installation, maintenance, alteration, or modification in any way by someone other than Motorola, MZGW or its authorized service centers, are excluded from coverage.

**Altered Products.** Products or Accessories with (a) serial numbers or date tags that have been removed, altered or obliterated; (b) broken seals or that show evidence of tampering; (c) mismatched board serial numbers; or (d) nonconforming or non-Motorola branded housings, or parts, are excluded from coverage.

**Communication Services.** Defects, damages, or the failure of Products or Accessories due to any communication service or signal you may subscribe to or use with the Products or Accessories is excluded from coverage.

### How to Obtain Warranty Service or Other Information?

To obtain service or information, please call: 1-833-468-1468.

You will receive instructions on how to ship the Products or Accessories at your expense and risk, to a MZGW Authorized Repair Center.

To obtain service, you must include: (a) the Product or Accessory; (b) the original proof of purchase (receipt) which includes the date, place and seller of the Product; (c) if a warranty card was included in your box, a completed warranty card showing the serial number of the Product; (d) a written description of the problem; and, most importantly; (e) your address and telephone number.

## **FCC, ACTA and IC regulations**

### **FCC Part 15**

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

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

Changes or modifications to this equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Privacy of communications may not be ensured when using this telephone.

To ensure safety of users, the FCC has established criteria for the amount of radio frequency energy that can be safely absorbed by a user or bystander according to the intended usage of the product. This product has been tested and found to comply with the FCC criteria. Both the Handset may be safely held against the ear of the user. The telephone base shall be installed and used such that parts of the user's body other than the hands are maintained at a distance of approximately 20 cm (8 inches) or more.

This Class B digital apparatus complies with Canadian ICES-003.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

## FCC Part 68 and ACTA

This equipment complies with Part 68 of the FCC rules and with technical requirements adopted by the Administrative Council for Terminal Attachments (ACTA). This Product Complies With 47CFR PART 68.

The plug and jack used to connect this equipment to premises wiring and the telephone network must comply with applicable Part 68 rules and technical requirements adopted by ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. An RJ11 jack should normally be used for connecting to a single line and an RJ14 jack for two lines. See Installation Instructions in the User's Guide.

The Ringer Equivalence Number (REN) is used to determine how many devices you may connect to your telephone line and still have them ring when you are called. The REN for this product is encoded as the 6th and 7th characters following the US: in the product identifier (e.g., if ## is 03, the REN is 0.3). In most, but not all areas, the sum of all RENs should be five (5.0) or less. For more information, please contact your local telephone company.

This equipment may not be used with Party Lines. If you have specially wired alarm dialing equipment connected to your telephone line, ensure the connection of this equipment does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

If this equipment is malfunctioning, it must be unplugged from the modular jack until the problem has been corrected. Repairs to this telephone equipment can only be made by the manufacturer or its authorized agents. For repair procedures, follow the instructions outlined under the Limited Warranty.

If this equipment is causing harm to the telephone network, the telephone company may temporarily discontinue your telephone service. The telephone company is required to notify you before interrupting service. If advance notice is not practical, you will be notified as soon as possible. You will be given the opportunity to correct the problem and the telephone company is required to inform you of your right to file a complaint with the FCC. Your telephone company may make changes in its facilities, equipment, operation, or procedures that could affect the proper functioning of this product. The telephone company is required to notify you if such changes are planned.

If this product is equipped with a corded or cordless handset, it is hearing aid compatible. If this product has memory dialing locations, you may choose to store emergency telephone numbers (e.g., police, fire, medical) in these locations. If you do store or test emergency numbers, please:

- Remain on the line and briefly explain the reason for the call before hanging up.
- Perform such activities in off-peak hours, such as early morning or late evening.

## **FCC Exposure to Radio Frequency (RF) Signals**

### **For Handset**

This is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on the safety standards previously set by both U.S. and international standards bodies.

These standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. This device and its antenna must not be collocated or operating in conjunction with any other antenna or transmitter. This product has been shown to be capable of compliance for localized specific absorption rate (SAR) for uncontrolled environment/general population exposure limits specified in ANSI/IEEE Std. C95.1-1992 and had been tested in accordance with the measurement procedures specified in FCC/OET Bulletin 65 Supplement C (2001) and IEEE 1528.

### **For Base**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator& your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

### **ISED Warning**

This device complies with Innovation, Science, and Economic Development Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

The device is compliance with RF exposure guidelines, users can obtain Canadian information on RF exposure and compliance.

## **ISED Specific Absorption Rate (SAR) information**

### **For Handset**

SAR tests are conducted using standard operating positions accepted by the ISED with device transmitting at its highest certified power level in all tested frequency bands, although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. Before a new model device is available for sale to the public, it must be tested and certified to the ISED that it does not exceed the exposure limit established by the ISED, tests for each device are performed in positions and locations as required by the ISED. For body worn operation, this model device has been tested and meets the ISED RF exposure guidelines when used with an accessory designated for this product or when used with an accessory that contains no metal.

### **For Base**

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

### **CS-03:**

This product meets the applicable ISED technical specifications.


The REN is an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the Ringer Equivalence Numbers of all the devices does not exceed five.

**REN: 0.1**

## California Energy Commission(CEC)/Canada Battery Charger(NRCAN) Battery Charging Testing

It is not necessary to activate testing mode during normal usage, unless you want to charge the battery only and disable all telephone functions.

### To activate the battery charge testing mode:

1. Ensure handset and base are powered and in range.
2. Press the left ● key, and enter **\*2201** to enter **Test Mode**.
3. Select **Base** and press the left ● key.
4. Scroll ▲ to **BS\_CEC mode** and press the left ● key to confirm.
5. Press .

### To deactivate/exit the battery charge testing mode.

1. Unplug the base power, reconnect the base power.
2. Press the left ● key, and enter **\*2201** to enter **Test Mode**.
3. Select **Handset** and press the left ● key.
4. Scroll ▲ to **HS\_CEC mode** and press the left ● key to confirm.
5. After Handset link to base, it is back to normal mode.



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Version 4.0 (EN\_US)

