

vtech®

Innovation Beyond Technology™

User's manual



Models: ES1310/
ES1310-2/ES1320/
ES1320-2

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1. IMPORTANT SAFETY INSTRUCTIONS

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury, including the following:

1. Read and understand all the instructions.
2. Follow all warnings and instructions marked on the product.
3. Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this product near water (for example, near a bath tub, kitchen sink, swimming pool).
5. Do not expose the telephone to direct sunlight or extreme cold environment. Do not put the telephone close to heating sources such as radiators, cookers, etc.
6. Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.
7. Unplug this product from the wall outlet and refer servicing to VTech under the following conditions:
 - When the power supply cord or plug is damaged or frayed.
 - If the product does not operate normally by following the operating instructions.
 - If the product has been dropped and the cabinet has been damaged.
 - If the product exhibits a distinct change in performance.
8. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
9. Do not use the telephone to report a gas leak in the vicinity of the leak.
10. Use only the supplied NiMH (Nickel Metal Hydride) batteries! The operation periods for the handsets are only applicable with the default battery capacities.
11. The use of other battery types or non-rechargeable batteries/primary cells can be dangerous. These may cause interference and/or unit damages. The manufacturer will not be held liable for damage arising from such non-compliance.
12. Do not use third party charging bays. The batteries may be damaged.
13. Please note the correct polarity while inserting the batteries.
14. Do not immerse batteries in water, do not place in fire.

DISPOSAL WARNING

1. When this crossed-out wheeled bin symbol is attached to a product, it means the product is covered by the European Directive 2002/96/EC.
2. All electrical and electronic products/battery should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.



3. The correct disposal of your old appliance/battery will help prevent potential negative consequences for the environment and human health.

For more detailed information about disposal of your old appliance/battery, please contact your city office, waste disposal service or The Shop where you purchased the product.

2. SET UP THE TELEPHONE

2.1 Package Contents

The package contains the following items:

	ES1310	ES1310-2	ES1320	ES1320-2
Handset	1	2	1	2
Base station	1	1	1	1
AC power adapter	1	1	1	1
Charger		1		1
Telephone line cord	2	2	2	2
AAA rechargeable batteries	2	4	2	4
User's manual	1	1	1	1
Warranty card	1	1	1	1

2.2 Location

For maximum coverage and reduce the interference, here are some guidelines you should consider when you place the base unit:

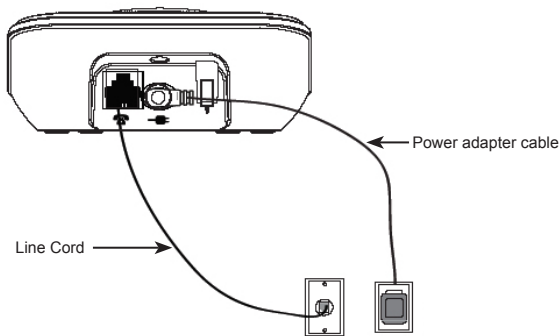
- place it at a convenient, high, and central location with no obstructions between the handset and base unit in an indoor environment.
- place it away from electronic appliances such as televisions, microwave ovens, radios, personal computers, wireless devices or other cordless phones.
- avoid facing radio frequency transmitters, such as external antennas of mobile phone cell stations.
- avoid plugging it into the same circuit as other major household electrical appliances because of the potential interference. Try moving the appliance or the base unit to another power outlet.

The maximum range between the base station and the handset is approximately 300 meters.

If the reception for a base unit location is not satisfactory, move it to another location for better reception.

Depending on the surrounding conditions as well as spatial and structural factors, the range may be reduced. The range indoors is normally less than outdoors.

2.3 Connect the Base Station

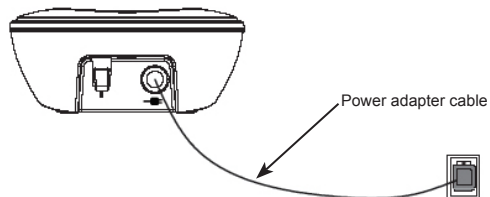


1. Plug the mains power cable into the base station, the other end of the power adapter into the wall outlet not controlled by a wall switch.
2. Plug one end of the telephone line cord into the base station and the other end into the telephone wall socket. If you have DSL high speed internet service, a DSL filter (not included) is required.

NOTES

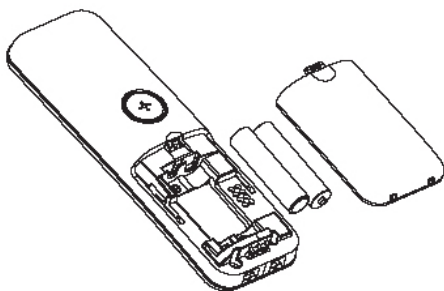
1. Always use the cables supplied with the product.
2. Use only the power adapter supplied with the base station.


2.4 Connect the Charger (For ES1310-2 & ES1320-2 only)



1. Plug the power cable into the charger base.
2. Plug the other end into a power wall socket not controlled by a wall switch.

2.5 Install and Charge the Handset Batteries



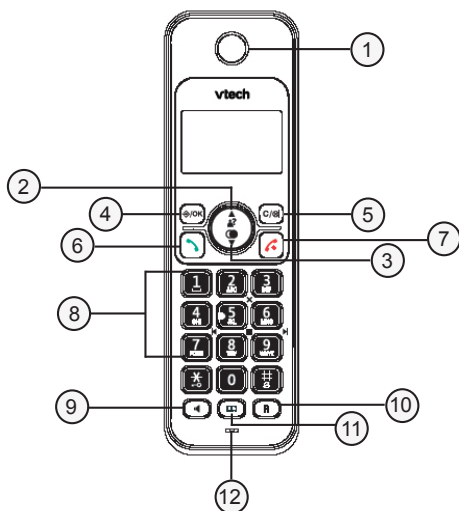
1. Slide open the battery compartment cover to fit the NiMH rechargeable batteries into the handset.
2. Place the two batteries as indicated. Check that the polarity is correct.
3. Slide the battery compartment cover back until it clicks into place.
4. **Place the handset on the base to charge for at least 14 hours.** When the handset is fully charged the  will be steady on screen. A beep indicates that the handset is properly placed on the base or charger.

NOTES

1. Use only the supplied NiMH rechargeable batteries.
2. If you do not use the handset for a long time, disconnect and remove the batteries to prevent possible leakage.

3. GET TO KNOW YOUR PHONE

3.1 Overview of the Handset



1. EARPIECE

2. CALL LIST / UP

In idle mode: Press to access the call list.

In menu mode: Press to scroll up the menu items.

In Phonebook list / Redial list / Call List: Press to scroll up the list.

During a call: Press to increase the volume.

When ringing: Press to increase the ringer volume.

3. REDIAL LIST / DOWN

In idle mode: Press to access the redial list.

In menu mode: Press to scroll down the menu items.

In Phonebook list / Redial list / Call List: Press to scroll down the list.

During a call: Press to decrease the volume.

When ringing: Press to decrease the ringer volume.

4. MENU / OK

In idle mode: Press to access the main menu.

In sub-menu mode: Press to confirm selection shown on-screen.

During a call: Press to access Intercom / Phonebook / Redial List / Call List.

5. CLEAR / BACK /MUTE / INTERCOM

In main menu mode: Press to return to idle screen.

In sub-menu mode: Press to return to previous level.

In sub-menu mode: Press and hold to return to idle screen.

In editing / predialling mode: Press to clear a character / digit.

In editing / predialling mode: Press and hold to delete all the characters / digits.

During a call: Press to mute / unmute the microphone.

In idle mode: Press to use the intercom to contact another handset.

When ringing: Press to temporarily turn off the handset ringer.

6. TALK ON

In idle / predialling mode: Press to make a call.

In Redial list / Call List / Phonebook entry: Press to make a call to the selected entry in the list.

During ringing: Press to answer a call.

7. TALK OFF

During a call: Press to end a call and return to idle screen.

In menu / editing mode: Press to return to previous menu.


In menu / editing mode: Press and hold to return to idle screen.

In idle mode: Press and hold to power off the handset.

In idle mode (when the handset is powered off): Press and hold to power on the handset.

8. ALPHANUMERIC KEYPAD,  (STAR),  (HASH)

Press to insert a digit / character / * / #

 key in idle mode: Press and hold to access the voicemail.

 key in idle mode: Press and hold to enable or disable the keypad lock.

 key in idle mode: Press and hold to turn on / off the ringer.

 key in predialling / number editing mode: Press and hold to insert a pause (P).

 key in Call List / Redial List mode: Press to review caller's number if applicable.

9. SPEAKERPHONE

During a call: Press to turn on / off the speakerphone.

In Idle mode / predialling mode / Redial list / Call List / Phonebook entry: Press to make a call with speakerphone.

During ringing: Press to answer a call with speakerphone.

10. RECALL

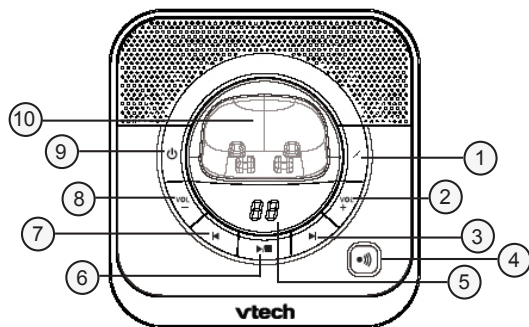
To activate Recall for use with Network services such as Call Waiting.

11. PHONEBOOK

In idle mode: Press to access the phonebook list.

12. MICROPHONE

3.2 Overview of the Base Station



3.2.1 Base Station (ES1320/ES1320-2)

1. DELETE

Press once to delete the message during playback. Press and hold to delete all the messages in idle mode.

Note: New voice messages will not be deleted.


2. VOLUME UP (+)

Increase speaker volume during message playback or increase the base ringer volume when there is an incoming external call.

3. SKIP FORWARD

Press to skip the current message and play the next message.

4. PAGE

Press  on the base to page your handset. The handset will ring for approximately 60 seconds.

5. 7-Segment LED DISPLAY

--	Steady: When answering system is OFF. Flash: When answering system is ON.
00	Steady: No voice messages in answering system.
XX	Flashing: There are XX new voice messages received where XX is from 01 to 59 or when playing new messages. Steady: Playing the current XX incoming old message.
XX/FF	Flashing XX alternatively with FF: There are XX new voice messages received where XX is from 01 to 59 and the memory of the answering system is full. Flashing FF only: Answering system is full and only old voice messages are being stored in the answering system memory.

--/XX	Flashing XX alternatively with --: Time is not set and there are XX new voice messages received where XX is from 01 to 59. Flashing -- only: Time is not set and there are only old voice messages in the answering system memory.
YY	Steady: There are YY old voice messages (no new voice messages).
XX/AN	Flashing XX alternatively with An: XX incoming message is now recording.
LA	Flashing: Remote access is in progress. Playing the current outgoing message. Recording the memo.
LX	Steady: Indicates the current volume level where X is from 1 to 8.

6. **PLAY / STOP**

Press to play the message.
Press to stop the message playback.

7. **SKIP BACKWARD**

Press to repeat playing the current message from the beginning. Press twice to skip backward to the previous message.

8. **VOLUME DOWN (-)**

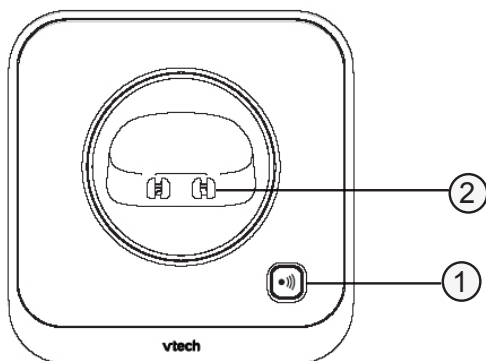
Decrease speaker volume during message playback or decrease the base ringer volume when there is an incoming external call.

9. **ANSWERING SYSTEM ON / OFF**

Press to turn on the answering system. Press again to turn off the answering system.

10. **CHARGING CRADLE**

3.2.2 Base Station (ES1310/ES1310-2)



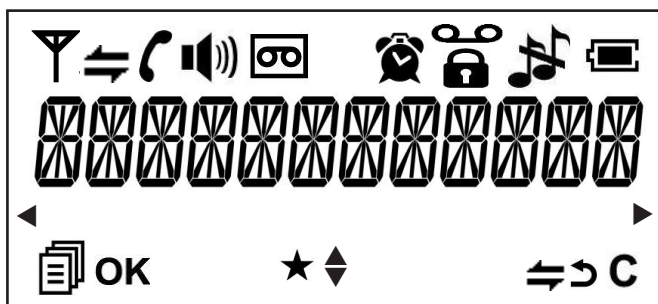
1. PAGE

Press the Page on the base station to page your handset. It will ring for approximately 60 seconds.





















2. CHARGING CRADLE

3.3 Handset LCD Display Icons and Symbols


The LCD display gives you information on the current status of the telephone.



	Scroll up / down the menu items / Phonebook list / Redial list / Call List.
	Steady when the handset is in range of the base. Flashes when out of range of the base or not registered to the base.
	Steady when an intercom is in progress. Flashes when there is an incoming internal call.

	Indicates a call is in progress.
	Indicates that handsfree is being used.
	Indicates that the ringer is switched off.
	Steady when an alarm is set. Flashes when the alarm sounds.
	Indicates that the keypad is locked.
	Indicates when the batteries are fully charged. Flashes when the unit is charging.
	Indicates when the batteries need charging. Flashes when low battery power level is detected.
	Indicates when there are more digits before the text currently displayed.
	Indicates when there are more digits after the text currently displayed.
	Press the  beneath this symbol to select more menu options if applicable.
OK	Press the  beneath this symbol to confirm the current selection if applicable.
	Press the  beneath this symbol to conduct Intercom call when idle.
	Press the  beneath this symbol to return to previous menu level or cancel the current action if applicable.
C	Press the  beneath this symbol to clear a character or stop the alarm if applicable, press to mute / unmute during a call.
	Indicates when you have new messages from your telephone service provider.
	Indicates an unanswered call in the Call List.
 (For ES1320/ ES1320-2 only)	Indicates when the telephone answering system is turned on. Flashes when new messages are received.

3.4 Menu Structure

In idle mode, press  to access the main menu. Use ▲/▼ to scroll through the menu. Refer to the following for the menu structure.

Key Press  ← → ▲/▼ ← → ▲/▼ ← → ▲/▼

Main Menu	CALL LIST	PHONEBOOK	BS SETTINGS
Sub menu	Review Call List Under a selected Call List entry: ADD TO PB DELETE DELETE ALL DETAILS	Review Phonebook List Under a phonebook entry: ADD VIEW EDIT DELETE DELETE ALL PB STATUS	DELETE HS FLASH TIME CHANGE PIN ECO MODE

▲/▼ ← → ▲/▼ ← → ▲/▼ ← → ▲/▼



HS SETTINGS	REGISTRATION	DEFAULT	ANS. SYSTEM (For ES1320/ES1320-2 only)
ALARM RING SETUP TONE SETUP RENAME HS HS DISPLAY AUTO ANSWER DATE & TIME	PIN?	PIN?	MSG PLAYBACK DELETE ALL MEMO ANSWERING SYSTEM ON/OFF ANSWERING SYSTEM SETTINGS • ANSWER MODE • OGM SETTINGS • ANSWER DELAY • RECORD TIME • REMOTE ACC. • BS SCREENING • CHANGE PIN

3.5 Text and Digit Entry Table

The following table shows you where each letter and punctuation character can be found. This will be helpful when storing a name in the phonebook and renaming your handset.

In editing mode, a cursor is displayed to indicate the current text entry position. It is positioned at the right of the last character entered.

NOTES

1. Once a character is selected, the cursor will move to the next position after a short pause.
2. You can move the cursor within the text by pressing ▲/▼ to amend the text entry.
3. Press  to delete the last character.
4. Press and hold  to delete the entire text string.

3.5.1 English Character Set

Key	Alphanumeric Editing (For phonebook name editing and renaming handset)										Number Editing (For phone number editing, date / time editing)
	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	
1	space	-	1								1
2	A	B	C	2							2
3	D	E	F	3							3
4	G	H	I	4							4
5	J	K	L	5							5
6	M	N	O	6							6
7	P	Q	R	S	7						7
8	T	U	V	8							8
9	W	X	Y	Z	9						9
0	0										0, P (Pause)
*	*	?	/	\	()					*
#	#	'	,	-	.	&					#

4. USE YOUR PHONE

4.1 Make a Call









4.1.1 Preparatory Dialling

Enter the phone number and press  or  to dial the number. Press  to clear the entry.









4.1.2 Direct Dialling

Press  or  to access dial tone then enter the phone number.

4.1.3 Call from the Phonebook

Press  to access the phonebook then press / to select the desired phonebook entry. Press  or  to dial out to the selected phonebook entry. Alternatively, press  then / to access the phonebook to get the desired phonebook entry.

4.1.4 Call from the Call List

Press  to access the Call List then press / to select the desired Call List entry. Press  or  to dial out to the selected Call List entry. Alternatively, press  then / to access the Call List from the main menu.

4.1.5 Call from the Redial List



Press  to access the redial list then press / to select the desired redial number. Press  or  to dial out to the selected redial number.

4.1.6 Call Timer

Your handset automatically times the duration of every call. The call timer will display for a few seconds after the call has ended. It is shown in hours, minutes and seconds format (HH:MM:SS).

4.2 Answer a Call


If the handset is not on the charging cradle:

When the phone rings, press  or  to answer a call.

If the handset is on the charging cradle or the base and if AUTO ANSWER is set to ON:

When the phone rings, pick up the handset to answer a call.

4.3 End a Call

During a call connection, press  to end the call.



OR

Put the handset on the base to end the call.

4.4 Adjust Earpiece and Handsfree Volume

There are 5 volume levels (VOLUME 1 to VOLUME 5) to choose from for the earpiece and handsfree volume.

During a call:

Press / to select volume 1-5. The current setting is shown on screen. When you end the call, the setting will remain at the last selected level.



4.5 Mute a Call



You can talk to someone nearby without letting the caller hear you.

During a call:



Press  to mute the microphone and **MUTED** will display on the screen. Your caller cannot hear you. Press  again to unmute the microphone.

4.6 Turn the Ringer On/Off

In idle mode, press and hold  to turn off the handset ringer. The  icon is displayed on the screen.

In silent mode, press and hold  to turn on the handset ringer. The  icon will disappear.

4.7 Turn the Keypad Lock On/Off




In idle mode, press and hold  to turn on the keypad lock. The  icon is displayed on the LCD.

In keypad lock mode, press and hold  to turn off the keypad lock. The  icon will disappear.

4.8 Redial the Last Number

You can redial up to 5 of the last numbers called. If you have stored a name in the phonebook to go with the number, the name will be displayed instead. The most recent last number will display at the top of the redial list.







4.8.1 Redial a Number from the Redial List

1. In idle mode, press ▼ to access the redial list.
Remark: If redial entry is shown with a name, press  to view the number.
2. Press ▲/▼ to browse the redial list.
3. Press  or  to dial to the selected redial number.




NOTE

If there are no numbers in the redial list, the display shows “EMPTY”.




4.8.2 Store a Redial Number into the Phonebook

1. In idle mode, press ▼ to access the redial list.
Remark: If redial entry is shown with a name, press  to view the number.
2. Press ▲/▼ to browse the redial list.
3. Press  then ▲/▼ to select **ADD TO PB**.
4. Press  to enter the name.
5. Press  to store the redial number into the phonebook.
6. Press  to select phonebook melody.
7. Press ▲/▼ to browse the melody list. The chosen melody will be played when browsing the melody list.
8. Press  to confirm.






4.8.3 Delete a Redial Number

1. In idle mode, press ▼ to access the redial list.
Remark: If redial entry is shown with a name, press  to view the number.
2. Press ▲/▼ to browse the redial list.
3. Press  then ▲/▼ to select **DELETE**.
4. Press  to confirm.

4.8.4 Delete the Entire Redial List

1. In idle mode, press ▼ to access the redial list.
2. Press  then ▲/▼ to select **DELETE ALL**.
3. Press  to confirm.
4. Press  to confirm again.

4.9 Find the Handset

You can locate the handset by pressing  on the base. All the handsets registered to the base will produce the paging tone and “PAGING” is flashing on the screen. You can stop the paging by pressing  /  /  on any handset or  on the base again.


NOTE

If there is an incoming call during paging, paging will cease and the phone will ring with the incoming call instead.




4.10 Make an Internal Call

This feature is only applicable when there are at least two registered handsets. It allows you to make internal calls, transfer external calls from one handset to another handset and make conference calls. If the called handset is not answered within 60 seconds, the called handset will stop ringing and the calling handset will return to standby mode.


NOTE:

If only one handset is registered to the base station, press  will display “NOT POSSIBLE”.



4.10.1 Call Another Handset

1. In idle mode, press  and the available handsets will display except the calling handset.
2. Enter the desired handset number with which to connect via intercom.
3. When the called handset rings, press  or  on the called handset to establish the internal call.

NOTE








If there are only two handsets are registered to the base station, press  on one handset will connect to the other handset immediately.

4.10.2 Call All Handsets

1. In idle mode, press  and all registered handsets will display.
2. Press  to ring to all registered handsets.
3. The first handset to answer will intercom with the calling handset.

4.10.3 Transfer an External Call to Another Handset








During an external call:

1. Press  then / to select **INTERCOM**.
2. Press  to select the second handset with which to connect via intercom. If you have more than 2 handsets, the available handset numbers will be displayed on the screen. To intercom a specific handset, press the handset number on the keypad. If you press  on the keypad all handsets will ring.
3. The external call is put on hold automatically and the called handset rings.
4. Press  on the called handset to establish an internal call.
5. Press  on the calling handset or put the calling handset on the charging cradle to end the current call with the external party on that handset.
6. The external call is transferred to the called handset.



4.10.4 Make a 3-way Conference Call

The conference call feature allows one external call to be shared over two handsets using intercom mode. The three parties can share the conversation and no network subscription is required.

During an external call:

1. Press  then / to select **INTERCOM**.
2. Press  to select the second handset with which to connect via intercom. If you have more than 2 handsets, the available handset numbers will be displayed on the screen. To intercom a specific handset, press the handset number on the keypad. If you press  on the keypad all handsets will ring.
3. The external call is put on hold automatically and the called handset rings.
4. Press  on the called handset to establish an internal call.
5. Press and hold  on the calling handset to establish the conference call.
Any handset that hangs up during a conference call will leave the other handset still connected to the external call.

4.11 Flashing Message Indicator

The phone is designed to provide visual indication when a new message is left from your local telephone service provider. When a new message is left, the  icon will be displayed on the handset. After you have listened to your message(s), the  icon will disappear.

4.12 Call Waiting

Call Waiting tells you if a new caller is trying to contact you when you are already on the phone. A network tone alerts you to the new caller, so you can answer your second incoming call by putting the first caller on hold.

1. Press **[R]**. Your first caller is put on hold and you can talk to your second caller.
2. To revert back to the original caller, press **[R]** again.

NOTE

Access to Call Waiting requires a subscription to your network operator. Please contact your service provider for further details on accessing Call Waiting.

5. PHONEBOOK

Your phone can store up to 50 phonebook entries with names and numbers. Each phonebook entry can have a maximum of 20 digits for the phone number and 12 characters for the name. You can also select different ringtones for your phonebook entries. Phonebook entries are stored alphabetically by name.







5.1 Add a New Phonebook Entry

In idle:

1. Press  to access the phonebook.


OR

Press  and  to select **PHONEBOOK** main menu item and then press  to access the phonebook.

2. Press  to select **ADD**.
3. Press  to enter the name.
4. Press  to enter the number.
5. Press  then  to select the desired ringtone for your phonebook entry.
6. Press  to store the phonebook entry.







5.2 Search a Phonebook Entry

In idle:

1. Press  to access the phonebook.
2. Enter the first character of the name by multi-tap.

5.3 View a Phonebook Entry


In idle:



1. Press  to access the phonebook.
2. Press  to select the desired phonebook entry.
3. Press  then  to select **VIEW**.
4. Press  then  to review the name, number and melody of the selected phonebook entry.

NOTE

If a number is more than 12 digits, press  or  to review the remaining digits.

5.3 Dial a Phonebook Entry

While in the phonebook list, press  to select the entry you want, or search alphabetically using the alphanumeric keypad (see To search alphabetically on page 21).







1. Press  or  to dial out.

5.3.1 To Search Alphabetically

Press the relevant keypad button, e. g. for the entries beginning with T press 8 once then press ▲/▼ to scroll through the entries.




5.4 Edit a Phonebook Entry

In idle:





1. Press  to access the phonebook.
2. Press ▲/▼ to select the desired phonebook entry.
3. Press  then ▲/▼ to select **EDIT**.
4. Press  then the current contents of the selected phonebook entry will display.
5. Edit the name (if applicable) then press .
6. Edit the number (if applicable) then press .
7. Press ▲/▼ to select the ringtone (if applicable) then press  to confirm.

5.5 Delete a Phonebook Entry

In idle:




1. Press  to access the phonebook.
2. Press ▲/▼ to select the desired phonebook entry.
3. Press  then ▲/▼ to select **DELETE**.
4. Press  to confirm.

5.6 Delete the Entire Phonebook

1. Press  to access the phonebook.
2. Press  then ▲/▼ to select **DELETE ALL**.
3. Press  to confirm.
4. Press  to re-confirm.

5.7 Check the Phonebook Usage

You can check how many phonebook entries have been stored in your phone and how many more phonebook entries can be stored.

1. Press  to access the phonebook.
2. Press  then ▲/▼ to select **PB STATUS**.
3. Press  to confirm.

6. CALLER DISPLAY (NETWORK DEPENDENT)

If you have subscribed to Calling Number Display service, and provided the caller's number is not blocked, the number (or name if stored in the phonebook) will be displayed when the phone is ringing. With some incoming calls, if the telephone number is not available, the handset may display one of the following explanations:

UNAVAILABLE	The number is not available.
PRIVATE	The caller has withheld their number.
PAYPHONE	The caller is ringing from a payphone.
MOBILE	The incoming call is from a mobile telephone within Australia.


6.1 View the Call List

All received calls are saved in the Call List with the latest call placed at the top of the list. When the call list is full, the oldest call will be replaced by a new call. An unanswered call which has not been read is marked with a ★ at the centre of the bottom line of the display.

1. Press ▲ to access the call list.

OR

Press  then ▲/▼ to select **CALL LIST**. Then press .






2. Press ▲/▼ to select the desired entry.
3. Press  to view the caller's number if applicable.

6.2 Store a Call List Number into the Phonebook

1. Press ▲ to access the call list.

OR

Press  then ▲/▼ to select **CALL LIST**. Then press .

2. Press ▲/▼ to select the desired entry.
3. Press  and ▲/▼ to select **ADD TO PB**.
4. Press  to enter the name.
5. Press  and the selected call list number is displayed.
6. Edit the number if necessary.
7. Press  then ▲/▼ to select the melody.
8. Press  to confirm.

6.3 Delete an Entry in the Call List

1. Press ▲ to access the call list.

OR

- Press (⊕/OK) then ▲/▼ to select **CALL LIST**. Then press (⊕/OK).
2. Press (⊕/OK) and ▲/▼ to select **DELETE**.
 3. Press (⊕/OK) to confirm.

6.4 Delete the Entire Call List

1. Press ▲ to access the call list.

OR

- Press (⊕/OK) then ▲/▼ to select **CALL LIST**. Then press (⊕/OK).
2. Press (⊕/OK) then ▲/▼ to select **DELETE ALL**.
 3. Press (⊕/OK) to confirm.
 4. Press (⊕/OK) to re-confirm.

6.5 View the Details of the Call List Entry

1. Press ▲ to access the call list.

OR

- Press (⊕/OK) then ▲/▼ to select **CALL LIST**. Then press (⊕/OK).
2. Press ▲/▼ to select the desired entry.
 3. Press (⊕/OK) then ▲/▼ to select **DETAILS**.
 4. Press (⊕/OK) to display the date and time of the selected call list entry.
 5. Press (⊕/OK) to return to the previous screen.






7. PHONE SETTINGS

Your phone comes with a selection of settings that you can change to personalize your phone the way you like it to work.






7.1 Date and Time Settings

You will need to set the correct date and time so that you know when Answering System messages were received. If you have Calling Number Display, the date / time will be set automatically after an incoming call.






7.1.1 Change the Date Format

1. Press  then ▲/▼ to select **HS SETTINGS**.
2. Press  then ▲/▼ to select **DATE & TIME**.
3. Press  then ▲/▼ to select **DATE FORMAT**. Press .
4. Press ▲/▼ to select your desired date format (**DD-MM-YY** or **MM-DD-YY**).
5. Press  to confirm.

7.1.2 Change the Time Format

1. Press  then ▲/▼ to select **HS SETTINGS**.
2. Press  then ▲/▼ to select **DATE & TIME**.
3. Press  then ▲/▼ to select **TIME FORMAT**. Press .
4. Press ▲/▼ to select your desired time format (**12 HR** or **24 HR**).
5. Press  to confirm.

7.1.3 Set the Time

1. Press  then ▲/▼ to select **HS SETTINGS**.
2. Press  then ▲/▼ to select **DATE & TIME**.
3. Press  then ▲/▼ to select **SET TIME**.
4. Press  to enter the time information.
5. Press  to confirm.

NOTE

If time has been set before, the current time will display, otherwise, “**HH:MM**” will display. When 12 HR mode is the selected format, the time will display in 12 HR format but must be entered as 24 HR time when programming, e.g. for 01:25 PM enter 13:25.

7.1.4 Set the Date

1. Press then ▲/▼ to select **HS SETTINGS**.
2. Press then ▲/▼ to select **DATE & TIME**.
3. Press then ▲/▼ to select **SET DATE**.
4. Press to enter the date information.
5. Press to confirm.

NOTE

If date has been set before, the current date will display.

7.2 Alarm Settings

You can use this phone to set an alarm clock. When an alarm is set, the displays on the screen. When the alarm time is reached, the and “**ALARM ON**” will flash on the screen ringing with the alarm melody for a duration of 45 seconds.

You can press any key to disable the alarm. If snooze function is activated, the alarm will sound again at the end of the snooze period of seven minutes. You can also press and hold to terminate the snooze function.

NOTES

- a. The alarm will turn off when the alarm time is reached or by pressing any key while the alarm is sounding (even if the handset keypad is locked).
- b. The alarm volume level is the same as the settings of the handset ringer volume. If the handset ringer is set to **VOLUME OFF**, the alarm will sound at VOLUME 1 level.
- c. During an external call or internal call, if an alarm is set and when the alarm time is reached, the and “**ALARM ON**” will still flash on screen. An alarm tone will be emitted from the earpiece to notify user the alarm time is reached. Once user presses any key to disable the alarm, it will revert to the call duration screen.
- d. During paging or ringing, the alarm will not sound when the alarm time is reached. However if snooze function is enabled, the alarm will sound again at the end of the snooze period provided that it's not ringing or in paging mode at the end of the snooze period.








7.2.1 Turn On/Off the Alarm

1. Press then ▲/▼ to select **HS SETTINGS**.
2. Press then ▲/▼ to select **ALARM**.
3. Press then ▲/▼ to select **ON/OFF**.
4. Press to confirm.

NOTE






If ON is selected, you will be asked to set the alarm time in accordance with the section below.

7.2.2 Set the Alarm Time (If the Alarm is Set to be ON)

1. Press  then ▲/▼ to select **HS SETTINGS**.
2. Press  then ▲/▼ to select **ALARM**.
3. Press  then ▲/▼ to select **ON/OFF**.
4. Press  to confirm.
5. Enter the alarm time.
6. Press  to set the snooze function.
7. Press  then ▲/▼ to select **ON** or **OFF**.
8. Press  to confirm.

7.3 Handset Settings






7.3.1 Set the Ringer Melody for Internal Calls

1. Press  then ▲/▼ to select **HS SETTINGS**.
2. Press  then ▲/▼ to select **RING SETUP**.
3. Press  then ▲/▼ to select **INT RING**.
4. Press  then ▲/▼ to select the desired ringer melody (10 melodies are available for internal calls).
5. Press  to confirm.

NOTE

Ringer melodies will be played when the melody is highlighted while browsing the melody list.

7.3.2 Set the Ringer Melody for External Calls

1. Press  then ▲/▼ to select **HS SETTINGS**.
2. Press  then ▲/▼ to select **RING SETUP**.
3. Press  then ▲/▼ to select **EXT RING**.
4. Press  then ▲/▼ to select the desired ringer melody (10 melodies are available for external calls).
5. Press  to confirm.

NOTE

The respective ringer melody will be played while browsing the melody list.

7.3.3 Set the Ringer Volume

1. Press then ▲/▼ to select **HS SETTINGS**.
2. Press then ▲/▼ to select **RING SETUP**.
3. Press then ▲/▼ to select **RING VOLUME**.
4. Press then ▲/▼ to select the desired ringer volume (6 ringer volume levels including **VOLUME OFF** are available) . If **VOLUME OFF** is selected, will display.
5. Press to confirm.

NOTE

Ringtone will be played at the highlighted ringer volume while browsing the volume list.

7.3.4 Set Alert Tones

A single beep is emitted when you press a key. You can turn on or off the key tone. You can also turn on the alert tones when low battery and out of range are detected. Low battery tone will also be emitted while you are talking with the phone to alert you that you need to charge up your batteries.

1. Press then ▲/▼ to select **HS SETTINGS**.
2. Press then ▲/▼ to select **tone SETUP**.
3. Press then ▲/▼ to select **KEY TONE/BATTERY TONE/ OUT OF RANGE**.
4. Press then ▲/▼ to turn on or off these tones.
5. Press to confirm.

7.3.5 Rename the Handset

1. Press then ▲/▼ to select **HS SETTINGS**.
2. Press then ▲/▼ to select **RENAME HS**.
3. Press then enter the name of your handset.
4. Press to confirm.





7.3.6 Choose the Information to be Displayed in Idle

You can choose to display time or handset name on the idle screen.

1. Press then ▲/▼ to select **HS SETTINGS**.
2. Press then ▲/▼ to select **HS DISPLAY**.
3. Press then ▲/▼ to select **HANDSET NAME** or **TIME**.
4. Press to confirm.

7.3.7 Set the Auto Answer





If you turn on the Auto Answer, you can pick up the call from the cradle without pressing any key.

1. Press  then ▲/▼ to select **HS SETTINGS**.
2. Press  then ▲/▼ to select **AUTO ANSWER**.
3. Press  then ▲/▼ to turn on or off the auto answer feature.
4. Press  to confirm.

7.4 Base Settings

The current settings are marked with an asterisk in the relevant menu, which is displayed at the right-hand side of the menu item.





7.4.1 Set the Base Ringer Melody (For ES1320/1320-2 only)

1. Press  then ▲/▼ to select **BS SETTINGS**.
2. Press  then ▲/▼ to select **BS RINGER**.
3. Press  then ▲/▼ to select the desired ringer melody (5 ringer melodies are available for the base ringer).
4. Press  to confirm.

NOTE

Ringer melodies will be played when the melody is highlighted while browsing the melody list.

7.4.2 Set the Ringer Volume (For ES1320/1320-2 only)

1. Press  then ▲/▼ to select **BS SETTINGS**.
2. Press  then ▲/▼ to select **RING VOLUME**.
3. Press  then ▲/▼ to select the desired ringer volume (6 ringer volume levels including **VOLUME OFF** are available).
4. Press  to confirm.

NOTE










Ringtones will be played at the highlighted ringer volume while browsing the volume list.

7.4.3 De-register a Handset

You are requested to enter the 4-digit PIN in order to de-register a handset from the base. The  icon on the de-registered handset will blink.








NOTE

You cannot de-register the handset that you are currently using.

1. Press  then  to select **BS SETTINGS**.
2. Press  then  to select **DELETE HS**.
3. Press  then .
4. Enter the 4-digit system **PIN**.
5. Press . The screen displays a list of all registered handsets.
6. Press  to select the handset you want to de-register from the base.
7. Press  to confirm.

7.4.4 Change the Recall (Flash) Time

The default setting of Recall Time is 100ms (Short). It is unlikely that you should need to change this setting unless advised to do so.









1. In idle mode, press  then  to select **BS SETTINGS**.
2. Press  then  to select **FLASH TIME**.
3. Press  then  to select your desired flash time (**SHORT, MEDIUM, LONG**).
4. Press  to confirm.

NOTES

1. Medium Recall Time = 300ms.
2. Long Recall Time = 600ms.

7.4.5 Change the System PIN Code

A 4-digit system PIN code is used for changing the system settings of the base station. It is used to protect your phone against unauthorized use. The default system PIN code is 0000.

1. Press  then  to select **BS SETTINGS**.
2. Press  then  to select **CHANGE PIN**.
3. Press  then enter the old system **PIN**.
4. Press  then enter the new system **PIN**.
5. Press  then enter the new system **PIN** again.
6. Press  to confirm.

NOTE






If the new PIN entered in Step 5 is not matched with the new system PIN entered in Step 4, user will be prompted to enter the valid system PIN again in Step 4.

7.4.6 ECO Mode Setting

1. Press  and  to select **BS SETTINGS**.
2. Press  and  to select **ECO MODE**.
3. Press  and  to select **ON** or **OFF**.
4. Press  to confirm.

7.5 Registration






Your handset and the base station are pre-registered. If for some reason, the handset is not registered to the base (Y flashes even when the handset is near the base station), register your handset according to the following procedure.

1. Press and hold  on the base station for about five seconds, the base station is entered into registration mode.
2. Press  then  to select **REGISTRATION**.
3. Press  then enter the 4-digit system **PIN**.
4. Press  to confirm.

If the handset registration is successful, the Y icon will stop flashing. The handset will automatically be allocated the next available handset number. This handset number is shown in the handset screen in idle mode. If the handset registration is unsuccessful, the Y icon will still flash.

7.6 Reset Your Phone

You can reset your phone to the default settings. After reset, all your personal settings and call list entries will be deleted, but your phonebook remains unchanged.

1. Press  then  to select **DEFAULT**.
2. Press  then enter the 4-digit system **PIN**.
3. Press  to confirm.
4. Press  to re-confirm.

8. ANSWERING SYSTEM (FOR ES1320/1320-2 ONLY)

The ES1320,ES1320-2 includes a telephone answering system that records unanswered calls when it is switched on. The screen message counter (two digits) seven segment display on the base will show the number of the messages when the answering system is on. The answering system can store up to 59 messages within the maximum recording time of approximately 15 minutes. As well as recording incoming messages, you can record memos for other users of your phone.

If the answering system memory is full, the handset will display **TAM FULL** and the handset name alternatively in standby, or display **TAM FULL** and the date / time information in standby which depends on which option has been selected in the handset setup.




NOTE

Your answering system is designed to answer calls after 14 rings when it is switched off. This is to enable you to operate the remote access functions of your answering system in the event your answering system is switched off.









8.1 Turn On/Off the Answering System

You can turn the answering system on or off through the base or handset. When the answering system is set to **ON**, calls will be answered after the set answer delay and the caller can then leave you a message. When the answering system is set to **OFF**, calls will be answered after 14 rings and the answer only message will be played to your callers. They will not be able to leave you a message.


8.1.1 Through the Base:

1. Press  on the base.
 - If answering system is set to **ON**,  displays on the handset LCD and the 7- segment LED on the base will display the number of incoming messages.
 - If answering system is set to **OFF**,  will disappear from the handset screen and the 7-segment LED on the base will display --.



8.1.2 Through the Handset:

1. Press  then  to select **ANS. MACHINE**.
2. Press  then  to select **TAM ON/OFF**.
3. Press  then  to select **ON** or **OFF**.
4. Press to confirm.
 - If answering system is set to **ON**,  displays on the handset screen and the 7- segment LED on the base will display the number of incoming messages.
 - If answering system is set to **OFF**,  will disappear from the handset screen and the 7- segment LED on the base will display --.








8.2 Listen to the Messages in the Answering System

When new messages are recorded on the answering system,  flashes on the handset display and the message counter on the base flashes with the number of new messages in the answering system until all the new messages are played. Old messages will be played after all new messages are played completely. The message counter LED stays steady to indicate the number of old messages stored in the answering system.

8.2.1 Listen to New Messages through the Base

1. Press /  on the base.
2. The new messages are played from the loudspeaker on the base in the sequence they are recorded.
3. Press **+** or **-** to increase or decrease the volume during message playback respectively.

8.2.2 Listen to New Messages through the Handset

1. Press  then  to select **ANS. MACHINE**.
2. Press  then  to select **MSG PLAYBACK**.
3. Press  to start message playback and the screen displays the date and time information of the message received.
4. During message playback, press  to increase or decrease the message playback volume respectively.
5. Press  to select **STOP**, **FORWARD**, **PREVIOUS**, **DELETE** to perform these functions during message playback.

STOP: Stop the current message playback and return to the previous menu.

FORWARD: Skip to play the next message. The date and time information of the next message will display if there is a next message.

PREVIOUS: Skip to repeat playing the current message from the beginning. The date and time information of the current message will display.

DELETE: Delete the current message and the next message will be played.

6. Press  to confirm.

NOTES

1. **★** is placed at the centre of the bottom of the LCD to indicate that it is a new message. If this message has been read or listened, the **★** will disappear and will be reflected next time when you listen to this message again.
2. If there are no new messages, **00--00 12--00A** is displayed briefly and you will be automatically returned to the previous menu.
3. After new message is played, the new message will be saved as an old message automatically unless it is deleted.

Alternatively, you can use the following shortcut keys to control different operation during message playback.

Press **5** to stop message playback.

Press **4** to skip to repeat playing the current message from the beginning.

Press **4** twice to skip backward to the previous message.

Press **6** to skip to play the next message.

Press **2** to delete the current message playback.

8.3 Delete All Messages in the Answering System

8.3.1 Delete All Messages through the Base:

In idle:

1. Press and hold **X** on the base.
2. All the old messages will be deleted.

NOTE

New messages will not be deleted. If there are no more messages in the answering system, **00** will display on the base.

8.3.2 Delete All Messages through the Handset:

1. Press **☎/OK** then **▲/▼** to select **ANS. MACHINE**.
2. Press **☎/OK** then **▲/▼** to select **DELETE ALL**.
3. Press **☎/OK** to confirm.
4. Press **☎/OK** to delete all old messages.

NOTE

If there are no more messages in the answering system, **EMPTY** will display and return to previous menu.

8.4 Record Memo

You can record your memo message for another user. When you record a memo, the message counter will increase by one and the message can be played back in the same way as answering system messages. Memo recording can still function even when the answering system is turned off.

1. Press **☎/OK** then **▲/▼** to select **ANS. MACHINE**.
2. Press **☎/OK** then **▲/▼** to select **MEMO**.
3. Press **☎/OK** to start memo recording and **RECORDING** is displayed.
4. Press **☎/OK** to stop memo recording and save the memo. The memo is played back.

OR

Press **☎/OK** to stop memo recording without saving and return to previous menu.

8.5 Answering System Settings

You can use the **TAM SETTINGS** menu through the handset to change the settings of your answering system.

8.5.1 Set the Answer Mode:

By default, the answering system is set in **ANS & REC** mode which allows callers to leave a message. This mode can be changed to **ANSWER ONLY** which does not allow callers to leave a message. In that case, your callers will be prompted to call back later.

1. Press **☎/OK** then **▲/▼** to select **ANS. MACHINE**.
2. Press **☎/OK** then **▲/▼** to select **TAM SETTINGS**.
3. Press **☎/OK** then **▲/▼** to select **ANSWER MODE**.
4. Press **☎/OK** then **▲/▼** to select **ANS & REC** or **ANSWER ONLY**.
5. Press **☎/OK** to confirm.

8.6 Record Your Own Outgoing Message (OGM)

You can record your own OGM for **ANS & REC** mode or **ANSWER ONLY** mode.

When you record your own OGM, it will be used when the answering system answers the call. If your personalised OGM is deleted, the pre-set OGM will be restored automatically.

1. Press **☎/OK** then **▲/▼** to select **ANS. MACHINE**.
2. Press **☎/OK** then **▲/▼** to select **TAM SETTINGS**.
3. Press **☎/OK** then **▲/▼** to select **OGM SETTINGS**.
4. Press **☎/OK** then **▲/▼** to select **ANS & REC** or **ANSWER ONLY**.
5. Press **☎/OK** then **▲/▼** to select **RECORD MESS**.
6. Press **☎/OK** to start recording your personalised OGM and **RECORDING** is displayed on the screen.
7. Press **C/Ⓢ** to stop and save your personalised OGM. Your newly saved OGM will playback automatically. Alternatively, press **C/Ⓢ** to return to previous screen without saving the personalised OGM.








NOTE

If pre-set OGM is playing, you are not able to delete the pre-set OGM and thus **OK** will not display. Only **C** will display.

8.7 Playback and Delete the Outgoing Message (OGM)

You can playback your own personalised OGM or the pre-set OGM for **ANS & REC** mode or **ANSWER ONLY** mode and choose to delete your personalised OGM during playback and record a new one whenever you want. Please note the pre-set OGM cannot be deleted.








8.7.1 Playback the OGM

1. Press  then ▲/▼ to select **ANS. MACHINE**.
2. Press  then ▲/▼ to select **TAM SETTINGS**.
3. Press  then ▲/▼ to select **OGM SETTINGS**.
4. Press  then ▲/▼ to select **ANS & REC** or **ANSWER ONLY**.
5. Press  then ▲/▼ to select **PLAYBACK**.
6. Press  to playback your personalised OGM (if you have recorded a personalised OGM before) and **PLAYING OGM** will be displayed on the screen.
7. Press  to stop the OGM playback and return to the previous menu.

NOTE

If a personalised OGM is not recorded, the preset OGM will be played.

8.8 Delete the Personalised OGM






1. Press  then ▲/▼ to select **ANS. MACHINE**.
2. Press  then ▲/▼ to select **TAM SETTINGS**.
3. Press  then ▲/▼ to select **OGM SETTINGS**.
4. Press  then ▲/▼ to select **ANS & REC** or **ANSWER ONLY**.
5. Press  then ▲/▼ to select **PLAYBACK**.
6. Press  to playback your personalised OGM (if you have recorded a personalised OGM before) and **PLAYING OGM** will be displayed on the screen.
7. Press  to delete your personalised OGM and return to previous menu and the pre-set OGM will be restored automatically.

NOTE

If pre-set OGM is playing, you are not able to delete the pre-set OGM and thus **OK** will not display. Only **C** will display.






8.9 Set the Answer Delay

You can set the number of rings before the answering system answers and starts playing your OGM. You can set the answering system to answer after two to eight rings or **TIME SAVER**.

1. Press  then ▲/▼ to select **ANS. MACHINE**.
2. Press  then ▲/▼ to select **TAM SETTINGS**.
3. Press  then ▲/▼ to select **ANSWER DELAY** (Available options: **2 RINGS**, **4 RINGS**, **6 RINGS**, **8 RINGS** or **TIME SAVER**).
4. Press  then ▲/▼ to select your desired answer delay.
5. Press  to confirm.

8.10 Set the Recording Time of Incoming Message

You can set the maximum length of the recording time of the incoming messages.








1. Press  then ▲/▼ to select **ANS. MACHINE**.
2. Press  then ▲/▼ to select **TAM SETTINGS**.
3. Press  then ▲/▼ to select **RECORD TIME** (Available options: **60, 120, 180 seconds** or **UNLIMITED**).
4. Press  then ▲/▼ to select your desired recording time.
5. Press  to confirm.

8.11 Activate Remote Access

Your phone lets you check your messages, or otherwise operate your answering system, remotely. You can do this by calling the answering system when you are away from home and entering a 4-digit remote access PIN on a tone-dialling phone.

Use the 4-digit remote access PIN code to prevent unauthorised access to your answering system.






8.11.1 Change the 4-digit Remote Access PIN

1. Press  then ▲/▼ to select **ANS. MACHINE**.
2. Press  then ▲/▼ to select **TAM SETTINGS**.
3. Press  then ▲/▼ to select **CHANGE PIN**.
4. Press  to enter the old **PIN**. (Default Remote Access PIN is **0000**).
5. Press  to enter the **New PIN**.
6. Press  to enter the **New PIN** again.
7. Press  to reconfirm.

NOTE


If the new PIN entered in Step 6 is not matched with the new system PIN entered in Step 5, user is requested to enter the valid system PIN again in Step 5.

8.11.2 Activate or Deactivate the Remote Access


1. Press  then ▲/▼ to select **ANS. MACHINE**.
2. Press  then ▲/▼ to select **TAM SETTINGS**.
3. Press  then ▲/▼ to select **REMOTE ACC**.
4. Press  then ▲/▼ to select **ON** or **OFF** to turn the remote access on or off respectively.
5. Press  to confirm.

8.11.3 Access Your Answering System Remotely

You can ring your phone from another tone-dialling phone to switch the answering system on or off then listen to your messages remotely.

1. Place a call from a tone-dialling phone to your phone.
2. When the answering system answers the calls and starts playing the OGM, press .

NOTE

You must enter  while the OGM is still playing, in order to access the answering system remotely.


3. Enter the 4-digit Remote Access PIN.

NOTE

If the 4-digit Remote Access PIN is entered incorrectly three times consecutively, the call will be terminated automatically.

4. Press the appropriate keys from the table on the next page to carry out your desired function.

NOTE


If your Answering System is switched off, it will answer after 14 rings and play the ANSWER ONLY OGM. Press , then enter the 4-digit remote access PIN (Default Remote Access PIN is 0000 to activate the remote access feature.)

When your answering system memory is full and the answer mode is in **ANS & REC**, the answer mode will change to **ANSWER ONLY** automatically. It will change to **ANS & REC** mode automatically after some messages have been deleted.

8.11.4 Remote Commands

When the answering system is set to ON and when there is an incoming message, the base will start call screening automatically after the preset numbers of rings of answer delay.

Keys	Functions	
	While message is NOT playing	While message is playing
2	-	Delete the current message playback
4	-	Skip to repeat playing the current message from the beginning. Press twice to skip backward to the previous message.
5	Play the message	Stop the current message playback
6	-	Skip to play the next message
7	Turn on the answering system	-
8	-	Stop the current message playback
9	Turn off the answering system	-
*	Enter the 4-digit remote access PIN	-

At any time if you want to pick up the call, you can press  on the handset and the message recording will be stopped automatically. If the answering system is in the process of recording, the message already stored will be saved.

9. DEFAULT SETTINGS

ITEMS	Default Values
Default Settings of Handset	
LANGUAGE	ENGLISH
EXT RING	MELODY 1
INT RING	MELODY 2
INT RING VOLUME	VOLUME 5
EXT RING VOLUME	VOLUME 5
EARPIECE VOLUME	VOLUME 4
SPEAKER VOLUME	VOLUME 4
HANDSET NAME	HANDSET 1 / HANDSET 2
KEY TONE	ON
LOW BATTERY BEEP	ON
OUT OF RANGE BEEP	OFF
AUTO ANSWER	ON
DATE FORMAT	DD--MM--YYYY
TIME FORMAT	24 HR
SET DATE	01--01--2013
SET TIME	00--00
ALARM	OFF
TAM ON/OFF (ES1320 only)	ON
ANSWER MODE (ES1320 only)	ANS. & REC.
ANSWER DELAY (ES1320 only)	6 RINGS
RECORD TIME (ES1320 only)	180 S
REMOTE ACC. (ES1320 only)	ON
Default Settings of Base	
BS RINGER (ES1320 only)	MELODY 2
RING VOLUME (ES1320 only)	VOLUME 3
DIAL MODE	TONE
ECO MODE	ON

10. TROUBLESHOOTING

If you have difficulty with your phone, please try the suggestion listed below.

Problem	Solutions
My telephone does not work at all.	<ul style="list-style-type: none">• Make sure the batteries are installed and charged correctly. For optimum daily performance, return the handset to the telephone base after use.• Make sure the power adapter is securely plugged into an outlet not controlled by a wall switch.• Make sure the telephone line cord is plugged firmly into the telephone base and the telephone wall jack.• Unplug the electrical power to the telephone base. Wait for approximately 15 seconds, then plug it back in. Allow up to one minute for the handset and telephone base to synchronize.• Remove and re-insert the batteries. If that still does not work, it might be necessary to purchase new batteries.• Disconnect the telephone base from the telephone wall jack and plug in a working telephone. If the other telephone does not work, the problem is probably in the wiring or the telephone service. Call your telephone service provider.
Low battery shows on screen.	<ul style="list-style-type: none">• Place the handset in the telephone base for recharging.• Remove and re-install the batteries and use it until fully depleted, then recharge the handset in the telephone base.• If the above measures do not solve the problem, replace the batteries.
The batteries do not charge in the handset or the handset batteries do not accept charge.	<ul style="list-style-type: none">• Make sure the handset is placed in the telephone base correctly.• Remove and reinstall the batteries, then charge for up to 16 hours.• Purchase new batteries.

There is interference during a telephone conversation. My calls fade out when I am using the handset.

- The handset may be out of range. Move it closer to the telephone base.
- If you subscribe to high-speed Internet service (digital subscriber line - DSL) through your telephone line, you must install a DSL filter between the telephone base and the telephone wall jack. The filter prevents noise and caller ID problems caused by DSL interference. Please contact your DSL service provider for more information about DSL filters.
- Appliances or other cordless telephones plugged into the same circuit as the telephone base can cause interference. Try moving the appliance or telephone base to another outlet.
- Other electronic products may cause interference to your cordless telephone. Install your telephone as far away as possible from the following electronic devices: wireless routers, radios, radio towers, pager towers, cellular telephones, digital telephones, intercoms, room monitors, televisions, VCRs, personal computers, kitchen appliances, and other cordless telephones.
- If your telephone is plugged in with a modem or a surge protector, plug the telephone (or modem/surge protector) into a different location. If this doesn't solve the problem, re-locate your telephone or modem farther apart from each other, or use a different surge protector.
- The location of your telephone base can impact the performance of your cordless phone. For better reception, install the telephone base in a centralized location within your home or office, away from walls or other obstructions. In many environments, elevating the telephone base improves overall performance.
- Disconnect the telephone base from the telephone wall jack and plug in a corded telephone. If calls are still not clear, the problem is probably in the wiring or telephone service. Contact your telephone service provider (charges might apply).
- If the other telephones in your home are having the same problem, the problem is in the wiring or telephone service. Contact your telephone service provider (charges may apply).

Common cure for electronic equipment.	If the telephone is not responding normally, put the handset in the telephone base. If it does not respond, try the following (in the order listed): <ul style="list-style-type: none">• Disconnect the power to the telephone base.• Disconnect the batteries on the handset.• Wait a few minutes before connecting power to the telephone base.• Re-install the batteries and place the handset in the telephone base.• Wait for the handset to synchronize with the telephone base. Allow up to one minute for this to take place.
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Please contact the technical support of the network provider for further information. This telephone is not equipped with a grounding function! Therefore some of the functions may be limited when used in PBX systems.

11. TECHNICAL SPECIFICATIONS

BASIC INFORMATION	
Dimensions	Handset: width / depth / height = 51 X33 X 154 mm Charger: width / depth / height =102X 52 X 118 mm Base: width / depth / height = 92X 52 X 108 mm
Weight	Handset: 90g Base: 130g
Valid range	Indoor: 50m Outdoor: 300m
Handset Operating Time	Standby time: 100Hours approx. Talk time: 10Hours approx.
RF Parameter	
Frequency	1.88GHz to 1.9GHz
Number of Channels	10
Power Supply	
Base	Input 100-240V 50/60Hz; output 6V 300mA adapter
Charger	Input 100-240V 50/60Hz; output 6V 300mA adapter
Handset	2 x NIMH; 1.2V; 500mAH rechargeable batteries

12. CARE AND MAINTENANCE INSTRUCTIONS

Take care of your telephone

- Your cordless telephone contains sophisticated electronic parts, so you must treat it with care.
- Avoid rough treatment.
- Place the handset down gently.
- Save the original packing materials to protect your telephone if you ever need to ship it.

Avoid water

- You can damage your telephone if it gets wet. Do not use the handset in the rain, or handle it with the wet hands. Do not install the telephone base near a sink, bathtub or shower.

Electrical storms

- Electrical storms can sometimes cause power surges harmful to electronic equipment. For your own safety, take caution when using electric appliances during storms.

Cleaning your telephone

- Your telephone has a durable plastic casing that should retain its luster for many years. Clean it only with a soft cloth slightly dampened with water or a mild soap.
- Do not use excess water or cleaning solvents of any kind.

NOTE

Remember that electrical appliances can cause serious injury if used when you are wet or standing in water. If the telephone base should fall into water. **DO NOT RETRIEVE IT UNTIL YOU UNPLUG THE POWER CORD AND TELEPHONE LINE CORDS FROM THE WALL**, then pull the unit out by the unplugged cords.

CAUTION

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.

DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

13. TECHNICAL SUPPORT

Please read out the serial number of this telephone to Technical Center.

The serial number can be found in the battery compartment after having the batteries removed.

For use in New Zealand please note the following:

The grant of a Telepermit for any item of terminal equipment indicates only that Spark has accepted that the item complies with minimum condition for connection to its network. It indicates no endorsement of the product by Spark, nor does it provide any sort of warranty.

Above all, it provides no assurance that any item will work correctly in all respects with another item of Telepermitted equipment of a different make or model, nor does it imply that any product is compatible with all of Spark's network services.

Under power fail conditions this appliance will not operate. Please ensure that a separate telephone, not dependent on local power, is available for emergency use.

If the toll services of a service provider other than Spark are being used then a toll charge may be incurred if the "0" prefix toll access code and area code are used for a local call.

The Caller ID telephone numbers that are displayed and stored in this equipment include the caller's area code but may not include the toll access "0" prefix. When calling back it may be necessary to add a "0" to the telephone number, of if the telephone number is a local number, omit the area code digit. If the toll services of a service provider other than Spark are being used then a toll charge may be incurred if the "0" prefix toll access code and area code are used.

Imported, Distributed and Serviced by

Atlas Gentech (NZ) Limited

76 Carbine Road, Mt Wellington

Auckland, New Zealand.

Private Bag 14927

Panmure, Auckland.

For service

Telephone 09 5742727

Fax 09 5742722

Email service@atlasgentech.co.nz

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