

vtech®

User's manual



Models:
ES2310A/ES2310-2A/
ES2310-3A

<http://hkphones.vtech.com>

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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/distributor 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. Battery should not be exposed to excessive heat such as bright sunshine or fire and immersed in water.

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.

If you have questions about this product, or having difficulty with setup or operation, please contact our customer support hotline.

2. SET UP THE TELEPHONE

2.1 Package Contents

The package contains the following items:

- Handset (1 for ES2310A; 2 for ES2310-2A; 3 for ES2310-3A)
- Base station
- Power adaptor for base
- Charger with power adaptor connected (1 for ES2310-2A; 2 for ES2310-3A)
- 2 Telephone cords
- AAA NiMH rechargeable batteries (2 for ES2310A; 4 for ES2310-2A; 6 for ES2310-3A)
- User's manual
- Warranty card

2.2 Location

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

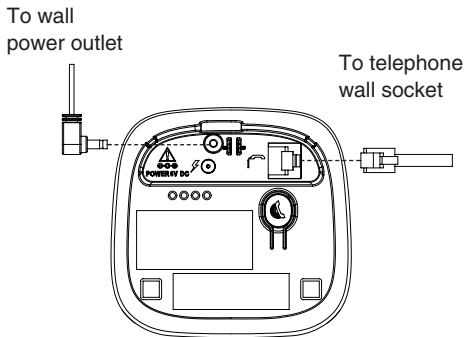
- place it at a convenient, high, and central location with no obstructions between the handset and base unit in an indoor environment.
- place it away from electronic appliances such as televisions, microwave ovens, radios, personal computers, wireless devices or other cordless phones.
- avoid facing 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.

For pluggable equipment, the socket-outlet (power adaptor) shall be installed near the equipment and shall be easily accessible.

Place your ES2310A/ES2310-2A/ES2310-3A within 2 metres of the mains power socket and telephone socket so that the cables will reach.

Make sure it is at least 1 metre away from other electrical appliances to avoid interference. Your ES2310A/ES2310-2A/ES2310-3A works by sending radio signals between the handset and base. The strength of the signal depends on where you locate the base. Putting it as high as possible ensures the best signal. The maximum range between the base station and the handset is approximately 300 meters. 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



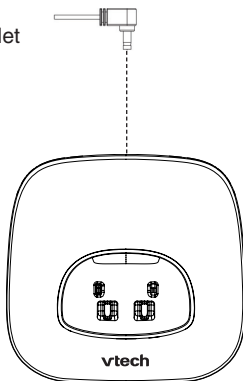
1. Plug the power cable into the base station, plug the other end of the power adapter into the wall outlet not controlled by a wall switch.
2. Plug one end of the telephone line cord into the base station and the other end into a telephone wall jack. If you have DSL high speed internet service, a DSL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

NOTES

- Use only the power adapter supplied with the base station.
- Ensure power cord is fed through the slot on base so unit sits flush with the desk.

2.4 Connect the Charger

To wall
power outlet

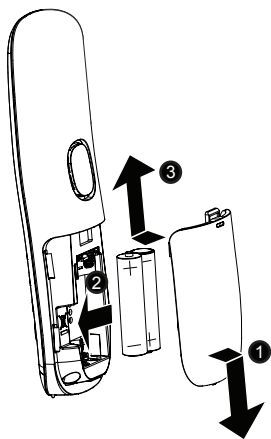


- Plug the end of the power cable into the power wall socket and switch the power on.

NOTE

Ensure power cord is fed through the slot on the base so unit sits flush with the desk.

2.5 Install and Charge the Handset Battery



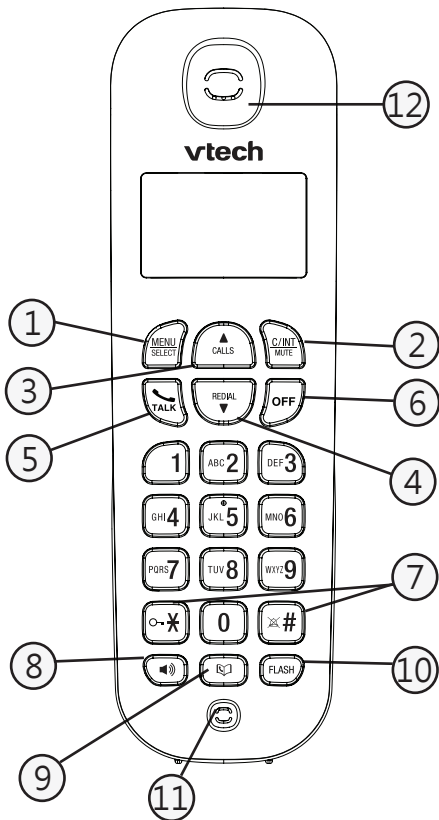
1. Slide open the battery compartment cover.
2. Place the 2 AAA batteries as indicated following the polarity signs.
3. Slide the battery compartment cover back in position.
4. Put the handset on the base or charger to charge for at least 14 hours for the first time. A beep sounds when the handset is properly placed on the base or charger.

NOTES

- Use only the AAA, 1.2V, 400mAh, NiMH rechargeable batteries.
- Ensure power cord is fed through the slot on the base so unit sits flush with the desk.

3. GET TO KNOW YOUR PHONE

3.1 Overview of the Handset



**1. MENU
SELECT (MENU/SELECT)**

In idle mode: Press to access the main menu.

In sub-menu mode: Press to confirm the selection.

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

**2. C/INT
MUTE (DELETE/BACK/MUTE/INTERCOM)**

In main menu mode: Press to go back to idle screen.

In sub-menu mode: Press to go back to previous level, or press and hold to go back to idle screen.

In editing / predialing mode: Press to clear a character / digit or press and hold to delete all characters.

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

In idle mode: Press to intercom another handset.

**3. ▲
CALLS (UP/CALLS/VOLUME 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.

During ringing: Press to increase the ringer volume.

**4. REDIAL
▼ (DOWN/REDIAL/VOLUME 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.

During ringing: Press to decrease the ringer volume.

5. (TALK ON)

In idle / predialing 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.

6. OFF (TALK OFF)

During a call: Press to end a call and go back to idle screen.

In menu / editing mode: Press to go back to previous menu.

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

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

7. ALPHANUMERIC KEYPAD, ✖ (STAR), # (HASH)

Press to insert a digit / character / ✖ / #

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

○-✖ key during a call (in Pulse mode): Press to switch to tone mode.

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

1 key in name editing mode: Press to insert a space.

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

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

8.  (SPEAKERPHONE)

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

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

During ringing: Press to answer a call with speakerphone.

9.  (PHONEBOOK)

In idle mode: Press to access the phonebook list.

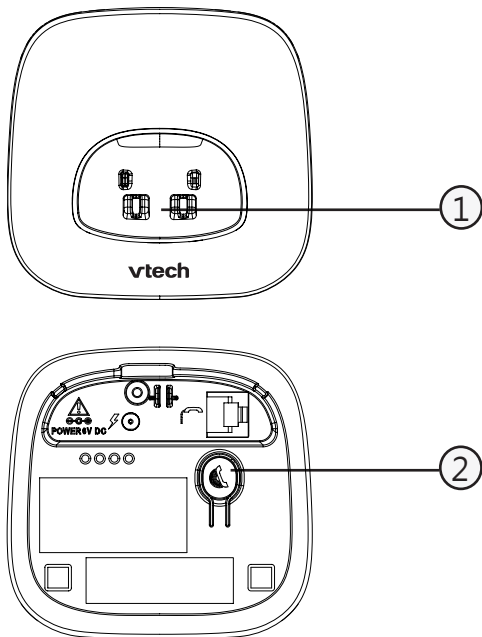
10. FLASH

In idle / predialing mode: Press to insert a flash (**R**).

During a call: Press to dial a flash.

11. MICROPHONE**12. EARPIECE**

3.2 Overview of the Base Station



1. CHARGING CRADLE

For charging the handset.

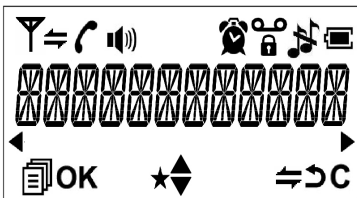
2. 📞 (PAGE)

Press to page all registered handset(s). Handset(s) will ring for approximately 60 seconds.










Press and hold for 5 seconds to enter the registration mode.

3.3 Handset LCD Display Icons and Symbols

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



Display icons	Icons can be Steadily On (visible), Flashing or Off (not visible)
	Scroll up / down the menu items / Phonebook list / Redial list / Call List.
	Steadily on when the handset is with reception range. Flashes when out of range or not registered to the base.
	Steadily on when an intercom is in progress. Flashes when there is an incoming intercom call.
	Steadily on when a call is in progress.
	Steadily on when the ringer is switched off.
	Steadily on when an alarm is set. Flashes when the alarm time set before reaches.
	Steadily on when the keypad is locked.
	Steadily on when a message is received at the telephone service provider.

	Steadily on when the battery is fully charged. Whole icon flashes when the battery is charging.
	Flashes when low battery power level is detected and the handset needs charging.
	Steadily on when more characters are existed before the text currently displayed.
	Steadily on when more characters are existed after the text currently displayed.
	Press to select more menu options if applicable
OK	Press to confirm the current selection if applicable.
	Press to initial an intercom call when idle.
	Press to go back to previous menu level or cancel the current action if applicable.
C	Press to clear a character or stop the alarm if applicable, press to mute / unmute during a call.
	Steadily on when when you have received missed calls.
	Steadily on when the speakerphone is turned on.

3.4 Menu Structure

When the handset is switched on and in idle mode:

1. Press **MENU**/**SELECT** to enter the main menu.
2. Press **▲**/**▼** to move through the available options.
3. Press **MENU**/**SELECT** to select a menu option or **MENU**/**SELECT** to return to the previous screen, or press and hold **C/INT**/**MUTE** to return to standby mode.

CALL LIST	PHONEBOOK	BS SETTINGS
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 DIAL MODE FLASH TIME CHANGE PIN ECO RANGE

HS SETTINGS	REGISTRATION	DEFAULT
ALARM RING SETUP TONE SETUP RENAME HS HS DISPLAY AUTO ANSWER DATE & TIME	PIN?	PIN?

3.5 Text and Digit Entry Table

The following table shows you where each letter and punctuation character can be found. Respective character table will be used when corresponding menu language is selected. 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.

WRITING TIPS:

1. Once a character is selected, the cursor will move to the next position after a short pause.
2. You can move the cursor by pressing ▲/▼ .
3. Press $\frac{\text{MENU}}{\text{SELECT}}$ to delete the last character.
4. Press and hold $\frac{\text{MENU}}{\text{SELECT}}$ to delete all characters.

3.5.1 English Character Set

1	Space	-	1			
2	A	B	C	2		
3	D	E	F	3		
4	G	H	I	4		
5	J	K	L	5		
6	M	N	O	6		
7	P	Q	R	S	7	
8	T	U	V	8		
9	W	X	Y	Z	9	
0	0					
*	*	?	/	\	()	
#	#	'	,	-	&	

4. USE YOUR PHONE

4.1 Switch ON/OFF the Handset

When the handset is in idle mode, press and hold **OFF** for about 5 seconds to switch the handset off. To switch the handset on, press and hold **OFF** for about 2 seconds.

4.2 Make a Call

4.2.1 Preparatory Dialling

1. Enter the phone number, maximum 20 digits. If you make a mistake, press $\frac{C/INT}{MUTE}$ to delete the last digit.
2. Press $\frac{\text{hook icon}}{TALK}$ to dial the number.

4.2.2 Direct Dialling

1. Press $\frac{\text{hook icon}}{TALK}$ to take the line.
2. Enter the phone number to dial.

4.2.3 Call from the Phonebook

1. In idle mode, press $\frac{\text{book icon}}{\text{book icon}}$ to access the phonebook list.

OR


Press $\frac{MENU}{SELECT}$ then $\blacktriangle/\blacktriangledown$ to select **PHONEBOOK**. Press $\frac{MENU}{SELECT}$.

NOTE

The first phonebook entry will be displayed. If there is no entry in the phonebook, it will show "**EMPTY**".

2. Press $\blacktriangle/\blacktriangledown$ to select the desired phonebook entry.
3. Press $\frac{\text{hook icon}}{TALK}$ to dial the number.

4.2.4 Search Alphabetically for Phonebook Entries



1. In idle mode, press  to access the phonebook list.

OR

Press  then  to select **PHONEBOOK**. Press .

2. Press the numeric key containing the first letter of the name you want. For example, pressing **2** will show the entries starting with A. Pressing **2** again will show the entries starting with B, etc.

4.2.5 Call from the Call List




1. In idle, press  to access the call list and press  to select.

OR



Press  then  to select **CALL LIST**.

NOTE




The first entry in the call list will be displayed. If there is no entry in the call list, it will show “**EMPTY**”.

2. Press  then  to select desired call list.
3. Press  to dial the number.

4.2.6 Call List Entry

Press  to dial out to the selected Call List entry. Alternatively, press  to access the Call List from the main menu.

4.2.7 Call from the Redial List

1. Press  to access the redial list and press  to select the desired redial number.
2. Press  to dial out to the selected redial number.

4.2.8 Out of Range Warning

When the handset goes out of range of the base, the screen will display “**OUT OF RANGE**”, and the call will be disconnected if you are on a call. When you move back within range, the handset will automatically reconnect to the base.

4.3 Answer a Call

If the handset is not on the charging cradle:

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

If the handset is on the base or charger and if **AUTO ANSWER** is set to **ON**:



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

If you wish to switch **AUTO ANSWER** Off, see page 33. The default setting is **ON**.

4.4 Adjust Earpiece and Speakerphone Volume

There are 5 levels (**VOLUME 1 to VOLUME 5**) to choose from for each of earpiece and speakerphone volume.



During a call:

Press  /  to select from **VOLUME 1 to VOLUME 5**. The current setting is shown. When you end the call, the setting will remain at the last selected level.

4.5 Mute a Call

You can mute the microphone so that you can talk to someone nearby without letting the caller hear you during a call.

During a call:

1. Press  to mute the microphone and “**MUTED**” will display on the LCD. Your caller cannot hear you.
2. Press  again to unmute the microphone.

4.6 End a Call

During a call connection, press **OFF** to end the call.

OR

Put the handset on the base or charger to end the call.

4.7 Call Timer

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

4.8 Set the Silent Mode

In idle, press and hold *# to turn off the handset ringer.

“**RINGER OFF**” icon is displayed on the LCD.

In silent mode, press and hold *# to turn on the handset ringer.

“**RINGER OFF**” icon will disappear.

4.9 Turn the Keypad Lock ON/OFF


1. In idle, press and hold Ⓞ✕ to turn on the keypad lock. The “**KEYPAD LOCKED**” icon is displayed on the LCD.
2. To unlock the keypad, press and hold Ⓞ✕ .




4.10 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.

4.10.1 Redial a Number from the Redial List

1. In idle mode, press  to access the redial list.








Remarks: If redial entry with name, press # to view the number.

2. Press  to browse the redial list.
3. Press  /  to dial to the selected redial number.




NOTE

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





4.10.2 Store a Redial Number into the Phonebook

1. Follow Steps 1 and 2 in the section of **Redial a Number from the Redial List**.
2. Press  and  to select **ADD TO PB**.
3. Press  use the keypad to enter the name.
4. Press  use the keypad to edit the number if necessary.
5. Press  and then  to select the melody. The respective melody will be played when browsing the melody list.
6. Press  to confirm.

4.10.3 Delete a Redial Number





1. Follow Steps 1 and 2 in the section of **Redial a Number from the Redial List**.
2. Press  and  to select **DELETE**.
3. Press  to confirm.

4.10.4 Delete the Entire Redial List

1. Follow Steps 1 and 2 in the section of **Redial a Number from the Redial List**.
2. Press  and  to select **DELETE ALL**.
3. Press  to confirm and  to confirm again.

4.11 Find the Handset (PAGING)

Paging is a useful way for finding lost handset(s).

1. Press  on the base station. All the registered and available handsets will produce the paging tone and “**PAGING**” is displayed on the LCD.
2. Press  / **TALK** / **OFF** /  / **C/INT MUTE** on any handset or  on the base station again to stop paging.


NOTE

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

4.12 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.

4.12.1 Call Another Handset

1. In idle mode, press $\frac{C/INT}{MUTE}$. The screen displays all registered handsets except the calling handset.
2. Enter the desired handset number to intercom with.
3. The called handset rings and press  on the called handset to establish the internal call.

NOTES




- If only one handset is registered to the base station, press $\frac{C/INT}{MUTE}$ and it will display **“NOT POSSIBLE”**.
- If only two handsets are registered to the base station, press $\frac{C/INT}{MUTE}$ will connect to another handset immediately.

4.12.2 Call All Handsets

1. In idle mode, press $\frac{C/INT}{MUTE}$ and the screen displays all registered handsets.
2. Press **9** to ring to all registered handsets.

4.12.3 Transfer an External Call to Another Handset


During an external call:

1. Press $\frac{MENU}{SELECT}$ and  to select **INTERCOM**.
2. Press $\frac{MENU}{SELECT}$ and  to select the desired handset to intercom with.
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 **OFF** on the calling handset or put the calling handset on the charging cradle to end the current call with the external party.
6. The external call is transferred to the called handset.

4.12.4 Make a 3-way Conference Call

The conference call feature allows one external call to be shared with two handsets (in intercom). The three parties can share the conversation and no network subscription is required.

During an external call:

1. Follow Steps 1 to 4 in the section of **Transfer an External Call to Another Handset** in page 23.
2. Press and hold  on the calling handset to establish the 3-way conference call.


NOTE

Any internal party hangs up during a conference call will leave the other one still in connection with the external call.

5. PRIVATE PHONEBOOK

Your phone can store up to 20 private 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 melodies for your phonebook entries. The entries are store alphabetically.

5.1 Store a Number Entry in the Phonebook







1. In idle, press  to access the phonebook.

OR

press  and  to select **PHONEBOOK**. Press .

NOTE

The first entry in the phonebook will be displayed. If there is no entry stored in the phonebook, it will show “**EMPTY**” .

2. Press  to select **ADD**.
3. Press  and enter the name.
4. Press  and enter the number.
5. Press  and  to select the desired melody.
6. Press  to save.

5.1.1 Entering Names

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

Press **8** once to enter **T**.

Press **6** three times to enter **O**.

Press **6** once to enter **M**.

5.1.2 Writing Tips

Press $\frac{C/INT}{MUTE}$ to delete the last character or digit.

Press and hold $\frac{C/INT}{MUTE}$ to delete all characters or digits.

Press $\blacktriangle/\blacktriangledown$ to move backward or forward through the characters / digits.

Press and hold **0** to insert to pause (will appear as **P**)

5.2 Review an Entry

1. In idle mode, press 📖 . The first entry in the phonebook will be displayed.
2. Press $\blacktriangle/\blacktriangledown$ to browse the phonebook entries.

OR

1. In idle mode, press $\frac{MENU}{SELECT}$ then $\blacktriangle/\blacktriangledown$ to select **PHONEBOOK**.
2. Press $\frac{MENU}{SELECT}$ then $\blacktriangle/\blacktriangledown$ to browse the phonebook entries.
3. Press $\frac{MENU}{SELECT}$ then $\blacktriangle/\blacktriangledown$ to select **VIEW**.
4. Press $\frac{MENU}{SELECT}$ to review the details of the selected entry.

5.3 Dial an Entry


While in the phonebook list, press $\blacktriangle/\blacktriangledown$ to select the entry you want, or search alphabetically using the alphanumeric keypad.

1. Press 📞 or 📞 to dial the selected entry.


5.3.1 Search a Phonebook Entry Alphabetically

1. In idle, press 📖 to access the phonebook.
2. Enter the first character of the name by multi-tap.


5.4 Edit a Phonebook Entry

1. In idle, press  to access the phonebook.
2. Press **▲/▼** to select the entry you want to edit.
3. Press **MENU SELECT** then **▲/▼** to select **EDIT**.
4. Press **MENU SELECT** then use the keypad to edit the name (if applicable).
5. Press **MENU SELECT** then use the keypad to edit the number (if applicable).
6. Press **MENU SELECT** then **▲/▼** to edit the melody (if applicable).
7. Press **MENU SELECT** to save.

5.5 Delete a Phonebook Entry

1. In idle, press  to access the phonebook.
2. Press **▲/▼** to select the desired phonebook entry.
3. Press **MENU SELECT** and **▲/▼** to select **DELETE**.
4. Press **MENU SELECT** to confirm.


5.6 Delete the Entire Phonebook Entries

1. Press  to access the phonebook.
2. Press **▲/▼** to select the desired phonebook entry.
3. Press **MENU SELECT** and **▲/▼** to select **DELETE ALL**.
4. Press **MENU SELECT** to confirm and **MENU SELECT** to confirm again.

5.7 Check Phonebook Status

You can check how many entries have been occupied in your phone and how many phonebook entries are available for you to store in the phonebook.

For example, if the handset displays **01/20**, 1 phonebook entry is used out of a total of 20 phonebook entries.

1. Press  to access the phonebook.
2. Press **MENU SELECT** then **▲/▼** to select **PB STATUS**.
3. Press **MENU SELECT** to view the Memory Status.

6. 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.

6.1 Date and Time Settings

You will need to set the correct time and date so that you know when you received answering machine (applicable to model with answering machine) or call list entries.









6.1.1 Set the Date Format

1. Press $\frac{\text{MENU}}{\text{SELECT}}$ and $\blacktriangle/\blacktriangledown$ to select **HS SETTINGS**.
2. Press $\frac{\text{MENU}}{\text{SELECT}}$ and $\blacktriangle/\blacktriangledown$ to select **DATE & TIME**.
3. Press $\frac{\text{MENU}}{\text{SELECT}}$ and $\blacktriangle/\blacktriangledown$ to select **DATE FORMAT**.
4. Press $\frac{\text{MENU}}{\text{SELECT}}$ and $\blacktriangle/\blacktriangledown$ to select your desired date format (**DD-MM-YY** or **MM-DD-YY**).
5. Press $\frac{\text{MENU}}{\text{SELECT}}$ to confirm.









6.1.2 Set the Time Format

1. Press $\frac{\text{MENU}}{\text{SELECT}}$ and $\blacktriangle/\blacktriangledown$ to select **HS SETTINGS**.
2. Press $\frac{\text{MENU}}{\text{SELECT}}$ and $\blacktriangle/\blacktriangledown$ to select **DATE & TIME**.
3. Press $\frac{\text{MENU}}{\text{SELECT}}$ and $\blacktriangle/\blacktriangledown$ to select **TIME FORMAT**.
4. Press $\frac{\text{MENU}}{\text{SELECT}}$ and $\blacktriangle/\blacktriangledown$ to select your desired time format (**12 HR** or **24 HR**).
5. Press $\frac{\text{MENU}}{\text{SELECT}}$ to confirm.

6.1.3 Set the Date



1. Press  and  to select **HS SETTINGS**.
2. Press  and  to select **DATE & TIME**.
3. Press  and  to select **SET DATE**.
4. Press  then enter the date according to **DD-MM-YY** or **MM-DD-YY** format. The date will be in the format you set.
5. Press  to confirm.

6.1.4 Set the Time

1. Press  and  to select **HS SETTINGS**.
2. Press  and  to select **DATE & TIME**.
3. Press  and  to select **SET TIME**.
4. Press  then enter the time information according to **12 HR** or **24 HR** format. The time will be in the format you set.
5. Press  to confirm.

6.2 Handset Settings

6.2.1 Alarm

You can use this phone to set an alarm clock. When an alarm is set,  displays on the LCD. When the alarm time is reached,  and “**ALARM ON**” flash on the screen. The handset also rings for 45 seconds.

NOTES

- You can press any key to turn off the alarm. If, however, the snooze function is activated, the alarm will sound again at the end of the snooze period of seven minutes until you go into alarm settings and turn it off.
- Key press is still applicable if handset keypad is locked and when the alarm time is reached.

- 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 still sounds at **VOLUME 1** level.
- During an external call or an internal call, if an alarm is set and when the alarm time is reached, “**ALARM ON**” will still flash. An alarm tone will be emitted from the earpiece to notify you the alarm time is reached. Once you press any key or press and hold **OFF** to disable the alarm, it will revert to the call duration screen.
- 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.

1. Press $\frac{\text{MENU}}{\text{SELECT}}$ and $\blacktriangle/\blacktriangledown$ to select **HS SETTINGS**.
2. Press $\frac{\text{MENU}}{\text{SELECT}}$ and $\blacktriangle/\blacktriangledown$ to select **ALARM**.
3. Press $\frac{\text{MENU}}{\text{SELECT}}$ and $\blacktriangle/\blacktriangledown$ to select **ON/OFF**.
4. Press $\frac{\text{MENU}}{\text{SELECT}}$ to confirm.

If **ON** is selected:

1. Use the keypad to enter the time.
2. Press $\frac{\text{MENU}}{\text{SELECT}}$ to confirm. The display shows the current time and date, and you are prompted to set the snooze function.
3. Press $\frac{\text{MENU}}{\text{SELECT}}$ then $\blacktriangle/\blacktriangledown$ to select **ON** or **OFF**.
4. Press $\frac{\text{MENU}}{\text{SELECT}}$ to confirm.

6.2.2 Set the Ringer Melody for External Calls

You can set the melody to personalize your internal ringer. A total of 10 melodies are provided for your selection.

1. Press $\frac{\text{MENU}}{\text{SELECT}}$ and $\blacktriangle/\blacktriangledown$ to select **HS SETTINGS**.
2. Press $\frac{\text{MENU}}{\text{SELECT}}$ and $\blacktriangle/\blacktriangledown$ to select **RING SETUP**.
3. Press $\frac{\text{MENU}}{\text{SELECT}}$ and $\blacktriangle/\blacktriangledown$ to select **EXT RING**.
4. Press $\frac{\text{MENU}}{\text{SELECT}}$ and $\blacktriangle/\blacktriangledown$ to select the desired ringer melody.

NOTE

The respective ringer melody will be played while you are scrolling through the melody list.

5. Press $\frac{\text{MENU}}{\text{SELECT}}$ to confirm.

6.2.3 Set the Ringer Melody for Internal Calls

You can set the melody to personalize your external ringer. A total of 10 melodies are provided for your selection.

1. Press $\frac{\text{MENU}}{\text{SELECT}}$ and $\blacktriangle/\blacktriangledown$ to select **HS SETTINGS**.
2. Press $\frac{\text{MENU}}{\text{SELECT}}$ and $\blacktriangle/\blacktriangledown$ to select **RING SETUP**.
3. Press $\frac{\text{MENU}}{\text{SELECT}}$ and $\blacktriangle/\blacktriangledown$ to select **INT RING**.
4. Press $\frac{\text{MENU}}{\text{SELECT}}$ and $\blacktriangle/\blacktriangledown$ to select the desired ringer melody.

NOTE

The respective ringer melody will be played while you are scrolling through the melody list.

5. Press $\frac{\text{MENU}}{\text{SELECT}}$ to confirm.

6.2.4 Set the Ringer Volume

You can set the ringer volume level. A total of 6 ringer volume levels including **VOLUME OFF** are provided for your selection.

1. Press  and ▲/▼ to select **HS SETTINGS**.
2. Press  and ▲/▼ to select **RING SETUP**.
3. Press  and ▲/▼ to select **RING VOLUME**.
4. Press  and ▲/▼ to select the ringer volume






NOTE

The respective ringer volume will be played during your selection.





5. Press  to confirm.

6.2.5 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 be emitted while you are talking with the phone to alert you that you need to charge your battery.

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

6.2.6 Rename the Handset

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

6.2.7 Choose the information to be Displayed in Idle

You can choose to display time or handset name in your idle screen.

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

6.2.8 Set the AUTO Answer

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

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

6.3 Base Settings

6.3.1 Set the Dial Mode

1. Press **MENU SELECT** and **▲/▼** to select **BS SETTINGS**.
2. Press **MENU SELECT** and **▲/▼** to select **DIAL MODE**.
3. Press **MENU SELECT** and **▲/▼** to select **TONE** or **PULSE**.
4. Press **MENU SELECT** to confirm.






6.3.2 Set the Flash Time

The flash time settings is country dependent. Please contact your local service provider for the correct settings.

1. Press **MENU SELECT** and **▲/▼** to select **BS SETTINGS**.
2. Press **MENU SELECT** and **▲/▼** to select **FLASH TIME**.
3. Press **MENU SELECT** and **▲/▼** to select **SHORT**, **MEDIUM** or **LONG**.
4. Press **MENU SELECT** to confirm.

6.3.3 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 .
4. Enter the old system **PIN**.
5. Press  then enter the new system **PIN**.
6. Press  then enter the new system **PIN** again.





NOTE

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

7. Press  to confirm.

6.3.4 Set the ECO range

You can set the ECO range to **HALF RANGE** or **FULL RANGE**. When ECO range is set to **HALF RANGE**, the radiation between the base and handset will be lower, as well as the range of the base.

1. Press  and ▲/▼ to select **BS SETTINGS**.
2. Press  and ▲/▼ to select **ECO RANGE**.
3. Press  and ▲/▼ to select **HALF RANGE** or **FULL RANGE**.
4. Press  to confirm.

6.4 Reset Your Phone


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

1. Press $\frac{\text{MENU}}{\text{SELECT}}$ and $\blacktriangle/\blacktriangledown$ to select **DEFAULT**.
2. Press $\frac{\text{MENU}}{\text{SELECT}}$ and you are requested to enter the 4-digit system PIN.
3. Enter the 4-digit system PIN.
4. Press $\frac{\text{MENU}}{\text{SELECT}}$ to confirm
5. Press $\frac{\text{MENU}}{\text{SELECT}}$ to re-confirm.


6.5 Register a Handset

Your handset is pre-registered to the base station. Up to five handsets can be registered to a a single base station.

If for some reason, the handset is not registered to the base station, **REGISTER**™ will be displayed on the handset screen, register your handset following the process below.

1. Press and hold  on the base station for about five seconds, the base station is entered into registration mode.
2. Press $\frac{\text{MENU}}{\text{SELECT}}$ and $\blacktriangle/\blacktriangledown$ to select **REGISTRATION**.
3. Press $\frac{\text{MENU}}{\text{SELECT}}$ and you are requested to enter the 4-digit system PIN.
4. Enter the 4-digit system PIN and press $\frac{\text{MENU}}{\text{SELECT}}$ to confirm.

NOTE

If the handset registration is successful, the handset will automatically be allocated the next available handset number. This handset number is shown in the handset display in standby mode. If the handset registration is unsuccessful, the  will still flash.

6.6 Deregister a Handset

You may need to deregister your handsets if you wish to change the designated handset number of your registered handsets.

You are requested to enter the 4-digit PIN in order to de-register a handset from the base station.

NOTE

You cannot deregister the handset that you are currently using.

1. Press $\frac{\text{MENU}}{\text{SELECT}}$ and $\blacktriangle/\blacktriangledown$ to select **BS SETTINGS**.
2. Press $\frac{\text{MENU}}{\text{SELECT}}$ and $\blacktriangle/\blacktriangledown$ to select **DELETE HS**.
3. Press $\frac{\text{MENU}}{\text{SELECT}}$.
4. Enter the 4-digit system PIN.
5. Press $\frac{\text{MENU}}{\text{SELECT}}$. A list of registered handsets is displayed.
6. Press $\blacktriangle/\blacktriangledown$ to select one of the handsets that you want to de-register.
7. Press $\frac{\text{MENU}}{\text{SELECT}}$ to confirm.

7. CALLER DISPLAY (NETWORK DEPENDENT)

7.1 Call List

This feature is available if you have subscribed to the Caller Line Identification service from your telephone company. Your phone can store up to 10 received calls with date/time information in the Call List. The number will be shown on the LCD when the phone is ringing. If the number matches with one of the entries in your Private Phonebook, the caller's name stored in the private phonebook will be displayed with the number. The handset will ring with melody associated with that phonebook entry.

The call list information might not be available for every incoming call. The callers might intentionally block their names and / or telephone numbers.

Call log display screen messages


WITHHELD The caller is blocking the telephone number.

OUT OF AREA This caller's number is unavailable.

When the list is full, and a new call is received, the oldest entry will be deleted automatically.

7.2 View the Call List

Review the caller log history to find out who called, to easily return a call, or to save the caller's name and number into your phonebook. "**EMPTY**" appears if there are no records in the call list.

1. Press  CALLS to access the call list.

OR

Press MENU SELECT and / to select **CALL LIST**. Press MENU SELECT.

2. Press / to select the desired entry.

7.3 Store a Call List Number into the Phonebook

1. Follow Steps 1 and 2 in the section of **View the Call list**.
2. Press $\frac{\text{MENU}}{\text{SELECT}}$ and $\blacktriangle/\blacktriangledown$ to select **ADD TO PB**.
3. Press $\frac{\text{MENU}}{\text{SELECT}}$ to enter the name. (See **Entering Names** on page 25)
4. Press $\frac{\text{MENU}}{\text{SELECT}}$ and the selected call list number is displayed.
5. Edit the number if necessary. (See **Writing Tips** on page 26)
6. Press $\frac{\text{MENU}}{\text{SELECT}}$ and $\blacktriangle/\blacktriangledown$ to select the melody, and $\frac{\text{MENU}}{\text{SELECT}}$ to confirm.

NOTE

If the phonebook is full, “**PB FULL**” will be displayed. You need to delete some entries from the phonebook in order to save new ones.

7.4 Delete an Entry in the Call List

1. Follow Steps 1 and 2 in the section of **View the Call list** in page 37.
2. Press $\frac{\text{MENU}}{\text{SELECT}}$ and $\blacktriangle/\blacktriangledown$ to select **DELETE**.
3. Press $\frac{\text{MENU}}{\text{SELECT}}$ to confirm.

7.5 Delete the Entire List of the Call List

1. Follow Steps 1 and 2 in the section of **View the Call list** in page 37.
2. Press $\frac{\text{MENU}}{\text{SELECT}}$ and $\blacktriangle/\blacktriangledown$ to select **DELETE ALL**.
3. Press $\frac{\text{MENU}}{\text{SELECT}}$ to confirm, and $\frac{\text{MENU}}{\text{SELECT}}$ again to re-confirm.

7.6 View the Details of the a Call Entry

1. Follow Steps 1 and 2 in the section of **View the Call list** in page 37.
2. Press $\frac{\text{MENU}}{\text{SELECT}}$ and $\blacktriangle/\blacktriangledown$ to select **DETAILS**.
3. Press $\frac{\text{MENU}}{\text{SELECT}}$, and the date and time of the desired entry is displayed.

8. DEFAULT SETTINGS

ITEMS	Default Values
Default Settings of Handset	
EXT RING	MELODY 1
INT RING	MELODY 2
RING VOLUME	VOLUME 3
EARPIECE VOLUME	VOLUME 1
SPEAKER VOLUME	VOLUME 3
HANDSET NAME	HANDSET
KEY TONE	ON
LOW BATTERY BEEP	ON
OUT OF RANGE BEEP	ON
AUTO ANSWER	ON
DATE FORMAT	DD--MM--YY
TIME FORMAT	24 HR
SET DATE	01--01--16
SET TIME	00--00
ALARM	OFF
Default Settings of Base	
FLASH TIME	LONG
DIAL MODE	TONE
DEFAULT PIN	0000
ECO RANGE	FULL RANGE

9. 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"><li data-bbox="324 301 895 439">• Make sure the batteries are installed and charged correctly. For optimum daily performance, return the handset to the telephone base after use.<li data-bbox="324 454 895 554">• Make sure the power adapter is securely plugged into an outlet not controlled by a wall switch.<li data-bbox="324 568 895 668">• Make sure the telephone line cord is plugged firmly into the telephone base and the telephone wall jack.<li data-bbox="324 682 895 868">• 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.<li data-bbox="324 882 895 982">• Remove and re-insert the batteries. If that still does not work, it might be necessary to purchase new batteries.<li data-bbox="324 996 895 1210">• 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.

<p>Low battery shows on screen.</p>	<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.
<p>The batteries do not charge in the handset or the handset batteries do not accept charge.</p>	<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 14 hours. • Purchase new batteries.
<p>There is interference during a telephone conversation. My calls fade out when I am using the handset.</p>	<ul style="list-style-type: none"> • 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.

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

- 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.	<p>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):</p> <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.
--	--

This telephone is not equipped with a grounding function. Therefore, some of the functions may be limited when used in PBX systems. Please contact the technical support of the network provider for further information.

10. TECHNICAL SPECIFICATIONS

BASIC INFORMATION	
Dimensions	Handset: width / depth / height = 23 X 47 X 160 mm Base: width / depth / height = 80 X 84 X 35 mm Charger: width / depth / height = 80 X 84 X 35 mm
Weight	Handset: 110g with battery, 94g without battery Base: 58g Charger: 40g
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	
Electrical power: Input: 100 - 240VAC 50/60Hz 150mA Output: 6VDC 450mA	
Battery Information: 2 x 1.2V AAA 400mAh NiMH rechargeable battery	

* Values may vary according to environment.

** Depending on initial battery charge.

11. CARE AND MAINTENANCE

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 year. 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

DISCONNECT ALL TELEPHONE LINE FROM THE WALL-OUTLET BEFORE REPLACING BATTERY.

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

DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

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