

22438
2.4GHz Digital Cordless Telephone
with Dual Mode Call ID
User manual



THOMSON

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IMPORTANT SAFETY INSTRUCTIONS

BEFORE USING YOUR TELEPHONE EQUIPMENT, BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE FOLLOWED TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK AND INJURY TO PERSONS, INCLUDING THE FOLLOWING

1. Read and understand all 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, wash bowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool.
5. Do not place this product on an unstable cart, stand or table. The product may fall, causing serious damage to the product.
6. Slots and openings in the cabinet and the back or bottom are provided for ventilation. To protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the product on the bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation unless proper ventilation is provided.
7. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your dealer or local power company.
8. Do not allow anything to rest on the power cord. Do not locate this product where the cord will be damaged by person walking on it.
9. Do not overload wall outlet extension cords, as this can result in the risk of fire or electric shock.
10. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on this product.
11. To reduce the risk of electric shock, do not disassemble this product. Instead, when some repair work is required, take the unit to a qualified technician. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the appliance is subsequently used.
12. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - When the power supply cord or plug is damaged or frayed.
 - If liquid has been spilled into the product.
 - If the product has been exposed to rain or water.
 - If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions because improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
 - If the product has been dropped or cabinet has been damaged.
 - If the product exhibits a distinct change in performance.


13. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electrical shock from lightning.
Do not use the telephone to report a gas leak in the vicinity of the leak.

IMPORTANT: Because cordless phones operate on electricity, you should have one phone in your home that isn't cordless, in case the power in your home goes out.

WARNING: TO PREVENT FIRE OR ELECTRICAL SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE		
 <p>THE LIGHTING FLASH AND ARROW HEAD WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF “DANGEROUS VOLTAGE” INSIDE THE PRODUCT.</p>	<div style="border: 1px solid black; padding: 2px; width: fit-content; margin: 0 auto;"> <p>CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN</p> </div> <p>CAUTION: TO REDUCE THE RISK OF ELECTRICAL SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</p>	 <p>THE EXCLAMATION WITHIN THE TRIANGLE IS WARNING SIGN ALERTING YOU OF IMPORTANT INSTRUCTIONS ACCOMPANYING THE PRODUCT.</p>
SEE MARKING ON BOTTOM / BACK OF PRODUCT		

BATTERY SAFETY PRECAUTIONS

- Do not burn, disassemble, mutilate, or puncture. Like other batteries of this type, toxic materials could be released which can cause injury.
- To reduce the risk of fire or personal injury, use only the battery listed in User's Guide.
- Keep batteries out of children.
- Remove batteries if storing over 30 days.

	<p>CAUTION:</p> <p>Danger of explosion if battery is incorrectly replaced. Replace only with SANIK, type no. : SN-AAA 60HJ rechargeable battery or equivalent. Do not dispose of the battery in a fire. The cell may explode. Check with local code for possible special disposal instructions.</p>
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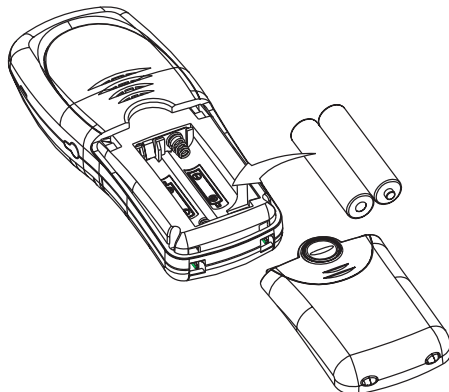
Installation

IMPORTANT:

Please make sure you completed the Handset battery installation first, before you plug in the Base Adaptor.

1. Inserting the batteries

Open the battery compartment by sliding the cover down. Insert two AAA batteries in the compartment, ensuring correct polarity.



The handset does not work if the wrong batteries are inserted. It is also possible that the handset could be damaged as a result.

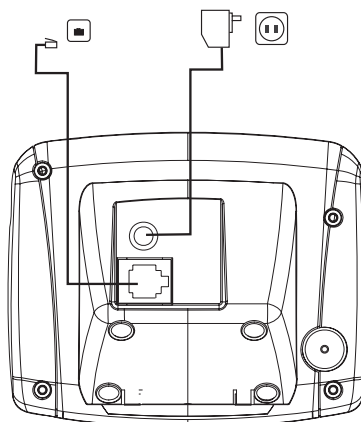
Replace the cover on the battery compartment and slide it on until it locks in place. Place the handset in the base or charging station. An acoustic acknowledgement is issued and the charging indicator signals the charging process has started. Allow the batteries to be charged for 14 hours without interruption the first time they are charged. When possible, only remove the handset from the station when the charging process has been completed. This ensures optimum operation.

2. Connecting the Base Station and Power Plug

Connecting the plugs to the corresponding sockets in the base station (they can not be connected incorrectly because the sockets and plugs are designed prevent reverse poling). Lay the cable under the telephone to the rear. Plug the telephone line in the telephone connection socket. Insert the power plug at the other end in the power outlet. The base station in now ready to operate.



Only use the connection cable supplied.



3. Connecting the charging station[#]

Insert the power plug in the socket on the rear side of the charging station. Insert the power plug at the other end in the power outlet. The charging station is now ready to operate.

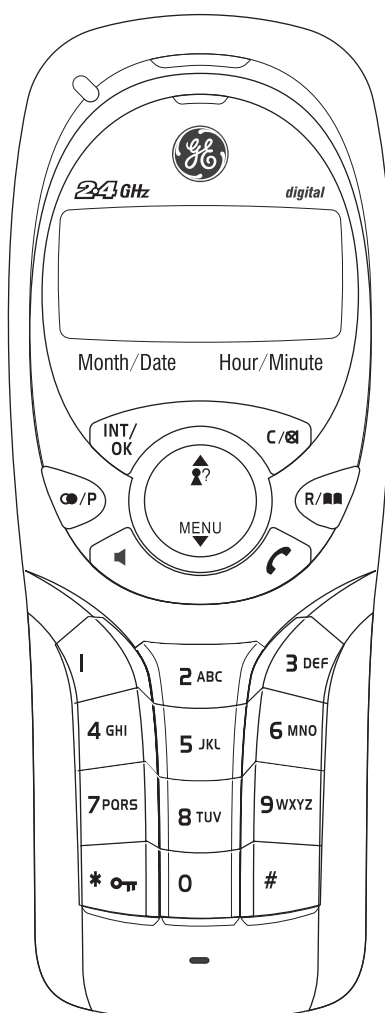


The base station and charging station have no power switch. Ensure that a Mains power outlet is close by and that the power plug is easy to access. Check that the voltage specified on the power plug corresponds with that supplied by local power network.










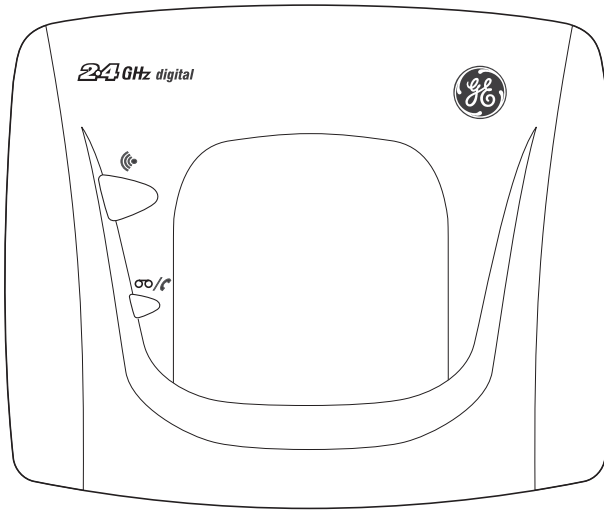
CAUTION:
Use only the ATLINKS power supply that came with this unit. Using other power supplies may damage the unit.



1 Handset and Base Layouts



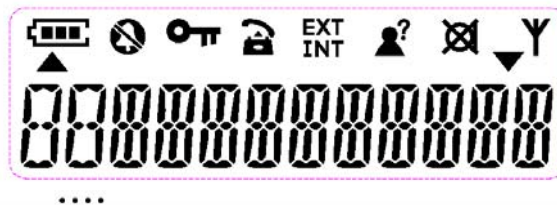
[#] This feature is only applicable with more than one handset





MENU / ▼	Menu / down key
	CID key / Up key
INT / OK	INT / OK key
C / 	Cancel / Mute key
	Speaker key
	Redial / Pause key
	External call key.
R / 	Flash /Memory key
* / 	Asterisk / lock key
#	Hash key








	Page key
	In-use LED: Steady: when handset is connected to a call in the base station Flash: when message waiting is received

2 LCD Display

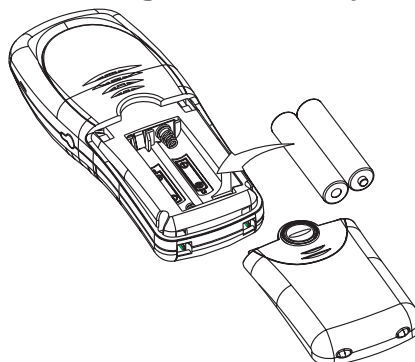


	Battery icon
	Phone icon
EXT	External call icon
INT	Internal call icon
	CLI icon
	No ring icon

	Mute icon
	Key lock icon
	Aerial icon
	Up arrow
	Down arrow

3 Getting Started

Install and Charge the Battery Pack




Open the battery cover by gently pressing down on the top of the cover while sliding it down.

Plug the battery pack into the battery compartment and close the compartment.

* Place the handset in the base station to charge for 14 hours prior for first use. If you don't properly charge the phone, battery performance will be compromised.





4 Basic Telephone Operation

Power on operation

- The handset is powered by plugging batteries or by putting on cradle. After then, it will begin to search for a base station that has been registered to that handset. The 'Aerial' icon  will flash and "RANGE OUT" is shown during searching.
- After several seconds, the LCD will display "XX NEW CALLS" if there are new calls existing or show the handset number and the handset name.

Making external calls

Normal dialing

- Press [] and the 'Phone' icon  will be on. If handset is not subscribed or out of range, [] key cannot be used and pressing it will bring on an error tone.
- The "EXT" icon will be on after the PSTN line is connected. (In case that one handset is connected with the PSTN line, the "EXT" icon on the other handset will also be on indicating that the line is engaged.)
- Dial the number as required.
- Press [] to flash the line to perform some PABX function and the LCD will be cleared waiting for new input. The number dialed after the 'Flash' will not be stored in the redial memory.

- If call timer has been set to ON, then after 8 seconds of no further key press, the call timer counter will display. It starts counting from '00: 01' when off hook.
- To terminate the call, press [📞]. The last call time will remain for 2 seconds.
- The call can also be terminated by putting the handset on cradle. In that case, the call time will also be displayed for 2 seconds.

Pre-dialing

- A user may enter the number (up to 25 digits) before seizing the line as shown;
- Press [C/✖] to delete the last input digit. To add a pause digit, press [⏸/P] and a letter 'P' will be shown. Long Press the [C/✖] key can clear all digits at once.
- After the desired number is entered, press [📞] to seize line and the entered number will be dialed out.

Redialing

- During standby mode, press [📞/P] will show one of the 10 last dialed numbers.
- If the number is longer than 12 digits, at first, the first page will be shown aligning right, the digit number equals to the total number minus 12. 2s later, the second page (the rest 12 digit) will be displayed.
- Press [📞/P] to view another last dialed number in the list. Or press [MENU/▼] [👤/?/▲] to view the former or later number.
- Press [📞] to seize line and the selected number will be redialed.

Recalling a number from the phone book directory

- To store a number into the directory, please refer to the menu functions.
- To retrieve the number stored in the phone book memory during standby mode, press [R/👤] and the name for the first number stored in a sorted listed in the directory will be shown.
- Users may like to press the keys [1] – [9] and [MENU/▼] [👤/?/▲] key to locate the desired entry. For example, press [8 TUV] to locate the entry with the name started with 'T'. Press [6 MNO] to locate the name started with 'M'.
- Press [📞] to dial out the number immediately.
- If the phone book is empty, an error tone will be heard following with an error message.
- The error message will be displayed for 2 seconds before reverting to standby mode.

Call log reply *

- During standby mode, press [👤/?/▲] to view unread caller ID or through menu to browse call log list.
- To call back to the caller, press [📞] and the viewed number will be dialed out.

Temp tone dial

- A user may like to change to DTMF dialing temporary during the call if the call has been setup for pulse dialing.
- This can be done by pressing [*/📞] key for more than 2 seconds during the call is active. A digit 'd' will be

8

* Depending on the country and service availability and subscription to the operator.

shown on the display, indicating the 'Change to DTMF' command is sent out.

- Adding the digit 'd' is also possible in pre-dial buffer.

Receiving external Call

- When receiving an external call, all handsets will ring. The "EXT" icon and the handset LED will flash.
- Base In-use LED will flash according to the ring cadence.
- If the network provider support caller ID, the caller's number or name will be shown. (See the section of Caller ID operation for details.)
- Press [] to seize line.
- If auto-answer function is enabled, the line can also be automatically connected after the handset is lifted up from base. For preventing accidental line disconnection, users cannot press [] to go on-hook within 3 seconds after the handset is lifted up. To avoid handset dropping from hand, handset will not go to on-hook when placing handset onto cradle within 3 seconds too.

Making internal calls

- Press [INT/OK] key during standby mode to initiate the internal connection and then press a digit to specify which handset to call to.
- The other handset will ring with the "INT" icon flashing.
- If the input handset number is wrong, number does not display on the LCD, but the dial tone will be heard in earpiece and allow correct number to enter again.
- When the other handset answered the call, the internal call is established. Press [] or [INT/OK] to release the internal call.

Receiving internal Call

- When receiving an internal call, the handset will ring. The "INT" icon and the LED will flash. The handset number of the calling handset will also be shown on the left.
- Press [] to answer the internal call and the flashing icon stop flashing.

Call transfer

- When an external call is established, press [INT/OK] to initiate the internal connection.
- The external call will be on hold. "EXT" and "INT" icon will keep on.
- Press a digit for handset number.
- The other handset will ring. After an internal connection is made, press [] to transfer the external call to another handset (If internal call has been held after call toggle, call transfer is also feasible).
- If [] is pressed before another handset is answered, the call transfer procedure will be cancelled and the external call will be disconnected.
- If [INT/OK] is pressed before another handset is answered, the call transfer procedure will be cancelled and the external call connection is regained.

Call Toggle

- A user may toggle between the external call and the internal call when either is on hold. Press [INT/OK] key to perform call toggling.
- During internal call waiting, "INT" icon will flash.

Three party conference

- When an external call and an internal call are both established at the same time and one of them is on hold, the initiating handset can start a three-party conference by pressing and holding [#] for 2 seconds.
- When an external call has been established between external caller and one handset, user can press [📞] on another handset to join the call with a notification tone.
- If one handset has pressed [📞] during the conference, it will go on-hook with a notification tone and the other handset will continue to establish the external call.

Mute conversation

- During conversation, the microphone can be muted by pressing [C/🔇]. After the function is selected, the icon 🔇 will be on.
- When the outgoing conversation is muted, a user may press [C/🔇] to un-mute the speech path. After that, the icon 🔇 will be cleared.

Handset Speaker Phone

- Press 🔊 key to activate or deactivate the handset speaker.

Changing Volume

- During conversation, the earpiece volume can be adjusted by pressing [🔊/?/▲] or [MENU/▼].
- The adjusted volume level is indicated by a volume bar.
- The volume bar will appear for 2 seconds after the last key press.
- When press [🔊/?/▲] to increase volume if level is 5 or press [MENU/▼] to decrease if it is 1, it will wrap to level 1 or level 5.

Key lock

- In standby mode, a user may press and hold the [*/🔒] key for 2 seconds to lock the keyboard. Once it is locked, the icon 🔒 will be shown and ‘* TO UNLOCK’ message will be displayed;
- All key input will be ignored when the keyboard is locked. To unlock the keyboard, press and hold the [*/🔒] key for 2 seconds.
- When the keyboard is locked, user can still accept the incoming call by pressing the [📞] key. After the call, keyboard is still locked.

Low battery Warning

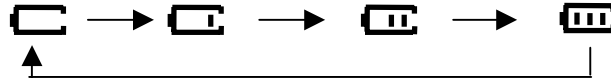
- When the battery low condition is detected during standby mode, low-battery warning tone can be heard and the empty battery sign is shown.
- If user switches off the low battery warning tone through menu tones item, the warning tone will be off.

Out of range warning

- When a handset is being off-hook and it is too far away from a base station, an out of range warning tone can be heard and handset will go to on hook.
- If user switches off the range out warning tone through menu tones item, the tone will be off.

Battery charging

- When a handset is initially started up (reloading the batteries or charging up from empty batteries), the battery will be fast charged for 3 hours.
- During a normal usage scenario, when a handset is used and is put on cradle, the battery will be fast charged for at about 15 minutes.
- If the battery level reaches 2 bars, the system will charge for 3 hours.
- While the battery is being charged, the following animation on the battery icon can be seen.



- After the charging period, fast charge cycle will stop and the battery icon will be shown as full steadily.
- An empty battery has to be charged for about 14 hours in order to reach maximum capacity.

Paging function

- If the [Ⓜ] key is pressed on base during standby mode, base will beep once and the handset will output the paging tone. 'PAGING' message will be shown on LCD;
- Pressing the [Ⓜ] key or any key on handset can stop the page tone and page display.

5 Menu functions

General description

- The menu can only be accessed when the handset is in standby mode.
- All individual functions are listed in the form of a menu.
- Pressing [MENU/▼] to enter the menu and the first selectable item can be seen.
- For example the first selectable item in menu is shown.
- The next item can be chosen by pressing [▲/?] or [MENU/▼] until the desired item is shown on the display. User may then press [INT/OK] to confirm the selection.
- Alternatively, a user may also press an index digit for the desired item to directly select that item.
- At any stage of menu function, user may like to go one level up by pressing [C/☒] or press and hold [C/☒] to completely leave the menu.
- At any stage, user may like to connect to the base immediately by pressing [📶].
- For the sake of convenience, a list of selectable options will be shown as following, although only one item will be actually displayed on the LCD.
- The previous selection will always be shown first and user can change the selection by pressing [▲/?] or [MENU/▼]. User may like to press [INT/OK] to confirm the selection or cancel the selection and go back on level up by pressing [C/☒].
- Handset can exit from menu mode after no key pressing for 20 seconds.
- When entering into CALL LOG or BASE, a 'WAITING' will show to indicate that handset is asking for service from base and waiting for base response.

Summary of all menu functions

- All the selectable items are listed as follows:
(Note: at any time, only one item can be shown on the display)

1 - CALL LOG
0 1 - JACK
1 - DELETE
2 - SAVE
3 - DELETE ALL
0 2 - BLOCK
.
2 - PHONE BOOK
1 - BROWSE
2 - STORE
3 - EDIT
4 - DELETE
5 - MELODY
6 - DELETE ALL
3 - HANDSET
1 - VOLUME
2 - EXT RING
3 - INT RING
4 - HS NAME
5 - TONES
1 - KEY
2 - CONFIRM
3 - LOW BATT
4 - RANGE
6 - TIMER
7 - AUTO ANS
8 - DEFAULT
4 - BASE
1 - MELODY
2 - VOLUME
3 - DIAL MODE
4 CALL BAR
5 - DEREG HS
6 - FLASH
7 - CLEAR MSG
5 - REGISTER
6 - LANGUAGE
1 - ENGLISH
2 - PORTUGUESE
3 - SPANISH

Browsing phone book

- See “Recalling a number from the phone book directory” for details.

Storing number into the phone book

- There are two ways to store a number into the phone book directory.
- The first way is to choose ‘STORE’ from the menu to create a new phone book entry.
- After selection, users will be prompted to enter the name first.
- After the first pressing, the entering display will appear and the letter will blink once for 1 second, during this 1 second, the character can be entered by pressing a digit ‘1’ to ‘0’ for different times within 1 seconds.
- After one second of no key press or another digit key is pressed, the cursor will be advanced by one step as shown, and blink to indicate the current entering position.
- Press [C/✕] to delete the current digit or press [INT/OK] to complete the name entering procedure.
- Name and number cannot be empty.

- User may enter a name of up to 10 characters. During name entering, user may press [C/✕] to clear the last input character. Press [INT/OK] to confirm the name entered. If no character is entered but press [INT/OK] to confirm, a warning tone will prompt.
- After entering the name and confirm, number entry will prompt.
- A user may enter a number of up to 16 digits. During number entry, the user may press [C/✕] to clear the last input digit.
- Press [INT/OK] to complete the number entry and also the procedure of storing an entry in the phone book. A confirm tone will be heard and the storing can be continued one by one.
- The second way to store a number is to copy the call ID number from the call log. The detail of the operation will be described in the section 'Caller ID operation'.
- If the phone book is full before storing a new entry, an error message will be displayed and an error tone can be heard.
- The error message will be shown for 2 second before reverting to the up level menu.

Edit an entry in the phone book

- After selecting 'EDIT', the first item on the sorted list will be shown. Similar to recalling a number from the phone book, user has to choose an entry to edit.
- After pressing [INT/OK], the stored name will be appeared for change followed by the number. The rest of the procedure is the same as storing a number in the phone book.

Deleting entries in the phone book



- After selecting 'DELETE', a user can select the entry to be deleted.
- Press [INT/OK] and then that entry will be removed.
- To delete all the phone book memory, choose 'DELETE ALL' from the menu.
- Confirmation will be required for deleting all entries.
- Press [INT/OK] to confirm the delete procedure or press [C/✕] to cancel.

Set distinctive melody for phone book entry

- After selecting 'MELODY', user can select a melody for phone book entries. Similar to editing a number from the phone book, user has to choose an entry to set.
- Press [INT/OK] and then the melody for that entry will be heard. If no distinctive melody is set to it, the default melody same as the common one set in Ext Ring will be assigned. (See the section of changing handset ring tone)
- The selected ring tone will be heard if the caller ID matches with the number for the entry during incoming call.
- Press [R/🔊] to view phonebook entries, if the entry is set to a distinctive melody, a '#' will indicate before the entry name.

Changing handset ring tone melody & volume

- To change the handset ringer volume, choose 'Volume' under 'Handset'.
- It is allowed to change the volume from 0 to 5 levels and the ring tone for external call can be heard at the same time.

- If level 0 is selected, the ‘No Ring’ icon  will be shown.
- Press [INT/OK] to confirm the selection.
- To change the melody, choose either ‘EXT Ring’ or ‘INT Ring’ for external or internal incoming call.
- 10 normal ring tone melodies can be selected.
- User may change the ring melody by pressing [MENU/▼] or [/▲].
- The selected melody tone can be heard during selection.
- Press [INT/OK] to confirm the selection.

Changing the name for the handset

- User can change the handset’s name displayed during standby by choosing ‘HS NAME’ from the menu.
- If the handset name has been stored, the name will be displayed and the user can change it.

Setting tones on/off

- There are 4 kinds of tone can be set to on or off: key tone, confirm tone (including error tone), low battery tone and range out tone.
- The key beep tone can be set to on or off by selecting ‘KEY’ from the menu ‘TONES’. The previous setting ‘On/Off’ can be seen.
- Choose the desired setting and then press [INT/OK].
- The other tones can be set as key tone.

Setting call timer on/off

- The call timer display during a call can be set to on or off by selecting ‘Timer’. Similar to setting key beep on/off, the previous on/off setting will be shown after selection.
- Choose the desired setting and then press [INT/OK].



Setting auto answer mode on/off

- The auto answer function can be set to on or off by selecting ‘Auto Ans’ from the menu. Similar to setting key beep on/off, the previous on/off setting will be shown after selection.
- Choose the desired setting and then press [INT/OK].


Reset Handset Default setting

- By choosing ‘Default’ under ‘Handset’, user will be asked to confirm the resetting procedure.
- Once confirmed, all the handset setting parameters will be reset to default values.

Changing base ring tone melody & volume

- To change the melody, choose ‘Melody’ under ‘BASE’ and press [INT/OK].
- 10 normal ring tone melodies can be selected.
- User may change the ring melody by pressing [MENU/▼] or [/▲].
- The selected melody tone can be heard during selection.
- Press [INT/OK] to confirm the selection.
- To change the base ringer volume, pressing [MENU/▼] or [/▲] to choose ‘Volume’ under ‘Base’ and press [INT/OK].
- It is allowed to change the volume from 0 to 5 levels and the base ring tone can be heard at the same time.
- If level 0 is selected, the base ringer will be turned off.
- Press [INT/OK] to confirm the selection.


Change DTMF/Pulse Dialing

- The DTMF or pulse dialing mode can be selected by choosing 'Dial Mode' from the base setting menu.
- After selecting, the current dial mode is shown;
- Press [/▲] or [MENU/▼] to select DTMF or pulse dial mode. Press [INT/OK] to confirm or press [C/✕] to abort.


Outgoing Call Barring

- External call barring: All external outgoing calls must be barred.
- Number: All outgoing calls begin with the specifically number must be barred.
- Disable: All calls are allowed.

De-registration

- One of the registered handset is able to remove the registration of another handset.
- Select 'DEREG HS' from the menu, user will be asked to enter the handset number to be deleted
- For safety purpose, a handset cannot delete itself. So, the handset number is shown for other handset. In case that there is only one handset registered, the de-registration procedure will be aborted.
- Press [INT/OK] to proceed. That handset will no longer be able to access the base. The 'Aerial' icon  will disappear and 'NOT RGSTRD' will appear.

Change Flash Time

- The flash time can be changed so that the base can be compatible to different PABX system. Choose 'Flash Time' from the base setting menu and the current setting is displayed.
- Three different flash time can be selected (100ms, 300ms or 600ms) by pressing [MENU/▼] or [/▲].
- Press [INT/OK] to confirm the selection.



Clear Message Waiting *

- Clear message waiting indicator on base and stop LED flashing.

Reset Base Default setting

- Similar to the resetting procedure for handset, confirmation will be required.
- Once confirmed, all the base setting parameters will be reset to factory setting.

Registration

- To register a handset to a base station, the base has to be ready for registration. The base will be ready for registration for 2 minute when [] key is pressed and hold for 3 seconds.
- After selecting 'REGSTER', the handset starts searching for a base station that is available for registration. The 'Aerial' icon  starts flashing.
- If success, the registration procedure will be completed with a confirm tone. If fail, after 60 seconds, the registration procedure will be exited with an error tone.

Change Language

- Select 'Language' from the manual and user will be

- prompted to change the display language.
- A total of 3 languages can be selected.
- Press [MENU/▼] or [👤/?/▲] to select the desired language. Press [INT/OK] to confirm or press [C/✖] to abort.

6 Caller ID operation *

Incoming call indication

- If the network provider sends out CLIP information, some information will be shown
 - Sometimes, the service provider does not send out the number but provide reason of absence.
 - The supported CID displays include: number absence, number, name absence, name, message indication and long distance indication.
1. When Caller ID is activated, the Telephone Company sends the caller's telephone number (and name, if available) and the call's date and time.
 2. If the number is matched in phone book, the name will be displayed instead of the number.
 3. An "L" will be displayed ahead of the number or name for the long distance indication.
 4. The display also indicates "BLOCKED" if caller information is not available or intentionally blocked by the sender.
 5. "MESSAGE" will be displayed when message waiting is received.
 6. If the call ID is with no number and name, blank will be displayed.
- Press [MENU/▼] to view the rest of the number/name if the number/name is longer than 12/10 digits.
 - If the number is longer than 16 digits, only the first 16 digits are stored.
 - If a call with CLI information remained unanswered after the call is gone for 3 seconds, the handset and base will go back to standby mode. The 'CLI' icon 👤? will be on and the number of unread caller ID number will be shown.

Call log management

- There are 20 calls log memories for storing the caller's number and the date-time information. If the caller's name and the date-time information are not available, only the caller number will be stored.
- There are 2 kinds of call log entries: MISSED and RECEIVED.
- If an incoming call with CLI is missed, it will be stored as MISSED. Before user read them, the new call counter will indicate how many new calls are missed. After user read it, it will be changed to RECEIVED and the new call count down.
- If an incoming call with CLI is accepted, the caller information will still be stored in the call log but it will become as RECEIVED call.
- Two category of call log are placed in one list and the MISSED calls are read firstly.
- The caller number and name will be arranged in the call log such that the latest received call information will be stored in the first location.
- Every CLI comes in with the same number will be considered as an identical one. The same CLI number received will replace the other one.
- If all the call log locations are occupied, further reception of caller information will displace the earliest 'received' call. In case that there is no RECEIVED call

is left, the earliest MISSED call information will be displaced.

- Except for the number that can be stored, some 'Absent reason' will also be stored in the call log.

Message waiting management

- Two kinds of message waiting are considered: VWMI ON and VWMI OFF.
- Message waiting management is independent of call log.
- MSG LED on base is flashing or not flashing to indicate message waiting or no message waiting exist
- Any type of CID with VWMI ON to activate MSG LED flashing, whereas any type of CID with VWMI OFF to deactivate it.
- User can clear message waiting manually through 'CLEAR MSG' under 'BASE' menu.

Off-Hook caller ID indication

- When the handset is connecting with the external line, caller ID can also be indicated if off-hook caller ID signal is detected from the telephone. The caller's number will be shown for 8 seconds.
- The caller's number will be saved to the call log and the entry will become as unread call.

Reviewing caller ID number

- The previous caller ID information can be read by choosing 'Call Log' from the menu.
- Alternatively, users can press the [👤/?/▲] key during standby to view the list.
- If there is no caller ID information, the following screen can be seen for 2 seconds before reverting back to standby mode.
- If there is caller ID information, the most recently received caller's number will be shown first. If the call information has not been read before, the 'CLI' icon 👤? will be on.
- After the unread caller ID is read, it will become missed call and be removed from unread list.
- Phone book number matching will be performed on the caller number in call log as well. If there is a match, the name of the caller for that entry will be firstly shown.
- If the name has more than 9 characters, the rest of the name will be omitted. Press [MENU/▼] to view the number or name in the next row.
- Besides '0'-'9', only '*' and '#' could be displayed in the number field.
- Apart from the number can be stored, some 'Absent reason' will also be stored in the call log.
- Press [MENU/▼] or [👤/?/▲] to view the next or previous caller ID information.
- If the caller information for an entry has been read before, the 'CLI' icon 👤? will not appear.
- If caller ID name is not provided, the first page show blank as,
- If the caller's number is too long to be seen at once, pressing [MENU/▼] to show the unseen content on the right.
- If date-time information is available, user may press [MENU/▼] to view the date-time information (MM/DD hh:mm, 24 hour) located at the end of the current call log entry.

Operation on call log

- To operate the caller ID number from call log, choose

‘CALL LOG’ to enter the call log first.

- During viewing any type of call log, press [↶] and the viewed number will be dialed out.
- During viewing ‘missed’ or ‘received’ caller ID, press [INT/OK] to operate it. Three kinds of operations are provided: ‘Delete’, ‘Save’ and ‘Delete All’.
- Then, user could browse a sub-menu by pressing [MENU/▼] or [👤/?/▲]. Press [INT/OK] to execute the selected operation.
- If ‘DELETE’ is selected, after a confirm tone, the next entry will come out. If no entry is to be deleted, LCD shows ‘EMPTY’ and then returns to up level menu after 2 seconds.
- If ‘SAVE’ is selected, if phone book space is full, a warning tone will be heard with the below display and then returns to up level menu after 2 seconds.
- If phone book space is not full, the selected call log entry will be saved to phone book.
- Before saving to phonebook, user can edit the name and number.
- If the current call log entry matches phone book, it can’t be saved to phone book with prompt of ‘EXISTED’. If try to save some call logs without number, it will show ‘INVALID’.
- If the current call log entry does not match phone book and it has no name, the name field will be filled with ‘CID NAME’.
- To delete all call logs, user can select ‘DELETE ALL’ in the call log menu. Further confirmation is necessary before the operation.
- Saving the caller’s number is only possible if a matched entry is not found in the phone book.

Dial back on call log

- Use the [👤/?/▲] or [MENU/▼] button to display the Caller ID record you want to dial.
- During viewing any type of call log, press [0-9] to add digits before CID number. Press [#] to cancel all additive digits.
- Press [↶] or [🔊] button, the number dials automatically.

7 Technical Specifications

AC/DC Adapter:	Output: 6 V DC, 350mA
AC/DC Adapter #: (for Handset charger)	Output: 6 V DC, 150mA
Rechargeable Battery:	SN-AAA60HJ or equivalent (Ni-MH, 1.2V, 600mAh)

8 Troubleshooting Tips

Caller ID Solutions

No Display

- Is battery fully charged? Charge the battery for 14 hours or replace the battery. Make sure the battery is properly installed and connected.
- If you are using AC (electrical) power, make sure that the unit is connected to a non-switched electrical outlet. Disconnect the unit from the plug and plug it in again.
- Are you subscribed to caller ID service from your local telephone company?

Caller ID incomplete

- The unit displays this message if it detects anything other than a valid Caller ID information during the silent period after the first ring. This message indicates the presence of noise on the line.

Telephone Solutions

No dial tone

- Check installation:
 - Is the base power cord connected to a working electrical outlet?
 - Is the telephone line cord connected to the base unit and wall phone jack?
- Disconnect the base from wall phone jack and connect another phone to the same jack. If there is no dial tone on the second phone, the problem might be your wiring or local service.
- The handset might be out of range of the base. Move closer to the base.
- Make sure the battery is properly charged (for 14 hours).
- Ensure the battery is installed correctly.
- Did the handset beep when you pressed the talk/callback button? Did the in use indicator come on? The battery may need to be charged.
- Dial tone is OK, but can't dial out
- Make sure the tone/pulse setting is programmed correctly.

Handset does not ring

- Make sure the RINGER switch on the handset is turned to ON.
- You may have too many extension phones on your line. Try unplugging some phones.
- See solutions for "No dial tone".

Charge/In Use Indicator on the base flashes

- Provided your phone company offers voice messaging service and you subscribe to it, the charge/in use indicator on the base flashes when the phone is not in use to indicate there is message waiting. It stops flashing after message has been reviewed.

Phone dials in pulse with tone service

- Make sure the PHONE is in TONE dialing mode.

Phone won't dial out with pulse service

- Make sure the PHONE is in PULSE dialing mode.
- You experience static, noise, or fading in and out

Change channels.

- The handset maybe out of range. Move closer to the base.
- Relocate the base.

Charge the battery.

- Make sure base is not plugged into an electrical outlet with another household appliance.

Unit beeps

- Place handset in base cradle for 20 seconds reset the security code. If that doesn't work, charge the battery for 14 hours.
- Clean the charging contacts on the handset and base with

- a soft cloth or an eraser.
- See solutions for “No dial tone”.
- Replace the battery.

Memory Dialing

- Did you program the memory location keys correctly?
- Did you follow the proper dialing sequence?
- Make sure the tone/pulse setting is programmed correctly.
- Did you reprogram numbers into memory after a power outage or battery replacement?

Cause of Poor Reception

- Aluminum siding.
- Foil backing on insulation.
- Heating ducts and other metal construction can shield radio signals.
- You're too close to appliances such as microwaves, stoves, computers, etc.
- Atmospheric conditions, such as strong storm.
- Base is installed in the basement or lower floor of the house.
- Baby monitor is using the same frequency.
- Handset battery is low.
- You're out of range of the base.

9 General Product Care

- To keep your telephone working and looking good, follow these guidelines:
- Avoid putting the phone near heating appliances and devices that generate electrical noise (for example, motors or fluorescent lamps).
- DO NOT expose to direct sunlight or moisture.
- Avoid dropping and other rough treatment to the phone.
- Clean with a soft cloth.
- Never use a strong cleaning agent or abrasive powder because this will damage the finish.
- Retain the original packaging in case you need to ship the phone at later date.