

**22428**



**2.4GHz Digital Cordless Telephone  
with Dual Mode Caller ID  
User's Guide**

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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><b>THE LIGHTING FLASH AND ARROW HEAD WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF “DANGEROUS VOLTAGE” INSIDE THE PRODUCT.</b></p>	<div style="border: 1px solid black; padding: 2px; text-align: center; margin-bottom: 5px;"> <b>CAUTION</b>  RISK OF ELECTRIC SHOCK  DO NOT OPEN </div> <p><b>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.</b></p>	 <p><b>THE EXCLAMATION WITHIN THE TRIANGLE IS WARNING SIGN ALERTING YOU OF IMPORTANT INSTRUCTIONS ACCOMPANYING THE PRODUCT.</b></p>
<b>SEE MARKING ON BOTTOM / BACK OF PRODUCT</b>		

## 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><b>CAUTION:</b></p> <p><b>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.</b></p>
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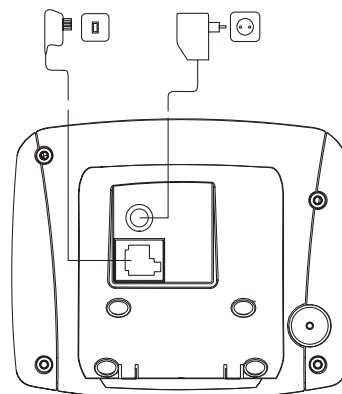
## Installation

### 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.

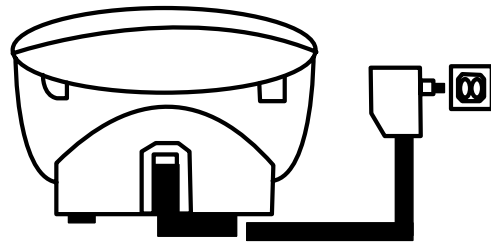




The base station and charging station have no power switch. Ensure that a Mains power outlet is close by and that the power plug is easy to access. Check that the voltage specified on the power plug corresponds with that supplied by local power network.

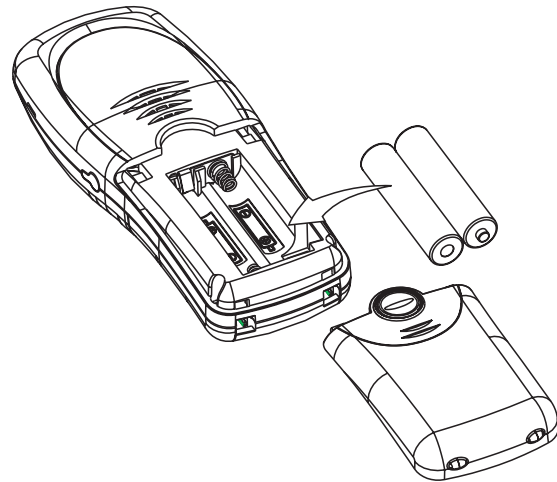
## Connecting the charging station

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



## 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.



### **CAUTION:**

Use only the **ATLINKS (Output rated 6V 350mA)** power supply that came with this unit. Using other power supplies may damage the unit.

# EQUIPMENT APPROVAL INFORMATION—USA

Your telephone equipment is approved for connection to the Public Switched Telephone Network and is in compliance with parts 15 and 68, FCC Rules and Regulations and Technical Requirements for Telephone Terminal Equipment published by ACTA.

## 1 Notification to the Local Telephone Company

On the bottom of this equipment is a label indicating, among other information, the US number and Ringer Equivalence Number (REN) for the equipment. You must, upon request, provide this information to your telephone company.

The REN is useful in determining the number of devices you may connect to your telephone line and still have all of devices ring when your number is called. In most (but not all) areas, the sum of the RENs of all devices connected to one line should not exceed 5. To be certain of the number of devices you may connect to your line as determined by the REN, you should contact your local telephone company.

A plug and jack used to connect to this equipment to the premises wiring and telephone network must comply with the applicable FCC part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details.

### Notes

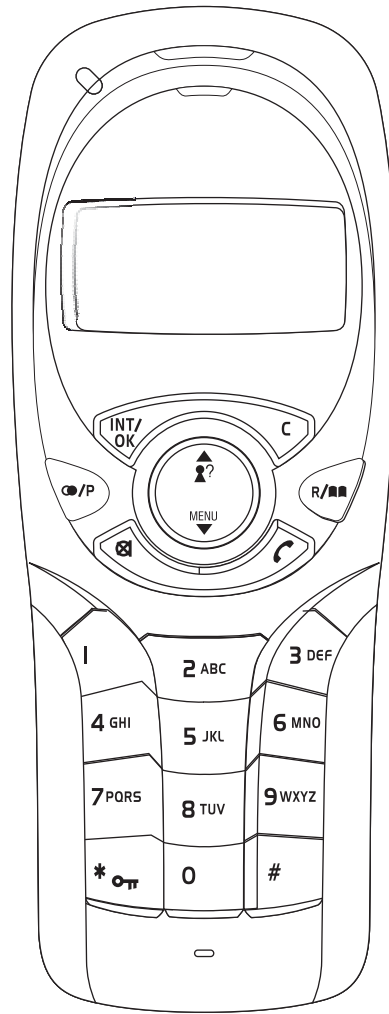
- This equipment may not be used on coin service provided by telephone company.
- Party lines are subject to state tariffs, and therefore, you may not be able to own telephone equipment if you are on a party line. Check with your telephone company.
- Notices must be given to the telephone company upon permanent disconnection of your telephone from your line.
- If your home has specially wired alarm equipment connected to the telephone line, ensure the installation alarm equipment, consult your telephone company or a qualified installer.







## 2 Rights of Telephone Company

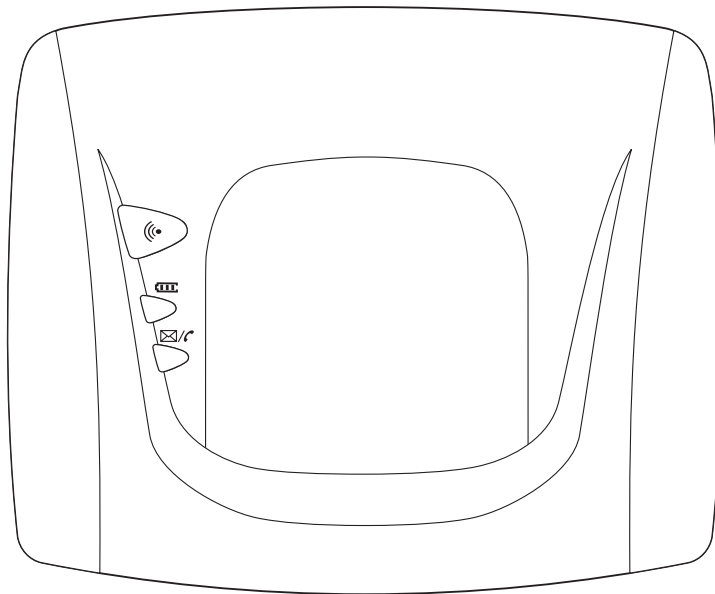
Should your equipment cause trouble on your line which may harm the telephone network, the telephone company shall, where practicable, notify you that temporary discontinuance of service may be required. Where prior notice is not practicable and the circumstance warrant such action, the telephone company may temporarily discontinue service immediately. In case of such temporary discontinuance, the telephone company must: (1) promptly notify you of such temporary discontinuance; (2) afford you the opportunity to correct the situation; and (3) inform you of your right to bring a complaint to the Commission pursuant to procedures set forth in Subpart E of part 68, FCC Rules and Regulations.

The telephone company may make changes in its communications facilities, equipment, operations or procedures where such action is required in the operation of its business and not inconsistent with FCC Rules and Regulations. If these changes are expected to affect the use or performance of your telephone equipment, the telephone company must give you adequate notice, in writing, to allow you to maintain uninterrupted service.

# 1 Handset and Base Layouts

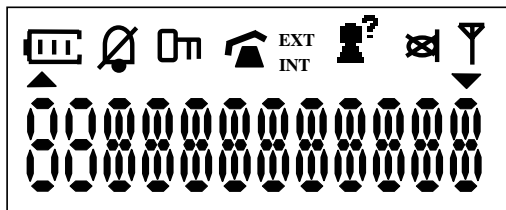


Menu / ▼	Menu / down key
 / ▲	CID key / Up key
INT / OK	INT / OK key
C	Cancel
	Mute key
 / P	Redial / Pause key
	External call key.
R / 	Flash /Memory key
* / 	Asterisk / lock key
#	Hash key



	Charge LED
	<p>In-use / CID LED:</p> <p>The In-use/ CID LED will be steadily on during off-hook. During off-hook, when a call waiting comes in, it will flash. During the period of incoming call, the In-use/Cid LED will also follow the ring cadence to go on or off. When registering, it will flash as a special cadence.</p>

## 2 LCD Display

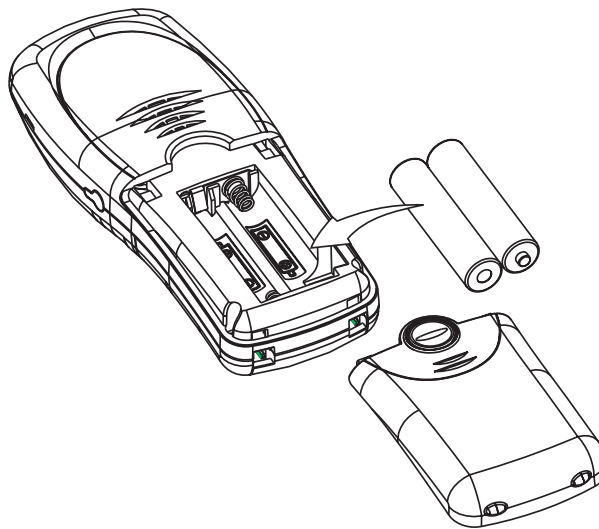


	Battery icon
	Phone icon
EXT	External call icon
INT	Internal call icon
	CLI icon
	No ring icon
	Mute icon
	Key lock icon
	Aerial icon
	Up arrow
	Down arrow



### 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

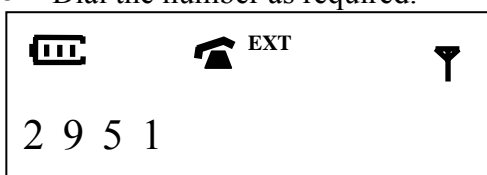
#### Power on operation

- The handset is powered by plugging a battery 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 second, 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.

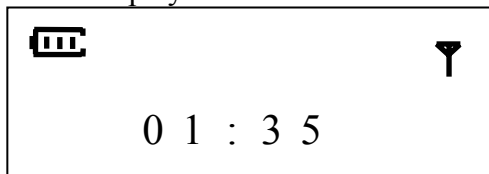


- Press [R/📖] to flash the line to perform some PABX function and the LCD will be cleared waiting for new input. The number dialed after the 'Flash' will not be stored in the redial memory.
- If call timer has been set to ON, then after 8 seconds of no further key press, the call timer counter

will display. It start counting from '00 : 01' when off hook.

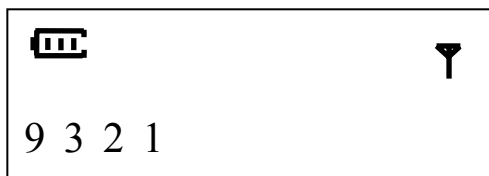


- To terminate the call, press [hook]. The last call time will remain for 2 seconds.
- The call can also be terminated by putting the handset on cradle. In that case, the call time will also be displayed for 2 seconds.



### Pre-dialing

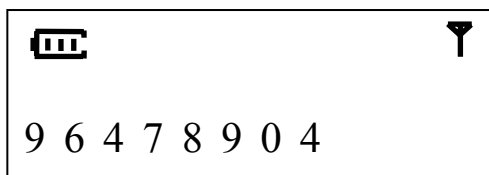
- A user may enter the number (up to 25 digits) before seizing the line as shown;



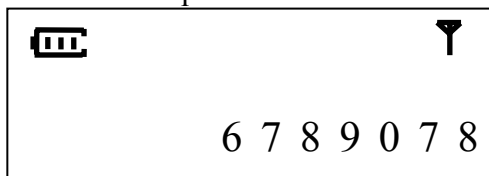
- Press [C] to delete the last input digit. To add a pause digit, press [C/P] and a letter 'P' will be shown. Long Press the [C] key can clear all digits at once.
- After the desired number is entered, press [hook] to seize line and the entered number will be dialed out.

### Redialing

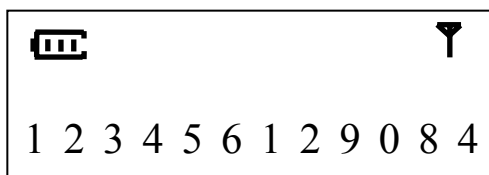
- During standby mode, press [C/P] will show one of the 10 last dialed numbers.



- 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 [C/P] to view another last dialed number in the list. Or press [Menu/▼] [P/▲] to view the former or later number.
- Press [C] 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/▼] [P/▲] 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 [C] 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

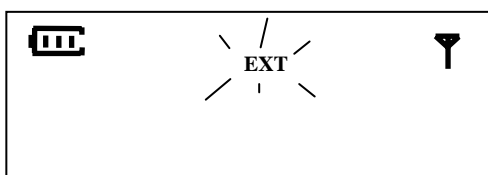
- During standby mode, press [P/▲] to view unread caller ID or through menu to browse call log list.
- To call back to the caller, press [C] and the viewed number will be dialed out.

### 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 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 Msg LED will flash.
- Base In-use LED will flash according to the ring cadence.

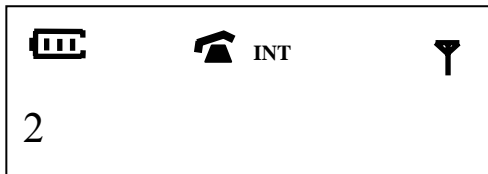


- If the network provider support caller ID, the caller's number or name will be shown. (See the section of Caller ID operation for details.)
- Press [C] to seize line.
- If auto-answer function is enabled, the line can also be automatically connected after the handset is

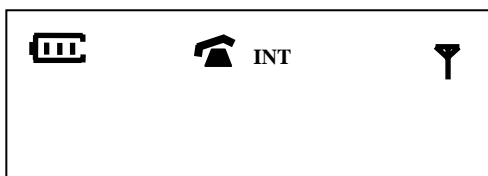
lifted up from base. For preventing accidental line disconnection, users cannot press [ ] to go on-hook within 3 seconds after the handset is lifted up. To avoid handset dropping from hand, handset will not go to on-hook when placing handset onto cradle within 3 seconds too.

## 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.



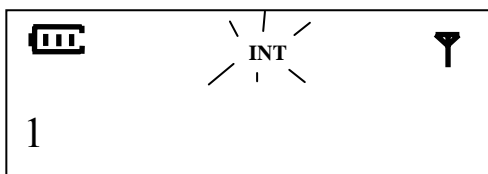
- The other handset will ring with the 'INT' icon flashing.
- If the input handset number is wrong, number does not display on the LCD, but the dial tone will be heard in earpiece and allow correct number to enter again.



- When the other handset answered the call, the internal call is established. Press [ ] or [INT/ OK] to release the internal call.

## Receiving internal Call

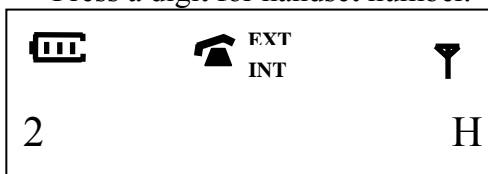
- When receiving an internal call, the handset will ring. The 'INT' icon and the Msg LED will flash. The handset number of the calling handset will also be shown on the left.



- 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

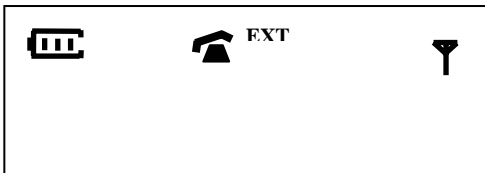
- A user may toggle between the external call and the internal call when either is on hold. Press [INT / OK] key to perform call toggling.
- During internal call waiting, “INT” icon will flash.

## 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.

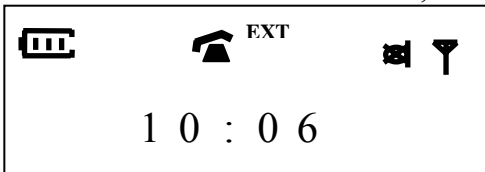


- If one handset has pressed [📞] during the conference, it will go on-hook with a notification tone and the other handset will continue to establish the external call.



## Mute conversation

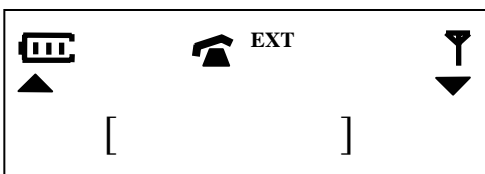
- During conversation (internal or external call), the microphone can be muted by pressing [🔇]. After the function is selected, the ‘mute’ icon will be on.



- When the outgoing conversation is muted, a user may press [🔇] to un-mute the speech path. After that, the ‘mute’ icon will be cleared.


## Changing Volume

- During conversation (internal and external call), the earpiece volume can be adjusted by pressing [🔊/▲] or [Menu/▼].
- The adjusted volume level is indicated by a volume bar as shown;





- 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 ‘key’ 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.

## Emergency Call

- When keypad is locked, emergency number can be dialed out.
- Press emergency number first in locked mode and it will be displayed if matched, then press [] to dial.
- Emergency call number is factory setting.

## 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.



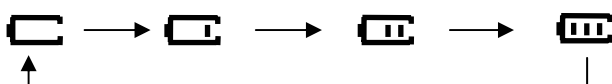
- If, however, the low battery condition is detected when a call is active, a low-battery warning tone can be heard every 15 seconds and the empty battery sign is shown. Whereas in idle mode, the low-battery warning tone will emit every 30 seconds in order to save power.
- If user switches off the low battery warning tone through menu tones item, the warning tone will be off.
- The current call connection will be halted after 3.5 minutes if battery is low.

## 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. In idle mode, the range out tone will be heard every 30 seconds.
- 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, the software will stop the fast charge cycle 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 page 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 page 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 [1? / ▲] 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 [hook icon].
- 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 users can change the selection by pressing [1? / ▲] or [Menu / ▼]. Users 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	
1 - UNREAD	
2 - MISSED	
3 - RECEIVED	
4 - CLEAR MEG	
5 - DELETE ALL	
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 - VOLUME	
2 - MELODY	
3 - DIAL MODE	
4 - DEREG HS	
5 - DEFAULT	
5 - REGISTER	
6 - LANGUAGE	





1 - E N G L I S H
2 - P O R T U G U E S E
3 - S P A N I S H

## 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.

NAME :

- After the first pressing, the entering display will appear and the letter will blink once for 1 second, during this 1 second, the character (listed in the following table) 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.



P \_

- 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.




NUMBER :

- 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.

1 2 3 \_

- 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.

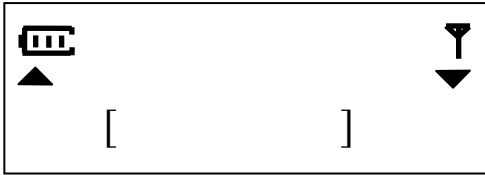
### **Set distinctive melody for phone book entry**

- 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 match 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**

- 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 as well.



- 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.
- Users may change the ring melody by pressing [Menu/▼] or [M?/▲].
- The selected melody tone can be heard during selection.

### Changing the name for the handset

- Users 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 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].

### 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].

## 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.

## 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 a page 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 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 [M? / ^] or [Menu / v] to select DTMF or pulse dial mode. Press [INT / OK] to confirm or press [C] to abort.

## 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 as shown.



### 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.

### Change Language

- Select 'Language' from the manual and the user will be prompted to change the display language.
- A total of 3 languages can be selected.

E N G L I S H  
P O R T U G U E S E  
S P A N I S H

- Press [Menu/▼] or [F1/?/▲] to select the desired language. Press [INT/ OK] to confirm or press [C] to abort.

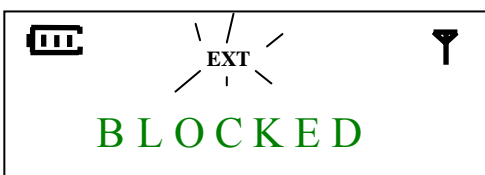
## 6 Caller ID operation

### Incoming call indication

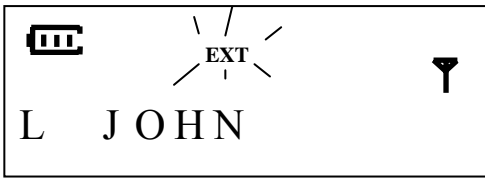
- If the network provider sends out CLIP information, some information will be shown
- Sometimes, the service provider does not send out the number but provide reason of absence. The following table summarizes what will be shown on the LCD for different cases.

FSK caller ID	
Reason = 'P'	B L O C K E D
Reason = 'O'	U N K N O W N
Reason = others	

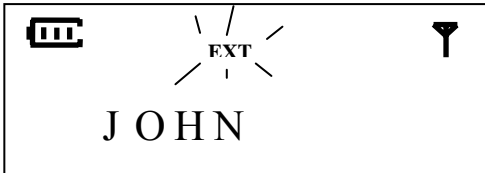
- The supported CID displays include: number absence, number, name absence, name, msg indication, long distance indication;
- The display sequences/priorities are as following,
  1. (number absence): show number absence



2. (no number absence)+(number)+(matched in phonebook)+(long distance indication): 'L'+ '+phonebook name

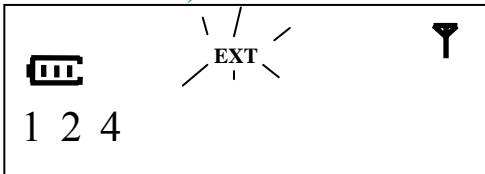


3. (no number absence)+(number)+(matched in phonebook)+(no long distance indication):  
 ' '+phonebook name

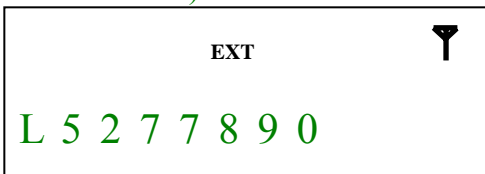


4. (no number absence)+(number)+(not matched in phonebook)+(name)+(long distance indication):  
 'L'+number

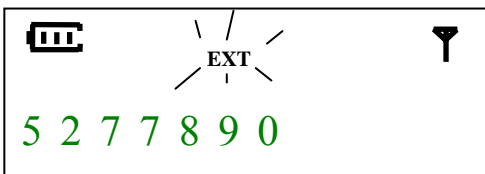
5. (no number absence)+(number)+(not matched in phonebook)+(name)+(no long distance indication): number



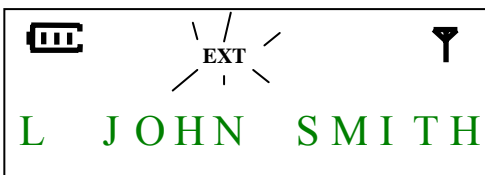
6. (no number absence)+(number)+(not matched in phonebook)+(no name)+(long distance indication): 'L'+number



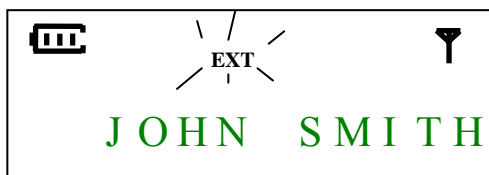
7. (no number absence)+(number)+(not matched in phonebook)+(no name)+(no long distance indication): number



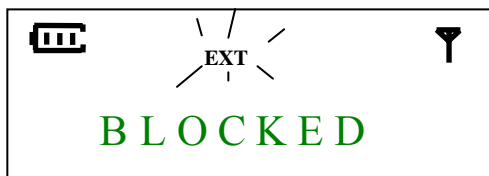
8. (no number absence)+(no number)+(name)+(long distance indication): 'L'+'+ '+name



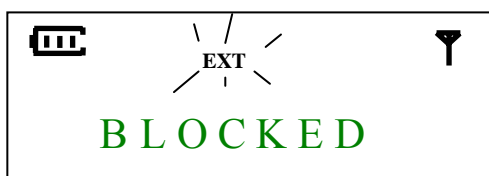
9. (no number absence)+(no number)+(name)+(no long distance indication): ' '+' '+name



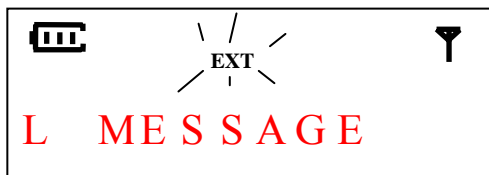
10. (no number absence)+(no number)+(no name)+(name absence)+(long distance indication): ' '+' '+name absence



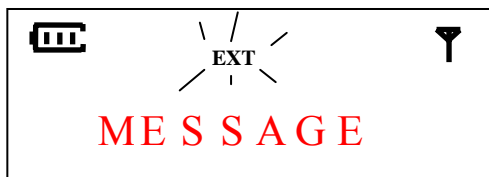
11. (no number absence)+(no number)+(no name)+(name absence)+(no long distance indication): ' '+' '+name absence



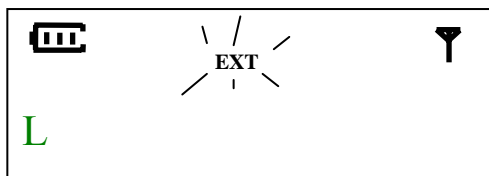
12. (no number absence)+(no number)+(no name)+(no name absence)+(msg indication)+(long distance indication): 'L'+ ' '+message



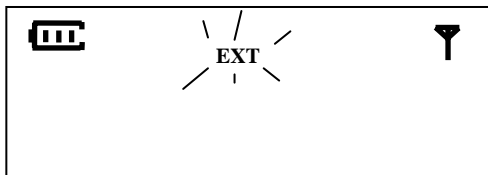
13. (no number absence)+(no number)+(no name)+(no name absence)+(msg indication)+(no long distance indication): ' '+' '+message



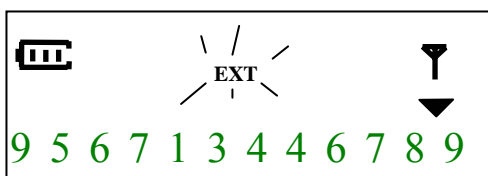
14. (no number absence)+(no number)+(no name)+(no name absence)+(no msg indication)+(long distance indication): 'L'



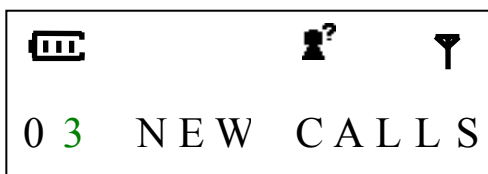
15. (no number absence)+(no number)+(no name)+(no name absence)+(no msg indication)+(no long distance indication):



- 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 as follows.



## 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 3 kinds of call log entries: UNREAD, MISSED and RECEIVED.
- If an incoming call with CLI is missed, at first it will be stored in UNREAD category before user read it. Unread call log deletion is forbidden, unless user delete all call logs. After user read it, it will be removed from UNREAD category to MISSED category. Then it can be saved to phone book or deleted one by one.
- If an incoming call with CLI is accepted, the caller information will still be stored in the call log but it will becomes as RECEIVED call.
- 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 independent 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 (or UNREAD) call information will be displaced.
- Apart from 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.
- Only one flag is for message waiting: MSG LED on handset 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 thru 'CLEAR MSG' under 'CALL LOG' 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 15 seconds.
- The caller's number will be saved to the call log and the entry will become as unread call.

### Reviewing caller ID number

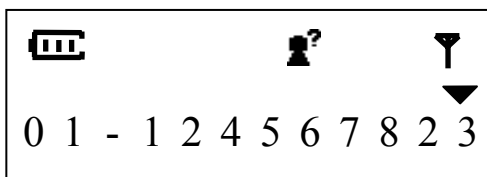
- The previous caller ID information can be read by choosing 'Call Log' from the menu.
- Alternatively, users can press the [👤/?/▲] key during standby to view the unread call.
- If there is no unread caller ID information, the following screen can be seen for 2 seconds before reverting back to standby mode.



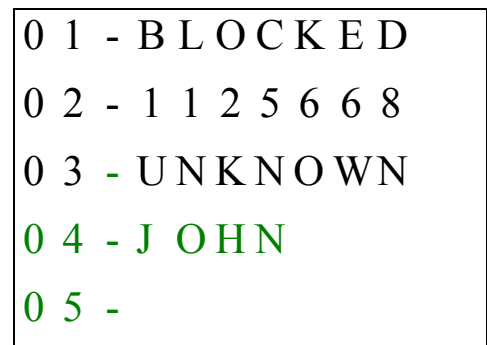
- If there is caller ID information, the most recently received caller's number will be shown first. If the call information has not been read before, the 'CLI' icon will be on.
- After the unread caller ID is read, it will become missed call and be removed from unread list.
- Phone book number matching 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.



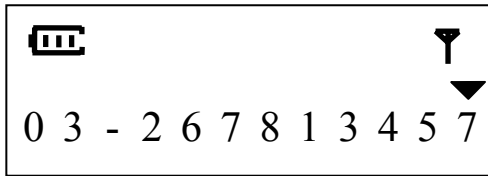
- If the name has more than 9 characters, the rest of the name will be omitted. Press [Menu/▼] or view the number or name in the next row.



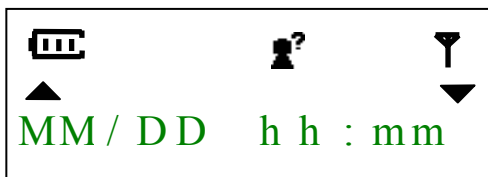
- Besides '0'-'9', only '\*' and '#' could be displayed in the number field.
- Apart from the number can be stored, some 'Absent reason' will also be stored in the call log. Please see the examples below.



- 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 the caller’s number is too long to be seen at once, pressing [Menu/▼] will 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. Two kinds of operations are provided as shown.



- 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 as shown.



- If the current call log entry match 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 log (including unread type), 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

- 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 [0-9] to add digits before CID number. Press [#] to cancel all additive digits.
- If number of digits is more than 6, always allow to press # to truncate the leftmost digit of the CID.
- If number of digits is less than 16, always allow to press 0 - 9 to insert digits 0 - 9 correspondingly to the left of the 1st digit of the CID.
- Insert follow truncate shall copy original cid record to the display. Truncate follow insert is allowed.
- The amended CID do not save in the CID log, and press CID up or down button to recover to the original stored CID number .

## 7 Technical Specifications

Open Field Range*:	Typical 300m
Indoor Range*:	Typical 50m
Handset Operating Time: (average values**)	Approx. 6 hours talk time Approx. 70 hours standby
Handset Weight:	Approx. 115g
AC/DC Adapter:	Switching mode / VDE / Dual Input : DSA-5P-05 FEU 060035 / 3515-0635-ADC / D060035DU Input: 100-240V AC, 50/60Hz / 230 V AC, 50Hz / 110/220 V AC, 50/60 Hz Output: 6 V AC, 350mA
AC/DC Adapter: (for Handset charging)	Switching mode / VDE / Dual Input : DSA-5P-05 FEU 060015 / VD060015D / D060015DU Input: 100-240V AC, 50/60Hz / 230V AC, 50Hz / 110/220 V AC, 50/60 Hz Output: 6 V AC, 150mA
Rechargeable Battery:	SN-AAA60HJ or equivalent (Ni-MH, 1.2V, 600mAh)
Operating Temperature:	0 to 45 ° C

\* Value may vary according to environment.

\*\* For guidance only, depends on initial battery charge.

## 8 Troubleshooting Tips

### Caller ID Solutions

#### No Display

- Is battery fully charged? Charge the battery for 12 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 data message than 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 12 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 12 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.

## **10 Service -- USA**

If trouble is experienced with this equipment for repair or warranty information, please contact customer service at **1-800-448-0329**. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem resolved.

This product may be serviced only by the manufacturer or its authorized service agents. Changes or modifications not expressly approved by ATLINKS USA, Inc. could void the user’s authority to operate this product. For instruction on how to obtain service, refer to the warranty included in this guide or call customer service at **1-800-448-329**.

Or refer inquires to:

**ATLINKS USA, Inc.**

**Manager, Consumer Relations**

**P O Box 1976**

**Indianapolis, IN 46206**

Attach your sales receipt to the booklet for future reference or jot down the date this product was purchased or received as a gift. This information will be valuable if service should be required during the warranty period.

Purchase date \_\_\_\_\_  
Names of store \_\_\_\_\_

## Interference Information -- USA

- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference; and (2) This device must accept any interference received, including interference that may cause undesired operation.
- This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
- This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.
- If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna (that is, the antenna for radio or television that is “receiving” the interference).
- Reorient or relocate and increase the separation between the telecommunications equipment and receiving antenna.
- Connect the telecommunications equipment into an outlet on a circuit different from that to which the receiving antenna is connected.
- If these measures do not eliminate the interference, please consult your dealer or an experienced radio/television technician for additional suggestions. Also, the Federal Communications Commission has prepared a helpful booklet, “How To Identify and Resolve Radio/TV Interference Problem”. This booklet is available from the U.S. Government Printing Office, Washington, D.C. 20402. Please specify stock number 004-000-00345-4 when ordering copies.

## FCC RF Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body. This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

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

Privacy of communications may not be ensured when using this phone.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines when used with the belt clip supplied or designated for this product. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

## **Limited Warranty -- USA**

### **What your warranty covers:**

Defects in materials or workmanship.

### **For how long after your purchase:**

One year, from date of purchase.

(The warranty period for rental units begins with the first rental or 45 days from date of shipment to the rental firm, whichever comes first.)

### **What we will do:**

Provide you with a new or, at our option, a refurbished unit. The exchange unit is under warranty for the remainder of the original product's warranty period.

### **How you get service:**

Properly pack your unit, include any cables, etc., which were originally provided with the product. We recommend using the original carton and packing materials.

"Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the product is within the warranty period, must be presented to obtain warranty service". For rental firms, proof of first rental is also required. Also print your name and address and a description of the defect. Send via standard UPS or its equivalent to:

ATLINKS USA, Inc.

C/o Thomson

11721 B Alameda Ave.

Socorro, Texas 79927

Pay any charges billed to you by the Exchange Center for service not covered by the warranty.

Insure your shipment for loss or damage. ATLINKS accepts no liability in case of damage or loss.

A new or refurbished unit will be shipped to you freight prepaid.

### **What your warranty does not cover:**

Customer instruction. (Your Owner's Manual provides information regarding operating instructions and user controls. Any additional information, should be obtain from your dealer.)

### **Installation and setup adjustments.**

Batteries.

Damage from misuses or neglect.

Products which have been modified or incorporated in other products.

Products purchased or serviced outside the USA.

Acts of nature, such as but not limited to lightning damage.

### **Product Registration:**

Please complete and mail the Product Registration Card packed with your unit. It will make it easier to contact you should it ever be necessary. The return of the cards is not required for warranty coverage.

### **Limitation of Warranty:**

THE WARRANTY STATED ABOVE IS THE ONLY WARRANTY APPLICABLE TO THIS PRODUCT. ALL OTHER WARRANTIES, EXPRESS OR IMPLIED (INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) ARE HEREBY DISCLAIMED. NO VERBAL OR WRITTEN INFORMATION GIVEN BY ATLINKS USA, Inc., ITS AGENTS, OR EMPLOYEES SHALL CREATE A GUARANTY OR IN ANY WAY INCREASE THE

#### SCOPE OF THIS WARRANTY.

REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. ATLINKS USA, Inc. SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT OR ARISING OUT OF ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. THIS DISCLAIMER OF WARRANTIES AND LIMITED WARRANTY ARE GOVERNED BY THE LAWS OF THE STATE OF INDIANA. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED TO THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE.

#### **How state law release to this warranty:**

Some states do not allow the exclusion nor limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you also may have other rights that vary from state to state.

#### **If you purchased your product outside the USA:**

This warranty does not apply. Contact your dealer for warranty information.

## **11 Environment -- Europe**

#### **For each product:**

Used equipment must be disposed of in compliance with current environmental protection regulations. You should return it to your reseller or dispose of it in an approved recycling center.



#### **Moreover, for products with batteries the text below must be included.**

Used batteries must be disposed of in compliance with current environmental protection regulations. You should return your batteries to your reseller or dispose of them at an approved recycling center.

Do not attempt to open the batteries, as they contain chemical substances. In the event of leakage, avoid contact with the skin, eyes and mouth. In the event of contact, rinse the affected part for several minutes in running water. Clean the product with absorbent paper or a dry cloth and contact your reseller for replacement batteries.

**\*\*\*End of Document\*\*\***