



DECT 6.0 Multi-Handset Cordless Phone Answering System User's Guide



Please read this manual before operating product for the first time.

Visit the RCA web site at www.rca4phones.com

Model 2162/2162-2/2162-3/2162-4

Equipment Approval Information

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 the 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, a product identifier in the format US:AAAEQ##TXXXX 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 these devices ring when your telephone 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 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 the telephone company.
- Party lines are subject to state tariffs, and therefore, you may not be able to use your own telephone equipment if you are on a party line. Check with your local telephone company.
- Notice 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 of this product does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

US Number is located on the cabinet bottom.
REN Number is located on the cabinet bottom.

2 Rights of the 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 circumstances 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.

Interference Information

This device complies with Part 15 of the FCC Rules and the Industry Canada licence-exempt RSS standard(s). 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. Privacy of Communications may not be ensured when using this product. 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 Problems." 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.

Notice: The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Hearing Aid Compatibility (HAC)

This telephone system meets FCC standards for Hearing Aid Compatibility, 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. For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines when used with the belt clip supplied with this product. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

Information for DECT Product

This telephone is compliant with the DECT 6.0 standard which operates in the 1.92GHz to 1.93GHz frequency range. Installation of this equipment is subject to notification and coordination with UTAM. Any relocation of this equipment must be coordinated through and approved by UTAM. UTAM may be contacted at 1-800-42 9-8826.



Industry Canada (I.C.) Notice

This product meets the applicable Industry Canada technical specifications.

Le présent matériel est conforme aux spécifications techniques applicables d'Industrie Canada."

The Ringer Equivalence Number is an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the Ringer Equivalence Numbers of all the devices does not exceed five. L'indice d'équivalence de la sonnerie (IES) sert à indiquer le nombre maximal de terminaux qui peuvent être raccordés à une interface téléphonique. La terminaison d'une interface peut consister en une combinaison quelconque de dispositifs, à la seule condition que la somme d'indices d'équivalence de la sonnerie de tous les dispositifs n'excède pas 5."

This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada. This device complies with Industry Canada licence-exempt RSS standard(s).

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.

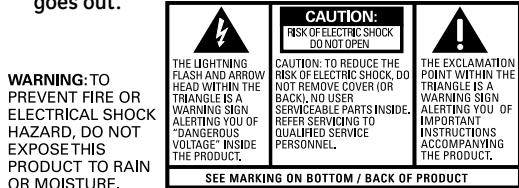
IMPORTANT SAFETY INSTRUCTIONS

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

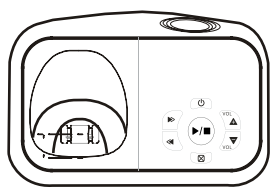
- Do not use this product near water for example, near a bathtub, washbowl, kitchen sink or laundry tub, in a wet basement or near a swimming pool.
- Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
- Do not use the telephone to report a gas leak in the vicinity of the leak.
- Use only the power cord and batteries indicated in this manual. Do not dispose of batteries in a fire. They may explode. Check with local codes for possible special disposal instructions.

SAVE THESE INSTRUCTIONS

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



Before You Begin



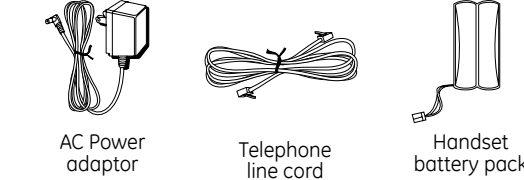
Base



Battery compartment cover



Handset



Parts Checklist (for 2162 single handset model)

Make sure your package includes the items listed here.

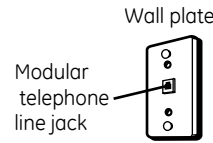
For **Model 2162-2** there will be **ONE** additional handset, charge cradle, battery pack and cover than shown above.

For **Model 2162-3** there will be **TWO** additional handsets, charge cradles, battery packs and covers than shown above.

For **Model 2162-4** there will be **THREE** additional handsets, charge cradles, battery packs and covers than shown above.

Telephone Jack Requirements

To use this phone, you need an RJ11C type modular telephone jack, which might look like the one pictured here, installed in your home. If you don't have a modular jack, call your local phone company to find out how to get one installed.



Installation

Digital Security System

Your cordless phone uses a digital security system to protect against false ringing, unauthorized access, and charges to your phone line.

INSTALLATION NOTE: Some cordless telephones operate at frequencies that may cause or receive interference with nearby TVs, microwave ovens, and VCRs. To minimize or prevent such interference, the base of the cordless telephone should not be placed near or on top of a TV, microwave ovens, or VCR. If such interference continues, move the cordless telephone farther away from these appliances.

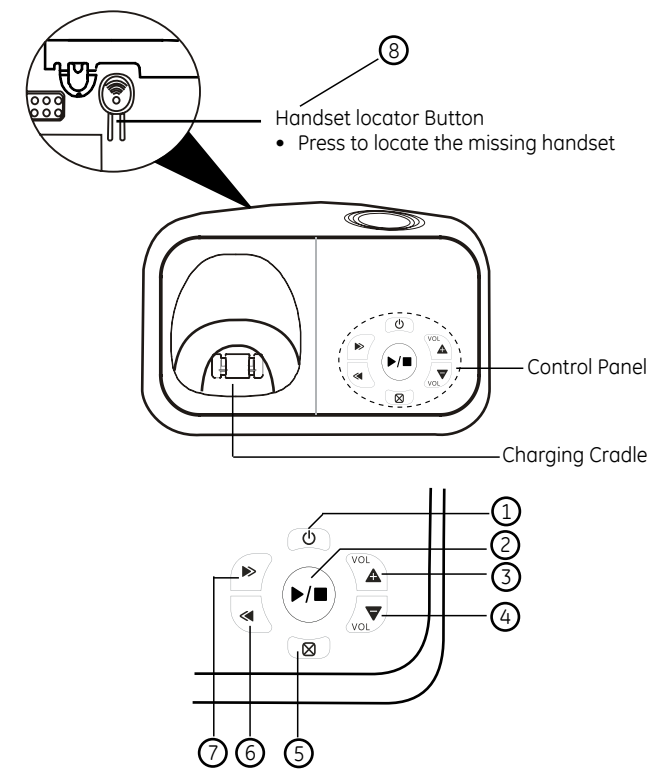
Certain other communications devices may also use the 1.9GHz DECT frequency for communication, and, if not properly set, these devices may interfere with each other and/or your new telephone. If you are concerned with interference, please refer to the owner's manual for these devices on how to properly set channels to avoid interference. Typical devices that may use the 1.9GHz DECT frequency for communication include wireless audio/video senders, wireless computer networks, multi-handset cordless telephone systems, and some long-range cordless telephone systems.

Important safety instructions

- Use only the power supply listed in the user instructions.
- Use only the batteries listed in the user instructions.
- Do not allow the charging contacts or the battery to come into contact with metal objects.
- Do not open the handset, base station or charger as you could be exposed to high voltages.
- Do not allow the charger to come into contact with liquids.
- Risk of explosion if battery is replaced by an incorrect type.
- Dispose of used batteries according to the instructions.
- Always use the cables provided with the product.
- For pluggable equipment, the socket-outlet shall be installed near the equipment and shall be easily accessible.
- This equipment is not designed to make emergency calls when the power fails. An alternative has to be made available to allow emergency calls.
- Do not expose the phone to excessive heat caused by heating equipment or direct sunlight.
- Do not drop your phone or allow objects to fall on your phone.
- Do not use any cleaning agents containing alcohol, ammonia, benzene, or abrasives as these may harm the set.
- Do not use the product in places where there are explosive hazards.
- Do not let small metal objects come into contact with the product. This can deteriorate audio quality and damage the product.
- Active mobile phones in the vicinity may cause interference.
- Metallic objects may be retained if placed near or on the handset receiver.

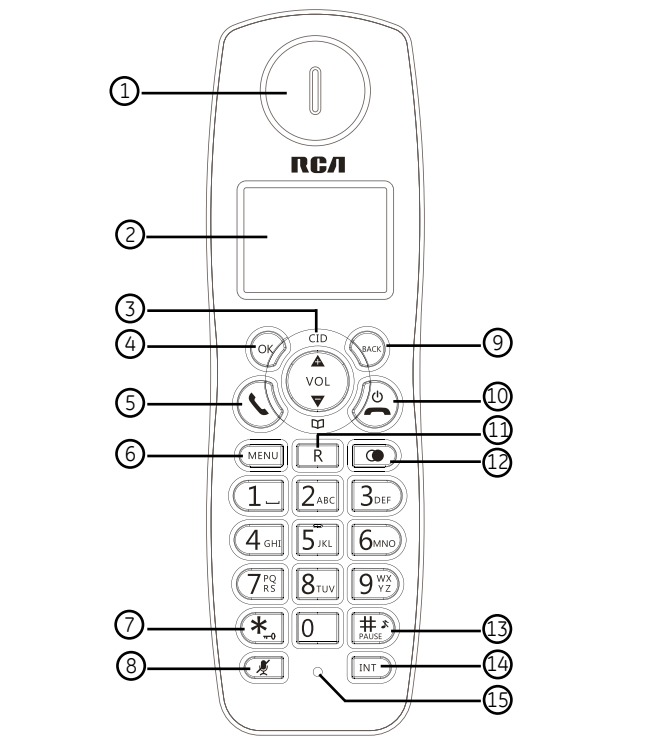
Base Unit Overview

CID Version



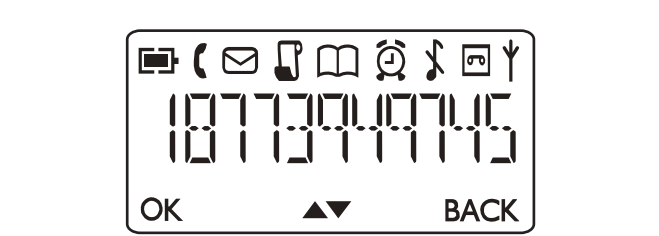
- Answer ON/OFF Button
 - Press to switch the answering machine on/off.
- Play/Stop Button
 - Press to play or stop message playback.
- Vol UP Button
 - Press to increase speaker volume.
- Vol Down Button
 - Press to decrease speaker volume.
- Del (Delete) Button
 - Press to delete current message; long press to delete all read messages.
- REPEAT Button
 - Press to skip to the next message.
- SKIP Button
 - Press to go back to the previous message or replay the current message.
- Page Button
 - Press to find handset

Handset Overview



- Earpiece
- Display
- Up/Down / Calls Button
 - Press to increase volume and view CID. (Down) / (Phonebook) Button
 - Press to decrease volume and access Phonebook.
- OK Button
 - Press to confirm your operation
- Talk Button
 - Press to make a call and to receive a call.
- Menu Button
 - Press to access to main menu.
- *Key Lock Button
 - Press to insert a * when dialing
 - Long press to activate or deactivate the key lock.
- Mute Button
 - Press to mute the microphone and press again to un-mute.
- Back Button
 - Press to cancel a menu entry
 - Press to backspace the digit(s) or character(s).
 - Press and hold to toggle between handset name and date/time in idle mode.
- End / On/Off Button
 - Press to end a call.
 - Press and hold to turn the handset on/off.
 - Press to exit the menu/operation.
- Flash Button
 - Press to flash the phone line.
- Redial Button
 - Press to enter redial list and dial the recent number.
- Ring ON/OFF Button
 - Press to insert a #
 - Long press to turn the ringer on/off.
- Int Button
 - Press to make a intercom call.
 - Press to make a conference call.
- Microphone

Display Icons and Symbols



Icon	Name	Behaviour	Description
	Battery	1. Steady on	Displayed steady for capacity indication (Full = more than 1 hour talk time remains).
		2. Blinking	Alerting when battery is being charged or when it remains less than 1 hour talk time. When battery is discharge (few minutes talk time remain), associated with battery low tone.
	Phone	1. Blinking	Blinking when receiving incoming call.
		2. Steady on	Steady ON during a call
	SMS / MWI	1. Blinking	Blinking when new VMWI (CID icon is also blinking) or new SMS
		2. Steady on	When there are old received SMS messages in the SMS box
	Call log	3. Off	No VMWI and no SMS in the SMS box
		1. Blinking	When there is new VMWI in call log
	Phonebook	2. Steady on	When there are new records in the call log or when the user is reviewing the new call log.
		3. Off	When call log empty, or there are old records in the call log, call log icon will be off
	Review	Steady on	Turns on during phonebook review mode.
	Alarm	Steady on	Turn ON when alarm is activated
	Ringer Off	Steady on	Display when ringer volume is set off
	TAM	1. Blinking	1. Blinking (1 sec ON / 1 sec OFF) when there is new TAM (message)
		2. Steady on	2. Fast blinking (0.5sec ON / 0.5 sec OFF) when TAM is full
		3. Off	Steady ON when TAM is on
	Antenna	1. Blinking	Blinking when handset is out of range or not subscribed
		2. Steady on	Steady ON when handset is linked with base
	Digits on right	Steady on	Turns on when there is more digit(s) on the right for display.
	Downward	Steady on	Turns on when there is more menu option(s)Turns on when there is more phonebook or CID record(s) for viewing during phonebook or CID review mode.Turns on during call to indicate that the audio level can be reduced
	Upward	Steady on	Turns on when there is more menu option(s)Turns on when there is more phonebook or CID record(s) for viewing during phonebook or CID review mode.Turns on during call to indicate that the audio level can be increased
	OK	Steady on	Turns on when confirmation of selection or programming is available
	Back	Steady on	Turns on during phonebook editing mode to cancel the last digit.Turns on during menu mode when user is allowed to go back to the previous state or previous step

Installing the Phone

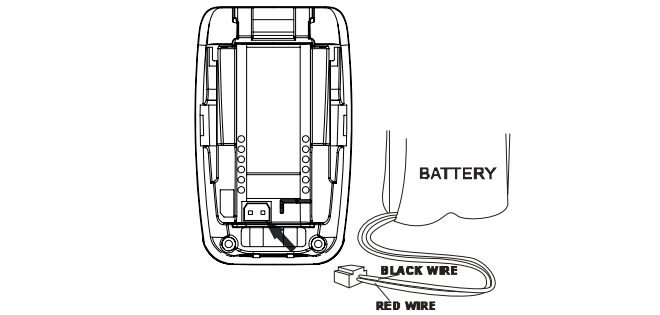
Installing the Handset Battery

NOTE: You must connect the handset battery before use. Nickel metal Hydride battery (Ni-MH) battery [Brand name: CORUN Ni-MH AAA300 or GREPOW AAA300mAh 300mAh NIMH 2.4V rechargeable batteries], that is compatible with this unit.



- Locate battery and battery door which are packaged together inside a plastic bag and are separate from the handset.
- Locate the battery compartment on the back of the handset.

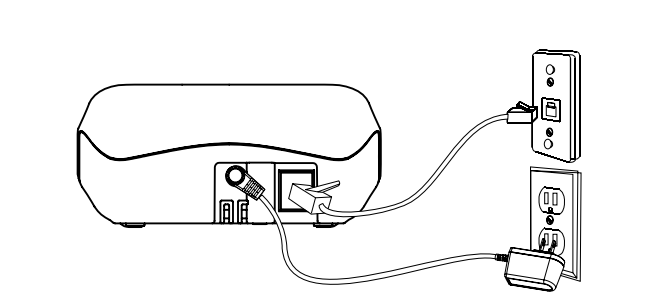
NOTE: To ensure proper battery installation, the connector is keyed and can be inserted only one way.



- Plug the battery pack cord into the jack inside the compartment.
- Insert the battery pack.
- Close the battery compartment by pushing the door up until it snaps into place.

Base Station

- Choose an area near an electrical outlet and a telephone wall jack (RJ11C), and place your cordless telephone on a level surface, such as a desktop or tabletop, or you may mount it on the wall.



- Plug one end of the telephone line cord into the **TEL LINE** jack on the back of the base and the other end into a modular jack.
- Plug the AC power converter into the electrical outlet and the DC connector into the jack on the back of the base.
- Place the handset in the base cradle. The battery icon on the LCD blinking, verifying the battery is charging.
- Allow the phone to charge for 16 hours prior to first use. If you don't properly charge the phone, battery performance is compromised.
- CAUTION: To reduce risk of personal injury, fire, or damage use only the power adaptor (Tenpao: S003GU0600050 or S003GB0600050 input AC 100-240V ~50-60Hz, output DC 6V/500mA) listed in the user's guide. This power adaptor is intended to be correctly orientated in a vertical or floor mount position.**

Operation

Switching ON/OFF

Press and hold the button for more than 2 seconds to switch on/off the handset in idle mode.

To Lock/Unlock the Keypad

Press and hold the button for 1 second to lock/unlock the keypad in idle mode.

Set Time and Date

- Press the **Menu** button to enter menu selection.
- Press the **▲** or **▼** buttons to select **CLOCK&ALARM** and then press the **OK** button to select.
- Press the **OK** button to select **DATE/TIME**. The lost stored date is displayed. Enter the current date **[YY-MM-DD]**, press the **OK** button, then enter the **HH-MM**.
- Press the **▲** or **▼** buttons to select **AM** or **PM** (if the time is in **12 HOURS** format) and then press the **OK** button to confirm. The unit will make an audible tone to confirm.

When the handset is **OFF**, it cannot be used for making calls including emergency calls. There will be no ringing during an incoming call. To answer a call, you will need to switch it back on. It may take some time for the handset to re-establish a radio link with the base unit. Incoming calls can still be answered even if the keypad is locked.

If you subscribe to the Caller Display service, the time and date will be set automatically when you receive a call, but you may still need to set the correct year.

Change your Handset's Name

- Press the **Menu** button to enter menu selection.
- Press the **▲** or **▼** buttons to select **PERSONAL SET** and then press the **OK** button to select.
- Press the **▲** or **▼** buttons to select **HANDSET NAME** and then press the **OK** button to select. The current handset name is displayed.
- Press the **Back** or buttons to delete the characters one by one. Enter the new name (maximum 10 characters) and then press the **OK** button to confirm. The unit will make an audible tone to confirm.

Change the Display Language

- Press the **Menu** button to enter menu selection.
- Press the **▲** or **▼** buttons to select **PERSONAL SET** and then press the **OK** button to select.
- Press the **▲** or **▼** buttons to select **LANGUAGE** and then press the **OK** button to select.
- Once the display language is set, the option menus on the handset will switch to display in the selected language immediately.

Using Your Phone

Make a Call

Pre-dialing

Dial the number (maximum 24 digits) and then press the Talk button.

Direct Dialing

Press the Talk button to take the line and then dial the number.

Call from Redial List

- Press the Redial button in idle mode.
- Press the **▲** or **▼** buttons to an entry in the redial list and then press the Talk button.

Call from the Call Log

- Press the Calls button in idle mode.
- Press the **▲** or **▼** buttons to an entry in the call list and then press the Talk button.

Call from the Phonebook

- Press the button in idle mode.
- Press the **▲** or **▼** buttons to an entry in the phonebook and then press the Talk button.

Answer and End a Call

- When the phone rings, press the button.
- To end a conversation, press the button.
- You need to subscribe to Caller Line Identification service to be able to see the caller's number or name in the call log.
 - When the handset rings during an incoming call, please do not hold the handset too close to your ear as the volume of the ringing tone may damage your hearing.
 - You can simply place the handset back on its base station or charging cradle to end a call. Make sure that you have not deactivated the auto hang-up feature.

Adjust the Earpiece Volume

During a call, press the **▲** or **▼** buttons to select from **VOLUME 1** to **VOLUME 5**.

Mute/Un-mute Microphone

- When the microphone is muted, the handset displays **MUTE ON**, and your caller cannot hear you.
- During a call, press the **Mute** button to turn on/off the microphone.

Paging

- The paging feature enables you to locate a missing handset if the handset is in range and contains charged batteries.
- Press the Handset Locator Button located at the back of the base unit. All the registered handsets will start to ring.
- Once retrieved, press any button on the handset or the Handset Locator Button again to end the paging.

Call Waiting

If you have subscribed to Call Waiting service, the earpiece will emit an audible tone to inform you that there is a second incoming call. The number or name of the second caller will also be displayed on your phone if you have subscribed to Caller Line Identification service (CLI). Please contact your network provider for more information about this service.

Private Phonebook

Your phone can store up to 50 phonebook memories. Each phonebook entry can have a maximum of 24 digits for the phone number and 12 characters for the name.

Enter Characters

When you select a field in which you can enter text, you can enter the letters that are printed on the keys by pressing the relevant key once or several times. For example, press the "2" button once to insert the letter "A" press it twice to insert the letter "B", and so on... Spaces and other symbols can be entered using the "1" or "0" buttons.

Store a Contact in the Phonebook

- Press the **Menu** button to enter menu selection.
- Press the **▲** or **▼** buttons to select **PHONEBOOK** and then press the **OK** button to select.
- Press the **OK** button again to enter **NEW ENTRY**.
- Enter the name of the contact (maximum 12 characters). To edit, press the **Back** button to delete the last character entered. Press the **OK** button to confirm the name entry.
- Enter the number of the contact (maximum 24 digits) and then press the **OK** button to confirm. The unit will make an audible tone to confirm.
- You cannot store a new phonebook entry when the memory is full. In this case, you have to delete existing entries to make space for new entries.
- When storing the number, enter the full number including the STD (area) code if you subscribe to caller display, otherwise it will not display the name when there is an incoming call.

Access Phonebook

- Press the button in idle mode to browse the phonebook entries. Alternatively, you can press the Menu button, to display **PHONEBOOK** and then press the **OK** button to select.
- Press the **▲** or **▼** buttons to select **LIST** and then press the **OK** button to confirm. The phonebook entries will be listed in alphabetical order, and you can press **▲** or **▼** buttons to scroll through the stored entries.
- Press the **OK** button to view the details of the selected entry.

Modify a Phonebook Entry

- Press the **Menu** button to enter menu selection.
- Press the **▲** or **▼** buttons to select **PHONEBOOK** and then press the **OK** button to select.
- Press the **▲** or **▼** buttons to select **EDIT ENTRY** and then press the **OK** button to select.
- Press the **▲** or **▼** buttons to select an entry to edit and then press the **OK** button. The current name is displayed. Edit the name and then press the **OK** button to confirm.
- Edit the number and then press the **OK** button to confirm. The unit will make an audible tone to confirm.

Delete a Phonebook Entry

- Press the **Menu** button to enter menu selection.
- Press the **▲** or **▼** buttons to select **PHONEBOOK** and then press the **OK** button to select.
- Press the **▲** or **▼** buttons to select **DELETE** and then press the **OK** button to select.
- Press the **▲** or **▼** buttons to select an entry to delete and then press the **OK** button.
- Press the **OK** button again to confirm. The unit will make an audible tone to confirm.

Instead of pressing the **▲** or **▼** buttons to browse the phonebook entries, you can press the numeric key corresponding to the first letter of the entry you wish to locate. For example, pressing "2" will show the entries starting with "A". Pressing "2" again will show the entries starting with "B", and so on...

Delete All Entries from the Phonebook List

- Press the **Menu** button to enter menu selection.
- Press the **▲** or **▼** buttons to select **PHONEBOOK** and then press the **OK** button to

A single tone is emitted when a key is pressed. You can enable or disable the key tone. By default, the key tone is **ON**.

Set the Answer Mode

- Press the **Menu** button to enter menu selection.
- Press the **▲** or **▼** buttons to select **ANSW MACHINE** and then press the **OK** button to select.
- Press the **▲** or **▼** buttons to select **ANSWER MODE** and then press the **OK** button to select.
- Press the **▲** or **▼** buttons to select **ANSWER ONLY** or **ANSW.&RECORD** and then press the **OK** button to confirm.

Record a Personalized Outgoing Message

- Press the **Menu** button to enter menu selection.
- Press the **▲** or **▼** buttons to select **ANSW MACHINE** and then press the **OK** button to select.
- Press the **▲** or **▼** buttons to select **RECORD OGM** and then press the **OK** button to select.
- Press the **▲** or **▼** buttons to select **ANSWER ONLY** or **ANSW.&RECORD** and then press the **OK** button to confirm.
- Press the **▲** or **▼** buttons to select **RECORD OGM**.
- Press the **OK** button to start recording your new outgoing message.
- Press the **OK** button again to end the recording.

Playback and delete messages

The last recorded message is played first. Old messages cannot be played again until after all new messages have been played.

- You can choose to replace the predefined OGM with your own prerecorded personalised messages.
- The maximum length of an outgoing message is 2 minutes. To hear your outgoing message, select **PLAY** at step 5.
- To delete a personalised outgoing message and return to the predefined one, select **DELETE** at step 5.

Playback recorded messages

- Press the **Menu** button to enter menu selection.
- Press the **▲** or **▼** buttons to select **ANSW MACHINE** and then press the **OK** button to select.
- Press the **▲** or **▼** buttons to select **PLAY** and then press the **OK** button to confirm.

Using the Intercom Intercom, call transfer and conference are only possible with at least 2 handsets registered to the same base unit. It allows you to make free internal calls, transfer external calls from one handset to another, and set up a 3-way conference with two handsets and on external call.

If you try to make a call while another handset is already on an external call, you'll hear a busy tone for a few seconds before the display returns to idle.

Intercom another Handset (for Duo/Tri version only)

- Press the **Int** button in idle mode.
- Intercom is established immediately if there are only 2 registered handsets.
- If there are more than 2 registered handsets, the handset numbers which are available for intercom, and a " * " will be displayed. Press the specific handset number you wish to call, or press the button to ring all handsets, to start intercom.

Transfer an External Call to another Handset

- During the call, press the **Int** button to put the external call on hold, the caller can no longer hear you.
- Intercom is established immediately if there are only 2 registered handsets.
- If there are more than 2 registered handsets, the handset numbers which are available for intercom, and a " * "; will be displayed. Press the specific handset number you wish to call, or press the button to ring all handsets, to start intercom.
- Press the  button on the called handset to answer the internal call, where both internal callers can talk. Intercom is established.
- Press the  button on the first handset to transfer the external call to the called handset. The external call is transferred. If there is no answer from the called handset, press the **Int** button to resume the external call.

Answer an External Call during Intercom

- During intercom, a new call tone is emitted when there is an incoming external call. Press the  to answer the external call and end the intercom.
- Connection with the external call is established.

Switch between an internal and external call

During the call, press the **Int** button to switch between an internal or external call.

Establish a Three-party Conference Call

- The conference call feature allows one external call to be shared with two handsets (in intercom). The three parties can share the conversation and no additional network subscription is required.
- During an external call, press the **Int** button to put the external call on hold (the caller can no longer hear you).
- If there are more than 2 registered handsets, the handset numbers which are available for intercom will be displayed. Press the specific handset number you wish to call to start intercom. Press the  on the called handset to answer the internal call, where both internal callers can talk. Intercom is established.
- Press **OK** button for 2 seconds on the first handset to start the three-party conference.
- CONFERENCE** will be displayed on the screen once the conference call is established.

To put the internal call on hold and answer the incoming external call, press the **Int** button.

Phone Settings (Handset Tone)

Set the Ring Volume

There are 5 ringer volume options (LEVEL 1, LEVEL 2, LEVEL 3 ,LEVEL 4 and LEVEL 5). The default level is LEVEL 3.

- Press the **Menu** button to enter menu selection.
- Press the **▲** or **▼** buttons to select **PERSONAL SET** and then press the **OK** button to select.
- Press the **▲** or **▼** buttons to select **HANDSET TONE** and then press the **OK** button to select and show **RING VOLUME**. Press the **OK** button again to select.
- Press the **▲** or **▼** buttons to your desired volume level and then press the **OK** button to confirm. The unit will make an audible tone to confirm.

Set the Ring Melody

There are 10 ring melodies available on your handset.

- Press the **Menu** button to enter menu selection.
- Press the **▲** or **▼** buttons to select **PERSONAL SET** and then press the **OK** button to select.
- Press the **▲** or **▼** buttons to select **HANDSET TONE** and then press the **OK** button to select.
- Press the **▲** or **▼** buttons to select **RING TONES** and then press the **OK** button to select.
- Press the **▲** or **▼** buttons to your desired melody and then press the **OK** button to confirm. The unit will make an audible tone to confirm.

Activate/Deactivate Key Tone

- A single tone is emitted when a key is pressed. You can enable or disable the key tone. By default, the key tone is **ON**.
- Press the **Menu** button to enter menu selection.
 - Press the **▲** or **▼** buttons to select **PERSONAL SET** and then press the **OK** button to select.
 - Press the **▲** or **▼** buttons to select **HANDSET TONE** and then press the **OK** button to select.
 - Press the **▲** or **▼** buttons to select **KEY BEEP** and then press the **OK** button to select.
 - Press the **▲** or **▼** buttons to select **ON** or **OFF** and then press the **OK** button to confirm. The unit will make an audible tone to confirm.

Activate/Deactivate Auto Hang-up

This function enables you to end a call automatically by simply placing the handset on the base unit. By default, the Auto Hang up feature is **ON**.

- Press the **Menu** button to enter menu selection.
- Press the **▲** or **▼** buttons to select **PERSONAL SET** and then press the **OK** button to select.
- Press the **▲** or **▼** buttons to select **AUTO HANG-UP** and then press the **OK** button to select.
- Press the **▲** or **▼** buttons to select **ON** or **OFF** and then press the **OK** button to confirm. The unit will make an audible tone to confirm.

Set Date/Time Format

You can set your preferred date/time format for your phone. The default format is **MM/DD** and **24 HOURS**.

Set Time Format

- Press the **Menu** button to enter menu selection.
- Press the **▲** or **▼** buttons to select **CLOCK&ALARM** and then press the **OK** button to select.
- Press the **▲** or **▼** buttons to select **SET FORMAT** and then press the **OK** button to select.
- Press the **OK** button to enter **TIME FORMAT**. The current setting is displayed.
- Press the **▲** or **▼** buttons to select **12 HOURS** or **24 HOURS** and then press the **OK** button to confirm. The unit will make an audible tone to confirm.

Set Date Format

- Press the **Menu** button to enter menu selection.
- Press the **▲** or **▼** buttons to select **CLOCK&ALARM** and then press the **OK** button to select.
- Press the **▲** or **▼** buttons to select **SET FORMAT** and then press the **OK** button to select.
- Press the **▲** or **▼** buttons to select **DATE FORMAT** and then press the **OK** button to select. The current setting is displayed.
- Press the **▲** or **▼** buttons to select **DD/MM** or **MM/DD** and then press the **OK** button to confirm. The unit will make an audible tone to confirm.

Set Alarm

The handset has an alarm clock feature, and when the alarm is set, it is shown on the handset display.

When the alarm time is reached, the display flashes --**ALARM**-- and the alarm melody is played for 1 minute or until any handset key is pressed. If the alarm is set for **ON DAILY**, the alarm will sound again on the next day.

If the alarm was set for **ON ONCE**, the alarm will turn off.

- Press the **Menu** button to enter menu selection.
- Press the **▲** or **▼** buttons to select **CLOCK&ALARM** and then press the **OK** button to select.
- Press the **▲** or **▼** buttons to select **ALARM TONE** and then press the **OK** button to select.
- Press the **▲** or **▼** buttons to select **OFF, ON ONCE** or **ON DAILY** and then press the **OK** button to confirm.

If you select **ON ONCE** or **ON DAILY**, enter the time (HH-MM) for the alarm and press the **▲** or **▼** buttons to select **AM** or **PM** if the time is in **12 HOURS** format.

- Press the **OK** button to confirm. The unit will make an audible tone to confirm.

Set alarm tone

- Press the **Menu** button to enter menu selection.
- Press the **▲** or **▼** buttons to select **CLOCK&ALARM** and then press the **OK** button to select.
- Press the **▲** or **▼** buttons to select **ALARM TONE** and then press the **OK** button to select.
- Press the **▲** or **▼** buttons to select **MELODY 1, MELODY 2** or **MELODY 3** and then press the **OK** button to confirm. The unit will make an audible tone to confirm.

Advanced Use of your Telephone

Change Master PIN

The Master PIN is used for registration/un-registration of handsets. The default Master PIN number is 0000. The maximum length of the Master PIN is 4 digits.

If you forget your PIN code, you can reset it to its default 0000 using a handset Reset.

- Press the **Menu** button to enter menu selection.
- Press the **▲** or **▼** buttons to select **ADVANCED SET** and then press the **OK** button to select.
- Press the **▲** or **▼** buttons to select **CHANGE PIN** and then press the **OK** button to select.
- Enter the current Master PIN when prompted and then press the **OK** button to confirm. As you enter the PIN it will be shown as asterisks " * " on the screen.
- Enter the new PIN and then press the **OK** button to confirm. The unit will make an audible tone to confirm.

Register your handset

Additional handsets must be registered to the base unit before you can use them.

Up to 4 handsets can be registered to one base unit.

The Master PIN is required before you can register or un-register handsets.

By default, the Master PIN is 0000.

On the base unit, press and hold the  button for approximately 5 seconds.

- On the handset, press the **Menu** button to enter menu selection.
- Press the **▲** or **▼** buttons to select **ADVANCED SET** and then press the **OK** button to select.
- Press the **▲** or **▼** buttons to select **REGISTRATION** and then press the **OK** button to select.

When you purchase a telephone, all handsets are already registered to the base unit, so you do not need to register them. Handset registration is only necessary when you buy extra handsets or if a handset has become faulty. They may be different if you want to register another handset model, in which case you should refer to its user guide.

- If no action is taken on the handset within 10 seconds, the registration procedure will be aborted. If this happens, repeat the first step. Enter the Master PIN when prompted and then press the **OK** button to confirm, the default master PIN is 0000. WAITING is displayed on the screen. The unit will make an audible tone to indicate a successful registration, and the handset will return to idle mode, with its handset number displayed.
- If no base unit is found within a certain period, **NO BASE** will be

displayed with an error tone to indicate failed registration and the handset returns to idle mode. You will need to repeat the registration procedure.

Un-register your Handset

- Press the **Menu** button to enter menu selection.
- Press the **▲** or **▼** buttons to select **ADVANCED SET** and then press the **OK** button to select.
- Press the **▲** or **▼** buttons to select **UNREGISTER** and then press the **OK** button to select.
- Enter the Master PIN when prompted and then press the **OK** button to confirm. (The default master PIN is 0000)
- Press the **▲** or **▼** buttons to select the handset number to un-register and then press the **OK** button to confirm. The unit will make an audible tone to confirm a successful un-registration.

If no action is taken on the handset within 15 seconds, the unregistration procedure will be aborted and the handset returns to idle mode. You must use a handset to un-register handsets from the base unit.

Change recall time

You may need the R (Flash) button to send a Recall signal (also called Timed Break Recall) if you are connected to a PBX. You should normally leave the Recall Time at its default setting of Long (600ms) , as this is the standard recall required in the telephone network, but it can be changed to Medium (270ms) or Short (100ms) if your telephone is connected to a PBX that requires a different recall time.

- Press the **Menu** button to enter menu selection.
- Press the **▲** or **▼** buttons to select **ADVANCED SET** and then press the **OK** button to select.
- Press the **▲** or **▼** buttons to select **RECALL TIME** and then press the **OK** button to select.
- Press the **▲** or **▼** buttons to select **SHORT, MEDIUM** or **LONG** and then press the **OK** button to confirm. The unit will make an audible tone to confirm.

Change the Dial Mode (dual mode dialing version only)

You should normally leave the dialing mode at its default setting of **TO NE** (Also called **MF** or **DTMF**).

However, you can change to PULSE if necessary.

- Press the **Menu** button to enter menu selection.
- Press the **▲** or **▼** buttons to select **ADVANCED SET** and then press the **OK** button to select.
- Press the **▲** or **▼** buttons to select **DIAL MODE** and then press the **OK** button to select.
- Press the **▲** or **▼** buttons to select **TO NE** or **PULSE** and then press the **OK** button to confirm. The unit will make an audible tone to confirm.

If PULSE dialing is set, you can press the  button to switch to **TO NE** dialing for the rest of that call.

Reset Unit

You can reset your phone to its default settings with this feature.

- Press the **Menu** button to enter menu selection.
 - Press the **▲** or **▼** buttons to select **ADVANCED SET** and then press the **OK** button to select.
 - Press the **▲** or **▼** buttons to select **RESET** and then press the **OK** button to select.
 - Press the **OK** button again to confirm. The unit will make an audible tone to confirm and the unit is reset to its default settings.
- Upon reset, all your personal settings, call log and redial list entries will be deleted and the phone will return to its default settings. However, your phonebook will remain unchanged after reset, all other settings will be defaulted.

Answering Machine Settings

Set Ring Delay

- Press the **Menu** button to enter menu selection.
- Press the **▲** or **▼** buttons to select **ANSW MACHINE** and then press the **OK** button to select.
- Press the **▲** or **▼** buttons to select **SETTINGS** and then press the **OK** button to select.
- Press the **OK** button to enter the **RING DELAY** option list.
- Press the **▲** or **▼** buttons to select **2 ~ 7 RINGS** or **ECONOMY** and then press the **OK** button to confirm your choice.
- The unit will make an audible tone to confirm. Press the button to go back to idle mode.

To Activate/Deactivate Remote Control Access

- Press the **Menu** button to enter menu selection.
- Press the **▲** or **▼** buttons to select **ANSW MACHINE** and then press the **OK** button to select.
- Press the **▲** or **▼** buttons to select **SETTINGS** and then press the **OK** button to select.
- Press the **▲** or **▼** buttons to select **REMOTE** and then press the **OK** button to select.
- Press the **▲** or **▼** buttons to select **ACTIVATE** or **DEACTIVATE** and then press the **OK** button to confirm.
- The unit will make an audible tone to confirm. Press the button to go back to idle mode.

If you select Economy mode, the answering machine will answer calls and start playing the greeting message after 5 rings if you have no new messages, or after 3 rings if there is at least one new message recorded.

- Once the remote control access is activated, you can check the messages of your answering machine when you are away from home, by calling from another phone.
- If the answering machine is turned off, you must change your master PIN from its default 0000, before you can use the remote access feature.

To Check Messages Remotely

- When you are away from home, dial your home phone number from another phone. The answering machine answers and starts playing your greeting message.
- While the OGM is playing, press the  button on the phone you are using to dial your home telephone and enter the remote access code (which is the same as your master PIN code).

The Remote Feature lets you perform the following functions:

Button Description

- 1 = Go to previous message
 - 2 = Play the message
 - 3 = Go to next message
 - 6 = Delete the playing message
 - 7 = Turn on Answer and Record and play OGM (Ans&Rec OGM)
 - 8 = Stop message playback
 - 9 = Turn off the answering machine
- The answer machine will drop the line immediately if there is no detection of the master PIN entry within 8 seconds from pressing the button.
- If the remote access code is correct, a confirmation tone can be heard, and then start playing any messages.

If the answering machine is off, and the master PIN has been changed from its default 0000, it will answer the call after 14 rings. Dial the master PIN code within 8 seconds and you will hear an audible tone to confirm you have entered to remote access mode, as above.

Call Screening

- Call screening allows you to hear the caller while he is leaving a message.

- You can then decide if you want to talk to the caller directly.
- To adjust the speaker's volume during call screening, press the **▲** or **▼** buttons on the base unit. The lowest volume level turns call screening off.

Default Settings

These are the answering machine settings after the unit has been reset.

Answering Machine	ON
Answer mode	ANSW.& RECORD
Number of rings before answer	• 5 Outgoing messages • Predefined OGM. (Personalized OGMs deleted)
Remote access	Activate
Base speaker	Level 5

Text and Digit Entry Table

The following tables show you where each letter and punctuation character can be found. Respective character table will be used when the corresponding menu language is selected. This will be helpful when storing a name in the contacts and renaming your handset.

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

Writing Tips:

- Once a character is selected, the cursor will move to the next position after a short pause.
- Press the Back button to delete the last character.

English Character Set

Button	Alphanumeric Editing (For contacts name editing and renaming handset)										Number Editing (For phone number editing, date/ time editing)
	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	
1	space	1	=	<	>	*					1
2	A	B	C	2							2
3	D	E	F	3							3
4	G	H	I	4							4
5	J	K	L	5							5
6	M	N	O	6							6
7	P	Q	R	7							7
8	T	U	V	8							8
9	W	X	Y	9							9
0	0	-	/	\	#	+					0
*											*
#											#, or P (Pause) # press and hold

Default settings

Language	English
Handset name	Handset 1
Time/Date	00:00 01/01/2015
Date format	MM-DD
Time format	24hr
Phonebook memory	Empty
Recall time	Long (600ms)
Dial mode	Tone
H/S ringer melody	Melody 1
H/S ringer volume	Level 3
H/S earpiece volume	Volume 3
Handset key beep	On
Incoming call log	Empty
Redial list	Empty

Frequently Asked Questions

- You have followed all the steps listed in the user manual to install and set up your telephone.
- All connectors are firmly inserted in their sockets.
- Mains power to the base unit and charging cradle are switched on at the mains socket.
- The handset's batteries are correctly and securely installed and are not run down.

Everyday use

I cannot make or answer calls

- If the handset's display is blank, it may have been switched off. Put the handset back on the base unit or charging cradle to turn it back on.
- Check that the base unit's mains power adapter is plugged in and the power is switched on.
- The base unit needs mains power for normal operation of the phone. Not just for charging the batteries.
- Make sure you are using the telephone line cable supplied with your phone. Other telephone line cables might not work. Move the handset closer to the base unit.
- Check the battery level symbol on the display. If it is low, replace the handset on the base unit or charging cradle to recharge the batteries.
- Switch off the power at the mains socket, wait for a short time and then switch back on. This may solve the problem.

I cannot make a call

- If the handset display shows **KEYS LOCKED**, press and hold the  button to unlock it before you make a call.
- Only one handset (or the base unit) can be connected to the outside line at a time. If another handset is already using the line, you need to wait until it has finished its call.

When I press on the keys, nothing happens

Make sure the batteries are fitted in your handset. If the Battery Level symbol on the display shows 'low', put your handset back on the base unit or charging cradle to charge.

When I key in a number, it appears on the display, but I cannot make an outside call

Try a different position for the base unit – somewhere higher if possible, or further from other electrical equipment.

The phone does not ring

- Check that the base unit's mains power adapter is plugged in and the power is switched on.
- The base unit needs mains power for normal operation of the phone – not just for charging the batteries.
- Make sure you are using the telephone line cable that was supplied with your telephone.

My call was cut off when I went out of range. Now I can't use my handset</