DECT 6.0
Multi-Handset
Cordless Telephone
User's Guide

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

Visit the RCA web site at www.rca4phones.com

Model 2101 2101-2 2101-3 2101-4

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, 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 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. 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.

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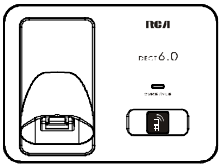
IMPORTANT: Because cordless phones operate on electricity, you should have at least one phone in your home that isn't cordless, in case the power in your home goes out.

Before You Begin

Parts Checklist (for 2101 single handset model)
Make sure your package includes the items listed here.

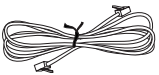


Base

Battery compartment cover

Handset

AC Power adaptor



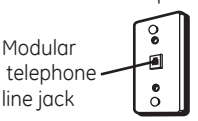
Telephone line cord

Handset battery pack

For **Model 2101-2** there will be **ONE** additional handset, charge cradle, battery pack and cover than shown above.
For Model **2101-3** there will be **TWO** additional handsets, charge cradles, battery packs and covers than shown above.
For Model **2101-4** 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.

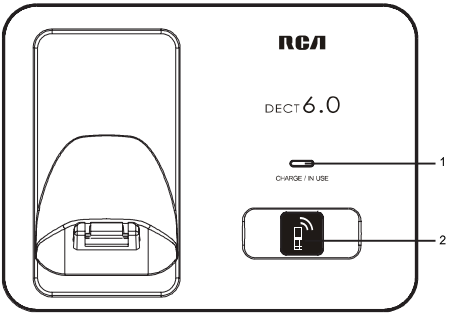
Certain other communications devices may also use the 1.9GHz DECT frequency for communication, and, if not properly set, these devices may interfere with each other and/or your new telephone. If you are concerned with interference, please refer to the owner's manual for these devices on how to properly 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.

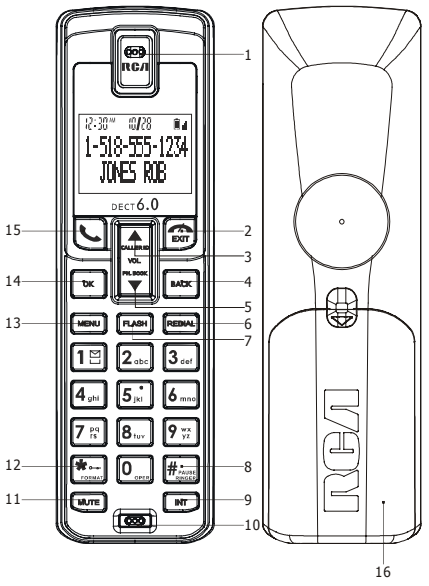
Overview of the base station



1 • Charge/in use indicator

2 • Find handsets
• Enter registration mode

Overview of the phone



1 • Earpiece
2 • End the call.
  • Exit the menu/operation.
3 • Scroll up on the menu.
  • Increase the earpiece volume.
  • Enter the call log.
4 • Exit the menu/operation.
  • Backspace the characters or digits.
5 • Scroll down on the menu.
  • Decrease the earpiece volume.
  • Enter the phonebook.
6 • Enter redial list and dial the recent number.
7 • Flash the phone line
8 • Press to enter a pause.
  • Press and hold to turn the ringer on/off.
9 • Make the intercom call.
  • Make the conference call.
10 • Microphone
11 • Mute/un-mute the microphone.
12 • Press and hold to lock/unlock keypad.
  • In call log list, change format (for US only).
13 • Access the main menu.
14 • Confirm selection.
  • Enter the options menu.
15 • Make and receive calls
16 • Battery door

Display Icons

In standby mode, the icons shown on the main screen tell you what features are available on your handset.

Icon Descriptions

When the handset is off the base station/charger, the bars indicate the battery level (full, medium and low).

When the handset is on the base station/charger, the bars keep scrolling until charging completes.

The empty battery icon flashes and you hear an alert tone. The battery is low and needs recharging.

Indicates that the handset is registered and within range of the base station.
Icon blinks when the handset is out of range or is searching for a ase.

The ringer is off.

There is an unheard voice message.

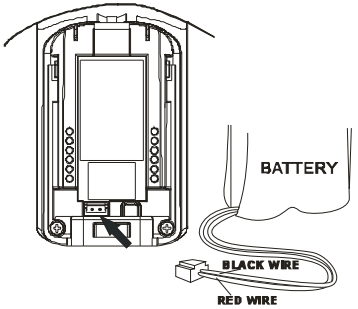
Installing the Phone

Installing the Handset Battery

NOTE: You must connect the handset battery before use. Nickel metal Hydride battery (Ni-MH) battery (Brand name: SANIK, Model name: 2SN-AAA55H-S-J1, Capacity: 2.4V/550mAh; Brand name: BYD, Model name: H-AAA550BX2, Capacity: 2.4V/550mAh), that is compatible with this unit.

1. Locate battery and battery door which are packaged together inside a plastic bag and are separate from the handset.
2. Locate the battery compartment on the back of the handset.
3. Plug the battery pack cord into the jack inside the compartment.

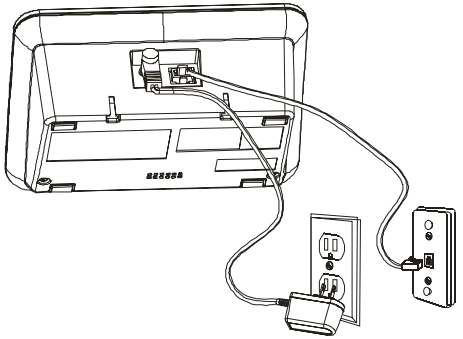
NOTE: To ensure proper battery installation, the connector is keyed and can be inserted only one way.



4. Insert the battery pack.
5. Close the battery compartment by pushing the door up until it snaps into place.

Base Station

1. 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.



2. 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.
3. Plug the AC power converter into the electrical outlet and the DC connector into the jack on the back of the base.
4. Place the handset in the base cradle. The charge/in use indicator turns on, verifying the battery is charging.
5. 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 (Manufacturer: ESL, Type: IA5060, 120Vac/6Vdc/500mA; Manufacturer: NanTong DaMing, Type: DM-SC060058, 120Vac/6Vdc/0-0.58A) listed in the user's guide. This power adaptor is intended to be correctly orientated in a vertical or floor mount position.

Set the date and time format

1. Press MENU.
2. Select [CLOCK] > [SET FORMAT], then press [OK] to confirm.
3. Select [DATE FORMAT] or [TIME FORMAT].
4. Select the setting. Select [DD/MM] [MM/DD] as the date display and [12 HOURS] or [24 HOURS] as the time display. Then press [OK] to confirm.

»» The setting is saved.

Set the date and time

1. Press MENU.
2. Select [CLOCK] > [SET DATE/TIME], then press [OK] to confirm.
3. Press the numeric buttons to enter the date, then press [OK] to confirm.
   »» On the handset, the time set menu is displayed.
4. Press the numeric buttons to enter the time.

• If the time is in 12-hour format, press ▲/▼ to select [AM] or [PM].

5 Press [OK] to confirm.

What is standby mode?

Your phone is in standby mode when it is idle. The standby screen displays the handset name, handset number, date and time, signal icon, and battery icon.

Check the signal strength

It displays the link status between the handset and base station. The signal icon was shown steady on when handset is linked with base.

Ensure the handset is linked to the base station before you make or receive calls and carry out the phone functions and features.

- If you hear warning tones when you are on the phone, the handset is almost out of battery or the handset is out of range.

Charge the battery or move the handset nearer to the base station.

Self-defined settings

Customize the settings to make it your own phone.

Personalize the phone display

Name the handset

The name of the handset can be up to 12 characters. It is displayed on the handset

screen in standby mode.

1. Press MENU.
2. Select [PERSONAL SET] > [HANDSET NAME], then press [OK] to confirm.
3. Enter or edit the name. To erase a character, press [BACK].
4. Press [OK] to confirm.

»» The setting is saved.

Set the display language

1. Press MENU.
2. Select [PERSONAL SET] > [LANGUAGE], then press [OK] to confirm.
3. Select a language, then press [OK] to confirm.

»» The setting is saved.

Personalize the sounds

Set the handset's melody

You can select from 10 melodies

1. Press MENU.
2. Select [PERSONAL SET] > [HANDSET TONES] > [RING MELODY], then press [OK] to confirm.
3. Select a melody, then press [OK] to confirm.

»» The setting is saved.

Set the handset's volume

You can select among 4 volume levels or [OFF].

1. Press MENU.
2. Select [PERSONAL SET] > [HANDSET TONES] > [RING VOLUME], then press [OK] to confirm.
3. Select a volume level, then press [OK] to confirm.

»» The setting is saved.

Tip

•• To turn off the melody, press and hold [# PAUSE/RINGER] in standby mode. Then displays on the screen.

Set the key tone

Key tone is the sound made when you press a key on the handset.

1. Press MENU.
2. 2 Select [PERSONAL SET] > [HANDSET TONES] > [KEY BEEP], then press [OK] to confirm.
3. Select [ON]/[OFF], then press [OK] to confirm.

»» The setting is saved.

Advanced settings

Auto conference

To join an external call with another handset, press TALK button.

Activate/Deactivate auto conference

1. Press MENU.
2. Select [ADVANCED SET] >[CONFERENCE], then press [OK] to confirm.
3. Select [ON]/[OFF], then press [OK] to confirm.
4. The setting is saved.

Change Master PIN

The Master PIN is used for registration/unregistration of handsets and for accessing the answering machine remotely. The default Master PIN number is 0000. The maximum length of the Master PIN is 8 digits.

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

1. Press MENU.
2. Select [ADVANCED SET] >[PIN], then press [OK].

3. Enter the current Master PIN when prompted and then press OK key to confirm. As you enter the PIN it will be shown as asterisks (*) on the screen.
4. Enter the new PIN and then press OK key to confirm.
5. The setting is saved.

Registration

You can register additional handsets to the base station. The base station can register up to 4
handsets.

1. Press MENU on the handset.
2. Select [ADVANCED SET] > [REGISTRATION], then press [OK] to confirm.
3. Press and hold on the base station for 5 seconds until you hear a confirmation beep.
4. Enter the system PIN. Press [BACK] to make corrections.
5. Press [OK] to confirm the PIN.

»» Registration is completed in less than 2 minutes. The base automatically assigns a handset number to the handset.

Note

•• If the PIN is incorrect or no base is found within a certain period, your handset displays a notification message. Repeat the above procedure if registration fails.

Unregister the handsets

1. If two handsets share the same base station, you can unregister a handset with another handset.
2. Press MENU.
3. Select [ADVANCED SET] > [UNREGISTER], then press [OK] to confirm.
4. Select the handset number to be unregistered.
5. Press [OK] to confirm.

»» The handset is unregistered.

Tip

• The handset number displays beside the handset name in standby mode.

Restore default settings

You can reset your phone settings to the original factory settings.

1. Press MENU.
2. Select [ADVANCED SET] > [RESET], then press [OK] to confirm.

»» The handset displays a confirmation request.
3. Press [OK] to confirm.
»» All settings are reset.

Area Code

1. Press MENU.
2. Select [ADVANCED SET] > [AREA CODE], then press [OK] to confirm.
3. Use the touch-tone pad to enter your 3-digit area code.
4. Press [OK] to confirm.

NOTE: To restore the default setting to - - -, press and release BACK button when the screen displays AREA CODE.

Select the recall duration

Ensure that the recall time is set correctly before you can answer a second call. In normal case, the phone is already preset for the recall duration. You can select among 3 options:
[SHORT], [MEDIUM] and [LONG]. The number of available options varies with different countries. For details, consult your service provider.

1. Press MENU.
2. Select [ADVANCED SET] > [FLASH TIME], then press [OK] to confirm.
3. Select an option, then press [OK] to confirm.

»» The setting is saved.

Dial mode

Note: This feature only applies to models that support both tone and pulse dial.
Dial mode is the telephone signal used in your country. The phone supports tone (DTMF) and pulse (rotary) dial. Consult the service provider for detailed information.

Set the dial mode

1. Press MENU.
2. Select [ADVANCED SET] > [DIAL MODE], then press [OK] to confirm.
3. Select a dial mode, then press [OK] to confirm.

»» The setting is saved.

Note: If your phone is in pulse dial mode, press [*] button during a call for temporary tone mode. Digits entered for this call are then sent out as tone signals.

First ring

If you have subscribed to the caller ID service with your service provider, your phone can suppress the first ring before the caller ID displays on the screen. After the phone is reset, it can detect automatically if the caller ID service is subscribed and start to suppress the first ring. You can change this setting to suit your preference. This feature only applies to models with first ring support.

Turn the first ring on/off

1. Press MENU.
2. Select [ADVANCED SET] > [FIRST RING], then press [OK] to confirm.
3. Select [ON]/[OFF], press [OK] to confirm.

»» The setting is saved.

Note: To reset the first ring status, go to the reset menu.

Telephone Operation

Make a call

You can make a call in these ways:

- Quick call
- Dial before you call
- Redial the most recent number
- Call from the redial list.
- Call from the phonebook list
- Call from the call log

Quick call

1. Press .
2. Dial the phone number.

»» The number is dialed out.

»» The duration of your current call is displayed.

Dial before you call

1. Dial the phone number

• To erase a digit, press [BACK].

• To enter a pause, press and hold [#PAUSE/RINGER].

2. Press to dial out the call.

Redial the most recent number

1. Press .
2. Press REDIAL.
3. Press [OK].

»» The most recent number is then dialed out.

Note: The call timer displays the talk time of your current call.
Note: If you hear warning tones, the handset is almost out of battery or the handset is out of range. Charge the battery or move the handset nearer to the base station.

End a call

You can end a call in these ways:

- Press EXIT ; or
- Place the handset to the base station or charging cradle.

Answer a call

When the phone rings, press to answer the call.

Warning: When the handset rings, keep the handset away from your ear to avoid ear damage.

Note: The caller ID service is available if you have registered to the caller ID service with your service provider.

Tip

••When there is a missed call, the handset displays a notification message.

Turn off the ringer for all incoming calls

There are two ways to turn off the ringer:

1. Press and hold [#PAUSE/RINGER] in standby mode. displays on the screen.
2. When the phone rings, press EXIT.

Adjust the earpiece volume

Press CALLER ID or PH. BOOK to adjust the volume during a call.

»» The earpiece volume is adjusted and the phone is back to the call screen.

Mute the microphone

1. Press [MUTE] button during a call.
»» The handset displays [MUTE ON].
»» The caller cannot hear you, but you can still hear his voice.
2. Press [MUTE] button again to un-mute the microphone.
»» You can now communicate with the caller.

Intercom Operation

An intercom call is a call to another handset that shares the same base station. A conference call involves a conversation among you, another handset user and the outside callers.

Make a call to another handset

Note

•• If the base station only has 2 registered handsets, press INT to make a call to another handset.

1. Press INT. The handsets available for intercom are displayed.
2. Select a handset number, then press [OK] to confirm.
»» The selected handset rings.
3. Press on the selected handset.
»» The intercom is established.
4. Press to cancel or end the intercom call.

Note

•• If the selected handset is occupied in a call, you hear a busy tone.

While you are on the phone

You can go from one handset to another during a call:

1. Press INT.
2. The current caller is put on hold.
3. Select a handset number, then press [OK] to confirm.

Toggle between calls

Press INT to switch between the outside call and the intercom call.

Transfer a call

1. Press INT during a call.
2. Select a handset number, then press [OK] to confirm.
3. Press EXIT when the other side answers your call.

»» The call is now transferred to the selected handset.

Make a conference call

A 3-way conference call is a call between you, another handset user and the outside callers. It requires two handsets to share the same base station.

During an external call

1. Press INT to initiate an internal call.

»» The handsets available for intercom are displayed.

»» The external caller is put on hold.

2. Select or enter a handset number, then press [OK] to confirm.

»» The selected handset rings.

3. Press on the selected handset.

»» The intercom is established.

4. Press and hold INT on your handset.

»» You are now on a 3-way conference call with the external call and the selected handset.

5. Press EXIT to end the conference call.

Note

Press to join an ongoing conference with another handset if [ADVANCED SET] >[CONFERENCE] is set to [ON].

During the conference call

1. Press INT to put the external call on hold and go back to the internal call.

»» The external call is put on hold.

2. Press INT to toggle between the external and internal call.
3. Press and hold INT to establish the conference call again.

Note

•• If a handset hangs up during the conference call, the other handset remains connected to the external call.

Text and numbers

You can enter text and numbers for handset name, phonebook records, and other menu items.

Enter text and number

1. Press once or several times on the alphanumeric key to enter the selected character.
2. Press [BACK] to delete the character.

Example to write "Paul"
Press 7 once: P
Press 2 once: a
Press 8 two times: u
Press 5 three times: l
Press and hold [#PAUSE/RINGER] to switch between the uppercase and lowercase letters.

Phonebook

This phone has a phonebook that stores up to 50 records. You can access the phonebook from the handset. Each record can have a name up to 14 characters long and a number up to 24 digits long.

View the phonebook

Note
•• You can view the phonebook on one handset only each time.

1. Press MENU > [PHONEBOOK] > [LIST ENTRY] to access the phonebook list.
2. Select a contact and view the available information.

Search a record

You can search the phonebook records in these ways:

- Scroll the contacts list.
- Enter the first character of the contact.

Scroll the contact list

1. Press MENU > [PHONEBOOK] > [LIST ENTRY] to access the phonebook menu.
2. press ▲ CALLER ID and PH. BOOK ▼ to scroll through the phonebook entries.

Enter the first character of a contact

1. Press MENU > [PHONEBOOK] > [LIST ENTRY] to access the phonebook list.
2. Press the alphanumerical key that corresponds to the character.

The first record that starts with this character is displayed.

Call from the phonebook

1. Press MENU > [PHONEBOOK] > [LIST ENTRY] to access the phonebook.
2. Select a contact in the phonebook list.
3. Press to make the call.

Access the phonebook during a call

1. Press [OK], select [PHONEBOOK] then press [OK] again to confirm.
2. Select the contact, then press [OK] to confirm.

»» The number can be viewed.

Add a record

Note

•• If your phonebook memory is full, the handset displays a notification message. Delete some records to add new ones.

1. Press MENU.
2. Select [PHONEBOOK] > [NEW ENTRY], then press [OK] to confirm.
3. Enter the name then press [OK] to confirm.
4. Enter the number, then press [OK] to confirm.

Tip

•• For more information on how to edit the name and number, see the section on Text and numbers.

Tip

•• Press and hold to [#PAUSE/RINGER] to insert a pause.

»» Your new record is saved.

Edit a record

1. Press MENU.
2. Select [PHONEBOOK] > [EDIT ENTRY], then press [OK] to confirm.
3. Select the contact, then press [OK] to confirm.
4. Edit the name, then press [OK] to confirm.
5. Edit the number, then press [OK] to confirm.

»» The record is saved.

Delete a record

1. Press MENU.
2. Select [PHONEBOOK] > [DELETE ENTRY], then press [OK] to confirm.
3. Select a contact, then press [OK] to confirm.

»» The handset displays a confirmation request.

4. Press [OK] to confirm.

»» The record is deleted.

Delete all records

1. Press MENU.
2. Select [PHONEBOOK] > [DELETE ALL], press [OK] to confirm.

The handset displays a confirmation request.

3. Press [OK] to confirm.

»» All records are deleted.

Call log

The call log stores the call history of all missed or received calls. The incoming call history includes the name and number of the caller, call time and date. This feature is available if you have registered to the caller ID service with your service provider.

Your phone can store up to 10 call records. If the caller allows the display of his identity, you can view his name or number. The call records are displayed in chronological order with the most recent received call at the top of the list.

Note

•• Ensure the number in the call list is valid before you can call back directly from the call list.

Reviewing CID Records

1. Press CALLER ID .
2. Select [CALL LIST], then press [OK] to confirm.

»» The incoming call log is displayed.

3. Select a record, then press [OK] to view the available information.

Storing CID Records in phonebook

1. Press CALLER ID .
2. Select [CALL LIST], then press [OK] to confirm.

»» The incoming call log is displayed.
3. Select a record, then press [OK] to confirm.
4. Select [SAVE NUMBER], then press [OK] to confirm.
5. Enter and edit the name, then press [OK] to confirm.
6. Enter and edit the number, then press [OK] to confirm.
»» The record is saved.

Dialing a CID Number

1. Press CALLER ID.
2. Select [CALL LIST], then press [OK].
3. Select a record on the list.
4. Press to make the call.

NOTE: Depending on (a) how the incoming caller's phone number is formatted when it is received, and (b) whether or not you previously pre-programmed your local area code into the Advanced setting menu, you may need to adjust the format of the incoming caller' s stored phone number before making the call, press the FORMAT/* button to adjust the number, and try again.

Number of digits	Explanation	Example
Eleven digits	long distance code "1" +3-digit area code +7-digit telephone number.	1-317-888-8888
Ten digits	3-digit area code + 7-digit telephone number.	317-888-8888
Seven digits	7-digit telephone number.	888-8888

Deleting a CID Record

1. Press CALLER ID.
2. Select [CALL LIST], then press [OK] to confirm.
3. The incoming call log is displayed.
4. Select a record, then press [OK] to confirm.
5. Select [DELETE ENTRY], then press [OK] to confirm.
»» The record is deleted.

Deleting All CID Records

1. Press CALLER ID.
2. Select [CALL LIST], then press [OK] to confirm.
»» The incoming call log is displayed.

3. Press [OK] to enter the options menu.
4. Select [DELETE ALL], then press [OK] to confirm.
»» The handset displays a confirmation request.
5. Press [OK] to confirm.
»» All records are deleted.

Redial list

The redial list stores the call history of dialed calls. It includes the names and/or numbers you have called. This phone can store up to 5 redial records.

View the redial records

1. Press REDIAL to enter the list of dialed calls.
2. Use ▲ CALLER ID and PHONE BOOK ▼ to view the call list.

Redial a call

1. Press REDIAL.
2. Select the record you want to call. Press ✆.
»» The number is dialed out.

Save a redial record to the phonebook

1. Press REDIAL to enter the list of dialed calls.
2. Select a record, then press [OK] to confirm.
3. Select [SAVE NUMBER], then press [OK] to confirm.
4. Enter and edit the name, then press [OK] to confirm.
5. Enter and edit the number, then press [OK] to confirm.
»» The record is saved.

Delete a redial record

1. Press REDIAL to enter the list of dialed calls.
2. Select a record, then press [OK] to confirm.
3. Select [DELETE ENTRY], then press [OK] to confirm.
»» The record is deleted.

Delete all redial records

1. Press REDIAL to enter the list of dialed calls.
2. Press [OK] to enter the options menu.
3. Select [DELETE ALL], then press [OK] to confirm.

4. The handset displays a confirmation request.
5. Press [OK] to confirm.
»» All records are deleted.

Keypad lock

You can lock the keypad to prevent accidental button presses.
Lock the keypad
1. Press and hold [*/FORMAT] key in standby mode.
»» The keypad is locked.
Note
• When the keypad is locked, no call can be made. You can still answer the incoming calls.
The keypad is unlocked during the call but is locked automatically after you finish the call.

Unlock the keypad

1. Press and hold [*/FORMAT] key.
»» The keypad is unlocked.

Locate the handset

1. Press on the base station.
»» All handsets connected to this base station ring.
2. Press on the base station again to stop ringing.
»» All handsets stop ringing; or
3 Press any key on one handset to stop ringing.

Default settings

Language	English
Handset name	Handset 1
Time/Date	00:00 01/01/10
Date format	DD-MM-YY
Time format	24hr
Phonebook memory	Empty
Recall time	Long (600ms)
Master pin	0000
First ring	On
Conference	On
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

The signal icon blinks on the screen

• The handset is out of range. Move it closer to the base station.

• If the handset displays [UNREGISTERED], register the handset.

Tip

• For more information, see "Registration" on the Advanced settings section.

If I fail to register the additional handsets to the base station, what do I do?

Your base memory is full. Un-register the unused handsets and try again.

No dialing tone

• Check your phone connections.

• The handset is out of range. Move it closer to the base station.

No docking tone

• The handset is not placed properly on the base station/charger.

• The charging contacts are dirty.

Disconnect the power supply first and clean the contacts with a damp cloth.

The handset on the charger does not charge.

- Ensure the battery pack is inserted properly.
- Ensure the handset is placed properly on the charger. The battery icon animates when charging.
- Batteries are defective. Purchase new ones from your dealer.

No display

• Ensure the batteries are charged.

• Ensure there are power and phone connections.

Bad audio (crackles, echo, etc.)
The handset is nearly out of range. Move it closer to the base station.
- The phone receives interference from the nearby electrical appliances. Move the base station away from them.
- The phone is at a location with thick walls. Move the base away from them.

The handset does not ring.
Ensure the handset ringtone is turned on.

The caller ID does not display.
- The service is not activated. Check with your service provider.
- The caller's information is withheld or unavailable.

When I see [WAITING...] on the screen, what is happening with the phone?
The phone is recalling the memory of the phonebook and call log. Both informations are stored in the base station. Then the handset retrieves the data from the base station after a few seconds. When you press ▲ CALLER ID / ▼ PH. BOOK call log/phonebook information is displayed on the handset.

The handset loses connection with the base or the sound is distorted during a call.
••Disconnect the power supply from both the handset and base station. Try again after 1 minute.

Warranty Assistance

Your sales receipt will be required to demonstrate proof of purchase in order to validate your warranty eligibility. You may want to attach either the original, or a photocopy, of your sales receipt to this booklet for future reference.
If this product was received as a gift, it is suggested you jot down the date of gift receipt, as this information will be valuable should service be required during the warranty period. If the equipment is causing hard to the telephone network, the telephone company may require that you disconnect the equipment until the problem is resolved.
Purchase Date or Date Received as Gift_____
Name of Store_____
For instructions on how to execute your warranty, you may call customer

care at 1-877-722-4908 or you may visit our website at www.rca4phones.com. If you prefer to contact us via US Mail - you may write to us at:
S.P. USA LLC
PO Box 501045
Indianapolis IN 46250-1045
Please do not send products to this address as it only add delays in service and may result in lost or damaged product. This PO BOX is for written communication only.
If the equipment is causing hard to the telephone network, the telephone company may require that you disconnect the equipment until the problem is resolved.

Limited Warranty

What your warranty covers:
- Defects in materials or workmanship.

For how long after your purchase:
- One year, from date of purchase. Please retain your sales receipt as that will act as your proof of purchase in order to validate warranty status.

What we will do:
- Provide you with a new or, at our option, a refurbished exchange unit of same or similar model. The exchange model is under warranty for the remainder of the original product's on year warranty, or 90 days from the date the replacement product was shipped to you, whichever is longer.

How to get service:
- Call Customer Care at 1-877-722-4908. Please have your product with you and please have your model number and date code available when calling us. The model number and date code can be found on the underside of the base unit.

If you are within your warranty period and it is determined that service is required:
- We will ask that you properly pack your product to avoid shipping damage. We recommend that you use the original carton and packing materials.
- We will ask you to include with your product the following:
  - Your name, return shipping address and daytime phone number handwritten or typed on a sheet of paper

- A legible copy of your sales receipt (please do not send the original sales receipt)

Ship your product prepaid, to the address we provide. We suggest shipping your product via a traceable carrier as we are not responsible for lost, misdirected or damaged shipments. You may want to write the date shipped, carrier and tracking number here:_____

_____

- Upon receipt of your product we will validate your product is under warranty and if determined your product is warranty eligible, we will ship to you a new or, at our option, a refurbished exchange unit of same or similar model. This exchange unit will be shipped to you at no cost.

What your warranty does not cover:

- Customer Instruction. (Your Instruction Booklet provides information regarding operating and install instructions. Additional information may be obtained by contacting the retailer)
- Installation and set up service adjustments.
- Batteries.
- Damage from misuse, neglect, unauthorized repair.
- Products which have been modified or incorporated into other products
- Products that have been serviced by
- 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 product or visit www.rca4phones.com to register your new product. Product registration is not required for warranty coverage but does allow us to contact you regarding your product should it become necessary.

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 S.P. USA LLC, 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. S.P. USA LLC 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 OREGON. 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 relates 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.

Visit the RCA web site at www.rca4phones.com

Please do not send any products to the Indianapolis address listed in this manual or on the carton. This will only add delays in service for your product.

2101 2101-2 2101-3 2101-4
XXXXXXXX (Rev.0 Dom E)
10-26
Printed in China

DECT 6.0
Multi-Handset
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 2102/ 2102-2/ 2102-3 / 2102-4

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, 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 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. 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 ortelevision 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 004-000-0034 5-4 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.

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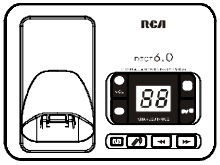
IMPORTANT: Because cordless phones operate on electricity, you should have at least one phone in your home that isn't cordless, in case the power in your home goes out.

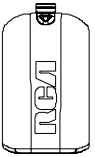
Before You Begin

Parts Checklist (for 2102 single handset model)

Make sure your package includes the items listed here.



base

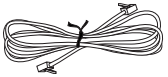


Battery compartment cover

AC power adaptor

Handset battery pack

Handset



Telephone line cord

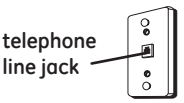
For **Model 2102-2** there will be **ONE** additional handset, charge cradle, battery pack and cover .

For **Model 2102-3** there will be **TWO** additional handsets, charge cradles, battery packs and covers .

For **Model 2102-4** there will be **THREE** additional handsets, charge cradles, battery packs and covers .

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.

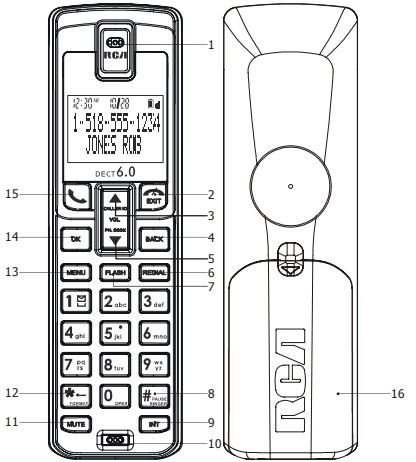
INSTALLATION NOTE: Some cordless telephones operate at frequencies that may cause or receive interference with nearby TVs, microwave ovens, and VCRs. To minimize or prevent such interference, the base of the cordless telephone should not be placed near or on top of a TV, microwave ovens, or VCR. If such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

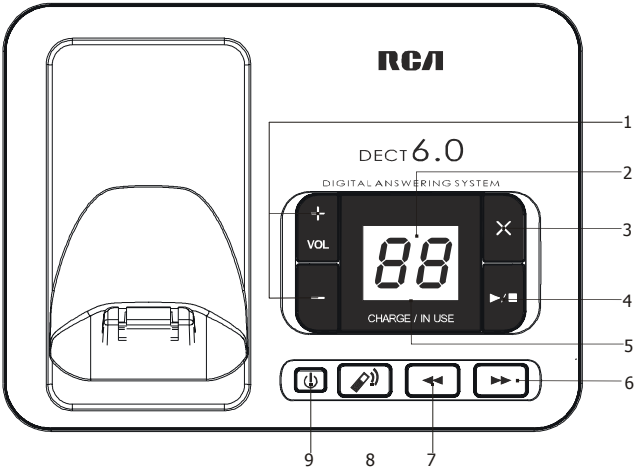
- Do not use the product in places where there are explosive hazards.
- Do not let small metal objects come into contact with the product. This can deteriorate audio quality and damage the product.
- Active mobile phones in the vicinity may cause interference.
- Metallic objects may be retained if placed near or on the handset receiver.

Overview of the phone



1 • Earpiece
2 • End the call.
  • Exit the menu/operation.
3 • Scroll up on the menu.
  • Increase the earpiece volume.
  • Enter the call log.
4 • Exit the menu/operation.
  • Backspace the characters or digits.
5 • Scroll down on the menu.
  • Decrease the earpiece volume.
  • Enter the phonebook.
6 • Enter redial list and dial the recent number.
7 • Flash the phone line
8 • Press to enter a pause.
  • Press and hold to turn the ringer on/off.
9 • Make the intercom call.
  • Make the conference call.
10 •Microphone
11 • Mute/un-mute the microphone.
12 • Press and hold to lock/unlock keypad.
13 • Access the main menu.
14 • Confirm selection.
  • Enter the options menu.
15 • Make and receive calls
16 • Battery door

Overview of the base station



1 • Increase/decrease the speaker volume
2 • Messages counter
3 • Delete messages.
4 • Play messages.
  • Stop messages playback.
5 • Charge/in use indicator
6 • Skip forward
7 • Skip backward
8 • Find handsets
  • Enter registration mode
9 • Turn the answering machine on/off.

Display Icons

In standby mode, the icons shown on the main screen tell you what features are available on your handset.

Icon	Descriptions
	When the handset is off the base station/charger, the bars indicate the battery level (full, medium and low).
	When the handset is on the base station/charger, the bars keep scrolling until charging completes.
	The empty battery icon flashes and you hear an alert tone. The battery is low and needs recharging.
	Indicates that the handset is registered and within range of the base station. Icon blinks when the handset is out of range or is searching for a base.
	The ringer is off.
	Answering machine
	There is an unheard voice message.

Installing the Phone

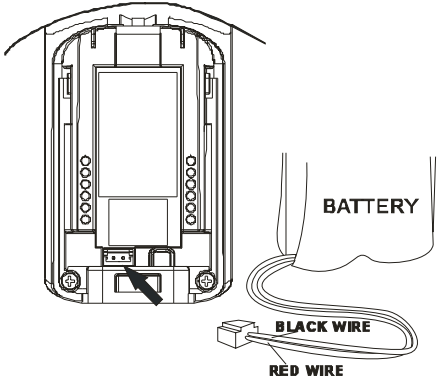
Installing the Handset Battery

NOTE: You must connect the handset battery before use.

CAUTION: To reduce the risk of fire or personal injury, use only the. approved Nickel metal Hydride battery (Ni MH)(Brand name : SANIK, Model name: 2SN-AAA55H-S-J1, Capacity: 2.4V/550mAh; Brand name: BYD, Model name: H-AAA550BX2, Capacity: 2.4V/550mAh; Brand name: Corun, Model name: NI-MH AAA550*2, Capacity: 2.4V/550mAh), that is compatible with this unit.

1. Locate battery and battery door which are packaged together inside a plastic bag and are separate from the handset.
2. Locate the battery compartment on the back of the handset.
3. Plug the battery pack cord into the jack inside the compartment.

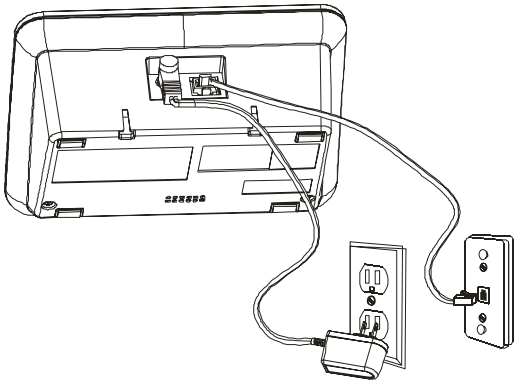
NOTE: To ensure proper battery installation, the connector is keyed and can be inserted only one way.



4. Insert the battery pack.
5. Close the battery compartment by pushing the door up until it snaps into place.

Base Station

1. 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.



2. 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.
3. Plug the AC power converter into the electrical outlet and the DC connector into the jack on the back of the base.
4. Place the handset in the base cradle. The charge/in use indicator turns on, verifying the battery is charging.
5. 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 (Manufacturer: ESL, Type: IA5060, 120Vac/6Vdc/500mA; Manufacturer: NanTong DaMing, Type: DM-SC060058, 120Vac/6Vdc/0-0.58A) listed in the user's guide. This power adaptor is intended to be correctly orientated in a vertical or floor mount position.

Set the date and time format

1 Press MENU.
2 Select [CLOCK] > [SET FORMAT], then press [OK] to confirm.
3 Select [DATE FORMAT] or [TIME FORMAT].
4 Select the setting. Select [DD/MM] [MM/DD] as the date display and [12 HOURS] or [24 HOURS] as the time display. Then press [OK] to confirm.

»» The setting is saved.

Set the date and time

1 Press MENU.
2 Select [CLOCK] > [SET DATE/TIME], then press [OK] to confirm.
3 Press the numeric buttons to enter the date, then press [OK] to confirm.
»» On the handset, the time set menu is displayed.
4 Press the numeric buttons to enter the time.
• If the time is in 12-hour format, press ▲ CALLER ID / ▼ PH. BOOK to select [AM] or [PM].
5 Press [OK] to confirm.

What is standby mode?

Your phone is in standby mode when it is idle. The standby screen displays the handset name, handset number, date and time, signal icon, and battery icon.

Check the signal strength

It displays the link status between the handset and base station. The signal icon was shown steady on when handset is linked with base.
Ensure the handset is linked to the base station before you make or receive calls and carry out the phone functions and features.
If you hear warning tones when you are on the phone, the handset is almost out of battery or the handset is out of range.Charge the battery or move the handset nearer to the base station.

Self-defined settings

Customize the settings to make it your own phone.

Personalize the phone display

Name the handset

The name of the handset can be up to 12 characters. It is displayed on the handset screen in standby mode.

1 Press MENU.
2 Select [PERSONAL SET] > [HANDSET NAME], then press [OK] to confirm.
3 Enter or edit the name. To erase a character, press [BACK].
4 Press [OK] to confirm.
»» The setting is saved.

Set the display language

1 Press MENU.
2 Select [PERSONAL SET] > [LANGUAGE], then press [OK] to confirm.
3 Select a language, then press [OK] to confirm.
»» The setting is saved.

Personalize the sounds

Set the handset's melody

You can select from 10 melodies

1 Press MENU.
2 Select [PERSONAL SET] > [HANDSET TONES] > [RING MELODY], then press [OK] to confirm.
3 Select a melody, then press [OK] to confirm.

»» The setting is saved.

Set the handset's volume

You can select among 4 volume levels or [OFF].

1 Press MENU.
2 Select [PERSONAL SET] > [HANDSET TONES] > [RING VOLUME], then press [OK] to confirm.
3 Select a volume level, then press [OK] to confirm.

»» The setting is saved.

Tip

•• To turn off the melody, press and hold [# PAUSE/RINGER] in standby mode. Then displays on the screen.

Set the key tone

Key tone is the sound made when you press a key on the handset.

1 Press MENU.
2 Select [PERSONAL SET] > [HANDSET TONES] > [KEY BEEP], then press [OK] to confirm.
3 Select [ON]/[OFF], then press [OK] to confirm.

»» The setting is saved.

Advanced settings

Auto conference

To join an external call with another handset, press TALK button.

Activate/Deactivate auto conference

1 Press MENU.
2 Select [ADVANCED SET] >[CONFERENCE], then press [OK] to confirm.
3 Select [ON]/[OFF], then press [OK] to confirm.
4 The setting is saved.

Change Master PIN

The Master PIN is used for registration/unregistration of handsets and for accessing the answering machine remotely. The default Master PIN number

is 0000. The maximum length of the Master PIN is 8 digits.

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

1 Press MENU.
2 Select [ADVANCED SET] >[PIN], then press [OK].
3 Enter the current Master PIN when prompted and then press OK key to confirm. As you enter the PIN it will be shown as asterisks (*) on the screen.
4 Enter the new PIN and then press OK key to confirm.
5 The setting is saved.

Registration

You can register additional handsets to the base station. The base station can register up to 4 handsets.

1 Press MENU on the handset.
2 Select [ADVANCED SET] > [REGISTRATION], then press [OK] to confirm.
3 Press and hold on the base station for 5 seconds until you hear a confirmation beep.
4 Enter the system PIN. Press [BACK] to make corrections.
5 Press [OK] to confirm the PIN.

»» Registration is completed in less than 2 minutes. The base automatically assigns a handset number to the handset.

Note

•• If the PIN is incorrect or no base is found within a certain period, your handset displays a notification message. Repeat the above procedure if registration fails.

Unregister the handsets

1 If two handsets share the same base station, you can unregister a handset with another handset.
2 Press MENU.
3 Select [ADVANCED SET] > [UNREGISTER], then press [OK] to confirm.
4 Select the handset number to be unregistered.
5 Press [OK] to confirm.

»» The handset is unregistered.

Tip

• The handset number displays beside the handset name in standby mode.

Restore default settings

You can reset your phone settings to the original factory settings.

1 Press MENU.
2 Select [ADVANCED SET] > [RESET], then press [OK] to confirm.

»» The handset displays a confirmation request.

3 Press [OK] to confirm.

»» All settings are reset.

Area Code

1. Press MENU.
2. Select [ADVANCED SET] > [AREA CODE], then press [OK] to confirm.
3. Use the touch-tone pad to enter your 3-digit area code.
4. Press [OK] to confirm.

NOTE: To restore the default setting to - - -, press and release BACK button when the screen displays AREA CODE.

Select the recall duration

Ensure that the recall time is set correctly before you can answer a second call. In normal case, the phone is already preset for the recall duration. You can select among 3 options: [SHORT], [MEDIUM] and [LONG]. The number of available options varies with different countries. For details, consult your service provider.

1 Press MENU.

2 Select [ADVANCED SET] > [FLASH TIME], then press [OK] to confirm.

3 Select an option, then press [OK] to confirm.

»» The setting is saved.

Dial mode

Note: This feature only applies to models that support both tone and pulse dial.

Dial mode is the telephone signal used in your country. The phone supports tone (DTMF) and pulse (rotary) dial. Consult the service provider for detailed information.

Set the dial mode

1 Press MENU.

2 Select [ADVANCED SET] > [DIAL MODE], then press [OK] to confirm.

3 Select a dial mode, then press [OK] to confirm.

»» The setting is saved.

Note: If your phone is in pulse dial mode, press [*] button during a call for temporary tone mode. Digits entered for this call are then sent out as tone signals.

First ring

If you have subscribed to the caller ID service with your service provider, your phone can suppress the first ring before the caller ID displays on the screen. After the phone is reset, it can detect automatically if the caller ID service is subscribed and start to suppress the first ring. You can change this setting to suit your preference. This feature only applies to models with first ring support.

Turn the first ring on/off

1 Press MENU.
2 Select [ADVANCED SET] > [FIRST RING], then press [OK] to confirm.
3 Select [ON]/[OFF], press [OK] to confirm.
»» The setting is saved.

Note: To reset the first ring status, go to the reset menu.

Telephone Operation

Make a call

- You can make a call in these ways:
- Quick call
- Dial before you call
- Redial the most recent number
- Call from the redial list.
- Call from the phonebook list
- Call from the call log

Quick call

1 Press .
2 Dial the phone number.
»» The number is dialed out.
»» The duration of your current call is displayed.

Dial before you call

1 Dial the phone number
- To erase a digit, press [BACK].
- To enter a pause, press and hold [**#PAUSE/RINGER**].

2 Press to dial out the call.

Redial the most recent number

1 Press .
2 Press **REDIAL**.

3 Press [OK].

»» The most recent number is then dialed out.

Note: The call timer displays the talk time of your current call.

Note: If you hear warning tones, the handset is almost out of battery or the handset is outof range. Charge the battery or move the handset nearer to the base station.

End a call

You can end a call in these ways:

- Press EXIT ; or
- Place the handset to the base station or charging cradle.

Answer a call

When the phone rings, press to answer the call.

Warning: When the handset rings, keep the handset away from your ear to avoid ear damage.

Note: The caller ID service is available if you have registered to the caller ID service with your service provider.

Tip

••When there is a missed call, the handset displays a notification message.

Turn off the ringer for all incoming calls

There are two ways to turn off the ringer:

1 Press and hold [#PAUSE/RINGER] in standby mode. displays on the screen.

2 When the phone rings, press EXIT .

Adjust the earpiece volume

Press PH. BOOK or CALLER ID to adjust the volume during a call.

»» The earpiece volume is adjusted and the phone is back to the call screen.

Mute the microphone

1 Press [MUTE] button during a call.

»» The handset displays [MUTE ON].

»» The caller cannot hear you, but you can still hear his voice.

2 Press [MUTE] button again to un-mute the microphone.

»» You can now communicate with the caller.

Intercom Operation

An intercom call is a call to another handset that shares the same base station. A conference call involves a conversation among you, another handset user and the outside callers.

Make a call to another handset

Note

•• If the base station only has 2 registered handsets, press INT to make a call to another handset.

1 Press INT. The handsets available for intercom are displayed.
2 Select a handset number, then press [OK] to confirm.
»» The selected handset rings.
3 Press on the selected handset.
»» The intercom is established.
4 Press EXIT to cancel or end the intercom call.

Note

•• If the selected handset is occupied in a call, you hear a busy tone.

While you are on the phone

You can go from one handset to another during a call:

1 Press INT.
2 The current caller is put on hold.
3 Select a handset number, then press [OK] to confirm.

Toggle between calls

Press INT to switch between the outside call and the intercom call.

Transfer a call

1 Press INT during a call.
2 Select a handset number, then press [OK] to confirm.
3 Press EXIT when the other side answers your call.
»» The call is now transferred to the selected handset.

Make a conference call

A 3-way conference call is a call between you, another handset user and the outside callers. It requires two handsets to share the same base station.

During an external call

1 Press INT to initiate an internal call.
»» The handsets available for intercom are displayed.
»» The external caller is put on hold.
2 Select or enter a handset number, then press [OK] to confirm.
»» The selected handset rings.

3 Press on the selected handset.
»» The intercom is established.
4 Press and hold INT on your handset.
»» You are now on a 3-way conference call with the external call and the selected handset.
5 Press EXIT to end the conference call.

Note

Press to join an ongoing conference with another handset if [ADVANCED SET] > [CONFERENCE] is set to [ON].

During the conference call

1 Press INT to put the external call on hold and go back to the internal call.
»» The external call is put on hold.
2 Press INT to toggle between the external and internal call.
3 Press and hold INT to establish the conference call again.
Note
•• If a handset hangs up during the conference call, the other handset remains connected to the external call.

Text and numbers

You can enter text and numbers for handset name, phonebook records, and other menu items.

Enter text and number

1 Press once or several times on the alphanumeric key to enter the selected character.
2 Press [BACK] to delete the character.

Example to write "Paul"
Press 7 once: P
Press 2 once: a
Press 8 two times: u
Press 5 three times: l
Press and hold [#PAUSE/RINGER] to switch between the uppercase and lowercase letters.

Phonebook

This phone has a phonebook that stores up to 50 records. You can access the phonebook from the handset. Each record can have a name up to 14 characters long and a number up to 24 digits long.

View the phonebook

Note

•• You can view the phonebook on one handset only each time.

1 Press MENU > [PHONEBOOK] > [LIST ENTRY] to access the phonebook list.

2 Select a contact and view the available information.

Search a record

You can search the phonebook records in these ways:

- Scroll the contacts list.
- Enter the first character of the contact.

Scroll the contact list

1 Press MENU > [PHONEBOOK] > [LIST ENTRY] to access the phonebook menu.

2 press PH. BOOK ▼ and ▲ CALLER ID to scroll through the phonebook entries.

Enter the first character of a contact

1 Press MENU > [PHONEBOOK] > [LIST ENTRY] to access the phonebook list.

2 Press the alphanumerical key that corresponds to the character.

The first record that starts with this character is displayed.

Call from the phonebook

1 Press MENU > [PHONEBOOK] > [LIST ENTRY] to access the phonebook.

2 Select a contact in the phonebook list.

3 Press to make the call.

Access the phonebook during a call

1 Press [OK], select [PHONEBOOK] then press [OK] again to confirm.

2 Select the contact, then press [OK] to confirm.

»» The number can be viewed.

Add a record

Note

•• If your phonebook memory is full, the handset displays a notification message. Delete some records to add new ones.

1 Press MENU.

2 Select [PHONEBOOK] > [NEW ENTRY], then press [OK] to confirm.

3 Enter the name then press [OK] to confirm.

4 Enter the number, then press [OK] to confirm.

Tip

•• For more information on how to edit the name and number, see the section on Text and numbers.

Tip

•• Press and hold to [#PAUSE/RINGER] to insert a pause.

»» Your new record is saved.

Edit a record

1 Press MENU.
2 Select [PHONEBOOK] > [EDIT ENTRY], then press [OK] to confirm.
3 Select the contact, then press [OK] to confirm.
4 Edit the name, then press [OK] to confirm.
5 Edit the number, then press [OK] to confirm.
»» The record is saved.

Delete a record

1 Press MENU.
2 Select [PHONEBOOK] > [DELETE ENTRY], then press [OK] to confirm.
3 Select a contact, then press [OK] to confirm.
»» The handset displays a confirmation request.
4 Press [OK] to confirm.
»» The record is deleted.

Delete all records

1 Press MENU.
2 Select [PHONEBOOK] > [DELETE ALL], press [OK] to confirm.
The handset displays a confirmation request.
3 Press [OK] to confirm.
»» All records are deleted.

Call log

The call log stores the call history of all missed or received calls. The incoming call history includes the name and number of the caller, call time and date. This feature is available if you have registered to the caller ID service with your service provider.

Your phone can store up to 10 call records. If the caller allows the display of his identity, you can view his name or number. The call records are displayed in chronological order with the most recent received call at the top of the list.

Note

•• Ensure the number in the call list is valid before you can call back directly from the call list.

View the call records

1 Press ▲ CALLER ID .
2 Select [CALL LIST], then press [OK] to confirm.

»» The incoming call log is displayed.
3 Select a record, then press [OK] to view the available information.

Save a call record to the phonebook

1 Press ▲ CALLER ID .
2 Select [CALL LIST], then press [OK] to confirm.
»» The incoming call log is displayed.
3 Select a record, then press [OK] to confirm.
4 Select [SAVE NUMBER], then press [OK] to confirm.
5 Enter and edit the name, then press [OK] to confirm.
6 Enter and edit the number, then press [OK] to confirm.
»» The record is saved.

Return a call

1 Press ▲ CALLER ID .
2 Select [CALL LIST], then press [OK].
3 Select a record on the list.
4 Press 📞 to make the call.

Delete a call record

1 Press ▲ CALLER ID .
2 Select [CALL LIST], then press [OK] to confirm.
3 The incoming call log is displayed.
4 Select a record, then press [OK] to confirm.
5 Select [DELETE ENTRY], then press [OK] to confirm
»» The record is deleted.

Delete all call records

1 Press ▲ CALLER ID .
2 Select [CALL LIST], then press [OK] to confirm.
»» The incoming call log is displayed.
3 Press [OK] to enter the options menu.
4 Select [DELETE ALL], then press [OK] to confirm.
»» The handset displays a confirmation request.
5 Press [OK] to confirm.
»» All records are deleted.

Redial list

The redial list stores the call history of dialed calls. It includes the names and/or numbers you have called. This phone can store up to 5 redial records.

View the redial records

1 Press REDIAL to enter the list of dialed calls.
3 Use ▲ CALLER ID and PH. BOOK ▼ to view the call list.

Redial a call

1 Press REDIAL.
2 Select the record you want to call. Press .
»» The number is dialed out.

Save a redial record to the phonebook

1 Press REDIAL to enter the list of dialed calls.
2 Select a record, then press [OK] to confirm.
3 Select [SAVE NUMBER], then press [OK] to confirm.
4 Enter and edit the name, then press [OK] to confirm.
5 Enter and edit the number, then press [OK] to confirm.
»» The record is saved.

Delete a redial record

1 Press REDIAL to enter the list of dialed calls.
2 Select a record, then press [OK] to confirm.
3 Select [DELETE ENTRY], then press [OK] to confirm.
»» The record is deleted.

Delete all redial records

1 Press REDIAL to enter the list of dialed calls.
2 Press [OK] to enter the options menu.
3 Select [DELETE ALL], then press [OK] to confirm.
4 The handset displays a confirmation request.
5 Press [OK] to confirm.
»» All records are deleted.

Keypad lock

You can lock the keypad to prevent accidental button presses.

Lock the keypad

1 Press and hold [*/FORMAT] key in standby mode.
»» The keypad is locked.

Note

- When the keypad is locked, no call can be made. You can still answer the incoming calls.

The keypad is unlocked during the call but is locked automatically after you finish the call.

Unlock the keypad

1 Press and hold [*/FORMAT] key.
»» The keypad is unlocked.

Locate the handset

1 Press on the base station.
»» All handsets connected to this base station ring.
2 Press on the base station again to stop ringing.
»» All handsets stop ringing; or
3 Press any key on one handset to stop ringing.

Telephone answering machine

Your phone includes a telephone answering machine that records unanswered calls when it is on. By default, the answering machine is set to the [ANSWER & REC.] mode. You can also access the answering machine remotely and change the settings through the answering machine menu on the handset.

Turn on/off the answering machine

You can turn on/off the answering machine through the base station or the handset.

Through the handset

1 Press MENU.
2 Select [ANSWER MACHINE] > [ANSWER ON/OFF], then press [OK] to confirm.
3 Select [ON]/[OFF], then press [OK] to confirm.
»» The setting is saved.

NOTE: The answering system displays "- -" when it is off.

Through the base

1 Press to turn on/off the answering machine in standby mode.

Note

••When the answering machine is switched on, it answers incoming calls after a certain number of rings based on the ring delay setting.

Set the answering machine language

Note

This feature only applies to models with multiple-language support.
The answering machine language is the language for the announcements.

1 Press MENU.
2 Select [ANSWER MACHINE] > [SETTINGS] > [LANGUAGE].
3 Press [OK] to confirm.

4 Select a language, then press [OK] to confirm.
»» The setting is saved.

Set the answer mode

You can set the answering machine and select if the callers can leave messages. Select [ANSWER & REC.] if you allow the callers to leave messages. Select [ANSWER ONLY] if you forbid the callers to leave messages.

1 Press MENU.
2 Select [ANSWER MACHINE] > [ANSWER MODE], then press [OK] to confirm.
3 Select an answer mode, then press [OK] to confirm.
»» The setting is saved.

Note

•• If the memory is full, the answering machine switches to [ANSWER ONLY] mode automatically.

Announcements

The announcement is the message your caller hears when the answering machine picks up the call. The answering machine has 2 pre-recorded announcements: the [ANSWER & REC.] mode and [ANSWER ONLY] mode.

Record an announcement

The maximum length of the announcement you can record is 2 minutes. The newly recorded announcement automatically replaces the old one.

1 Press MENU.
2 Select [ANSWER MACHINE] > [RECORD OGM], then press [OK] to confirm.
3 Select [ANSWER & REC.] or [ANSWER ONLY], then press [OK] to confirm.
4 Select [RECORD OGM], then press [OK] to confirm.
5 Recording starts after the beep.
6 Press [OK] to stop recording or the recording stops after 2 minutes.
»» You can listen to the newly recorded announcement on the handset.

Note

•• To restore the pre-recorded announcement, delete your current announcement.

Note

•• Ensure that you speak close to the microphone when you record an announcement.

Listen to the announcement

1 Press MENU.
2 Select [ANSWER MACHINE] >[RECORD OGM], then press [OK] to confirm.
3 Select [ANSWER & REC.] or [ANSWER ONLY], then press [OK] to confirm.
4 Select [PLAY], then press [OK] to confirm.

»» You can listen to the current announcement.

Note

•• You can no longer listen to the announcement when you pick up an incoming call.

Delete an announcement

1 Press MENU.
2 Select [ANSWER MACHINE] > [RECORD OGM], then press [OK] to confirm.
3 Select [ANSWER & REC.] or [ANSWER ONLY], then press [OK] to confirm.
4 Select [DELETE], then press [OK] to confirm.
5 The pre-recorded announcement is restored.

Note

•• No pre-recorded announcement can be deleted.

Incoming messages (ICM)

Each message can be up to 3 minutes long. When you receive new messages, the new message indicator flashes on the answering machine and the handset displays a notification message.

Note

•• If you pick up the phone when the caller leaves a message, the recording stops and you can talk to the caller directly.

Note

•• If the memory is full, the answering machine switches to [ANSWER ONLY] automatically. Delete old messages to receive new ones.

Listen to the incoming messages

You can listen to the incoming messages in the sequence they are recorded.

From the base

- Start/Stop listening: Press ►/■.
- Adjust the volume: Press + / -.
- Skip backward:

- When you listen to the messages, press ◄◄ to listen to the message from the beginning.
- During the first second of the current message, press ◄◄ to listen to the previous message.

- Skip forward: Press ►► to skip to the next message.
- Delete the current message: Press ✕.

Note

•• No deleted messages can be recovered.

From the handset

1 Press MENU.
2 Select [ANSWER MACHINE] > [PLAY], then press [OK] to confirm.
»» New messages start playing. Old messages start playing if there is no new message.

- Press [BACK] to stop listening.
- Press [MENU] to enter the options menu.
- Press ▲ CALLER ID / PH. BOOK ▼ to increase/decrease the volume.

Delete an incoming message

From the base

1 Press ✕ when you listen to the message.
»» The current message is deleted.

From the handset

1 When you listen to the message, press [MENU] to enter the options menu.
2 Select [DELETE], then press [OK] to confirm.
»» The current message is deleted.

Delete all old incoming messages

From the base

1 Press and hold ✕ in standby mode.
»» All old messages are permanently deleted.

From the handset

1 Press MENU on the handset.
2 Select [ANSWER MACHINE] > [DELETE ALL], then press [OK] to confirm.
»» The handset displays a confirmation request.
3 Press [OK] to confirm.
»» All old messages are permanently deleted.

Note

•• You can delete the read messages only. No deleted messages can be recovered.

Call screening

You can hear the caller while he is leaving a message. Press 📞 to pick up the call.

From the base

Press + / - to adjust the speaker volume during call screening. The lowest volume level turns off the call screening.

Set the ring delay

You can set the number of times the phone rings before the answering

machine picks up the call.

1 Press MENU.
2 Select [ANSWER MACHINE] >[SETTINGS] > [RING DELAY], then press [OK] to confirm.
3 Select a new setting, then press [OK] to confirm.

»» The setting is saved.

Note

- Ensure that the answering machine is switched on before this feature can be applied.

Tip

When you access the answering machine remotely, you are recommended to set the ring delay to [ECONOMY] mode. This is a cost effective way to manage your messages.

When there are new messages, the answering machine picks up the call after 3 rings; When there is no messages, it picks up the call after 5 rings.

Remote access

You can operate your answering machine when you are away from home. Simply make a call to your phone with a touch tone phone and enter your 4-digit PIN code.

Note

- The remote access PIN code is the same as your system PIN. The preset PIN is 0000.

Activate/deactivate the remote access

You can allow or block remote access to the answering machine.

1 Press MENU.
2 Select [ANSWER MACHINE] > [SETTINGS] > [REMOTE ACCESS], then press [OK] to confirm.
3 Select a new setting, then press [OK] to confirm.

»» The setting is saved.

Access the answering machine remotely

1 Make a call to your home number with a touch tone phone.
2 Enter # when you hear the announcement.
3 Enter your PIN code, if the remote access code is correct, a confirmation beep can be heard, and then you need to press the 2 key, within 8 seconds, to start playing messages.

Note

•• You have 2 chances to enter the correct PIN code before your phone hangs up.

4 Press a key to carry out a function. See the Remote access commands table

below for a list of available functions.

Note

•• When there is no message, the phone hangs up automatically if no key is pressed for 8 seconds.

Remote access commands

Key	Function
1	Repeat the current or listen to the previous message.
2	Listen to messages.
3	Skip to the next message.
6	Delete the current message.
7	Switch the answering machine on. (not available when you listen to the messages).
8	Stop listening to the message.
9	switch the answering machine off. (not available when you listen to the messages).

Default settings

Language	English
Handset name	Handset 1
Time/Date	00:00 01/01/10
Date format	DD-MM-YY
Time format	24hr
Phonebook memory	Empty
Recall time	Long (600ms)
Master pin	0000
First ring	On
Conference	On
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

Answering Machine

Answer On/Off	On
Answer mode	Answer & Rec.
HS screening	Off

Remote access	On
OGM	Pre-recorded announcement
Ring delay	5 rings
ICM length	3 min
Base playback volume	L5
Base screening volume	L5

Frequently asked questions

The signal icon blinks on the screen

- The handset is out of range. Move it closer to the base station.
- If the handset displays [UNREGISTERED], register the handset.

Tip

- For more information, see "Registration" on the Advanced settings section.

If I fail to register the additional handsets to the base station, what do I do?

Your base memory is full. Un-register the unused handsets and try again.

No dialing tone

- Check your phone connections.
- The handset is out of range. Move it closer to the base station.

No docking tone

- The handset is not placed properly on the base station/charger.
- The charging contacts are dirty.

Disconnect the power supply first and clean the contacts with a damp cloth.

The handset on the charger does not charge.

- Ensure the battery pack is inserted properly.
- Ensure the handset is placed properly on the charger. The battery icon animates when charging.
- Batteries are defective. Purchase new ones from your dealer.

No display

- Ensure the batteries are charged.
- Ensure there are power and phone connections.

Bad audio (crackles, echo, etc.)

The handset is nearly out of range. Move it closer to the base station.

- The phone receives interference from the nearby electrical appliances. Move the base station away from them.
- The phone is at a location with thick walls. Move the base away from them.

The handset does not ring.

Ensure the handset ringtone is turned on.

The caller ID does not display.

- The service is not activated. Check with your service provider.
- The caller's information is withheld or unavailable.

When I see [WAITING...] on the screen, what is happening with the phone?

The phone is recalling the memory of the phonebook and call log. Both informations are stored in the base station. Then the handset retrieves the data from the base station after a few seconds. When you press ▲ CALLER ID / ▼ PH. BOOK call log/phonebook information is displayed on the handset.

The handset loses connection with the base or the sound is distorted during a call.

- Disconnect the power supply from both the handset and base station. Try again after 1 minute.

Warranty Assistance

Your sales receipt will be required to demonstrate proof of purchase in order to validate your warranty eligibility. You may want to attach either the original, or a photocopy, of your sales receipt to this booklet for future reference.
If this product was received as a gift, it is suggested you jot down the date of gift receipt, as this information will be valuable should service be required during the warranty period. If the equipment is causing hard to the telephone network, the telephone company may require that you disconnect the equipment until the problem is resolved.

Purchase Date or Date Received as Gift_____

Name of Store_____

For instructions on how to execute your warranty, you may call customer care at 1-877-722-4908 or you may visit our website at www.rca4phones.com. If you prefer to contact us via US Mail - you may write to us at:
S.P. USA LLC
PO Box 501045
Indianapolis IN 46250-1045
Please do not send products to this address as it only add delays in service and may result in lost or damaged product. This PO BOX is for written communication only.
If the equipment is causing hard to the telephone network, the telephone company may require that you disconnect the equipment until the problem is resolved.

Limited Warranty

What your warranty covers:

- Defects in materials or workmanship.

For how long after your purchase:

- One year, from date of purchase. Please retain your sales receipt as that will act as your proof of purchase in order to validate warranty status.

What we will do:

- Provide you with a new or, at our option, a refurbished exchange unit of same or similar model. The exchange model is under warranty for the remainder of the original product's on year warranty, or 90 days from the date the replacement product was shipped to you, whichever is longer.

How to get service:

- Call Customer Care at 1-877-722-4908. Please have your

product with you and please have your model number and date code available when calling us. The model number and date code can be found on the underside of the base unit.

If you are within your warranty period and it is determined that service is required:

- We will ask that you properly pack your product to avoid shipping damage. We recommend that you use the original carton and packing materials.
- We will ask you to include with your product the following:
  - Your name, return shipping address and daytime phone number handwritten or typed on a sheet of paper
  - A legible copy of your sales receipt (please do not send the original sales receipt)
- Ship your product prepaid, to the address we provide. We suggest shipping your product via a traceable carrier as we are not responsible for lost, misdirected or damaged shipments. You may want to write the date shipped, carrier and tracking number here:_____

_____

- Upon receipt of your product we will validate your product is under warranty and if determined your product is warranty eligible, we will ship to you a new or, at our option, a refurbished exchange unit of same or similar model. This exchange unit will be shipped to you at no cost.

What your warranty does not cover:

- Customer Instruction. (Your Instruction Booklet provides information regarding operating and install instructions. Additional information may be obtained by contacting the retailer)
- Installation and set up service adjustments.
- Batteries.
- Damage from misuse, neglect, unauthorized repair.
- Products which have been modified or incorporated into other products
- Products that have been serviced by
- 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 product or visit www.rca4phones.com to register your new product. Product registration is not required for warranty coverage but does allow us to contact you regarding your product should it become necessary.

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 S.P. USA LLC, 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. S.P. USA LLC 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 OREGON. 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 relates 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.

Visit the RCA web site at www.rca4phones.com

Please do not send any products to the Indianapolis address listed in this manual or on the carton. This will only add delays in service for your product.

2102
XXXXXXXX (Rev.0 Dom E)
10-23
Printed in China

Quick Set-up Guide for Optional/Additional Model 2100 DECT 6.0 Cordless Handset for use with Systems 2101 and 2102 Series

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

Visit the RCA web site at www.rca4phones.com

Model 2100

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, 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 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. 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 004-000-0034 5-4 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.

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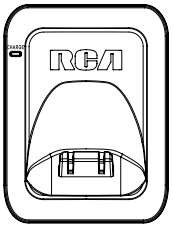
IMPORTANT: Because cordless phones operate on electricity, you should have at least one phone in your home that isn't cordless, in case the power in your home goes out.

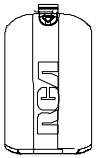
Before You Begin

Parts Checklist

Make sure your package includes the items listed here.



Charge Cradle



Battery compartment cover

AC power adaptor

Handset battery pack

Handset

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.

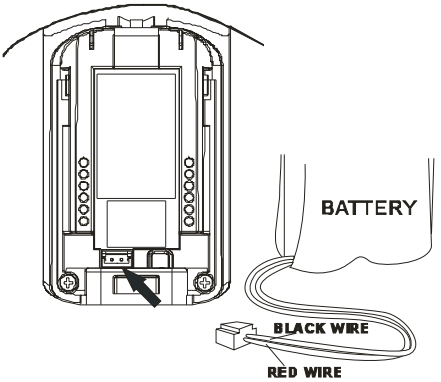
Installing the Phone

Installing the Handset Battery

NOTE: You must connect the handset battery before use.
Nickel metal Hydride battery (Ni-MH) battery (Brand name: SANIK, Model name: 2SN-AAA55H-S-J1, Capacity: 2.4V/550mAh; Brand name: BYD, Model name: H-AAA550BX2, Capacity: 2.4V/550mAh), that is compatible with this unit.

1. Locate battery and battery door which are packaged together inside a plastic bag and are separate from the handset.
2. Locate the battery compartment on the back of the handset.
3. Plug the battery pack cord into the jack inside the compartment.

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



4. Insert the battery pack.
5. Close the battery compartment by pushing the door up until it snaps into place.

Handset Charging Cradle

1. Plug the AC power converter of the charging cradle into the electrical outlet.

CAUTION: To reduce risk of personal injury, fire, or damage use only the power adaptor (Manufacturer: ESL, Type: IA5060, 120Vac/6Vdc/ 500mA) listed in the user's guide. This power adaptor is intended to be correctly orientated in a vertical or floor mount position.

2. Place the handset in the charging cradle. The charge indicator turns on, verifying the battery is charging.
3. Allow the phone to charge for 16 hours prior to first use. If you don't properly charge the phone, battery performance is compromised.

Advanced settings

Registration

You can register additional handsets to the base station. The base station can register up to 4 handsets.

1 Press MENU on the handset.
2 Select [ADVANCED SET] > [REGISTRATION], then press [OK] to confirm.
3 Press and hold on the base station for 5 seconds until you hear a confirmation beep.
4 Enter the system PIN. Press [BACK] to make corrections.
5 Press [OK] to confirm the PIN.

»» Registration is completed in less than 2 minutes. The base automatically assigns a handset number to the handset.

Note

•• If the PIN is incorrect or no base is found within a certain period, your handset displays a notification message. Repeat the above procedure if registration fails.

Unregister the handsets

1 If two handsets share the same base station, you can unregister a handset with another handset.
2 Press MENU.
3 Select [ADVANCED SET] > [UNREGISTER], then press [OK] to confirm.
4 Select the handset number to be unregistered.
5 Press [OK] to confirm.

»» The handset is unregistered.

Tip

- The handset number displays beside the handset name in standby mode.

Programming the Telephone

Name the handset

The name of the handset can be up to 12 characters. It is displayed on the handset screen in standby mode.

1 Press MENU.
2 Select [PERSONAL SET] > [HANDSET NAME], then press [OK] to confirm.
3 Enter or edit the name. To erase a character, press [BACK].
4 Press [OK] to confirm.
»» The setting is saved.

Set the display language

1 Press MENU.
2 Select [PERSONAL SET] > [LANGUAGE], then press [OK] to confirm.
3 Select a language, then press [OK] to confirm.
»» The setting is saved.

Personalize the sounds
Set the handset's melody

You can select from 10 melodies

1 Press MENU.
2 Select [PERSONAL SET] > [HANDSET TONES] > [RING MELODY], then press [OK] to confirm.
3 Select a melody, then press [OK] to confirm.
»» The setting is saved.

Set the handset's volume

You can select among 4 volume levels or [OFF].

1 Press MENU.
2 Select [PERSONAL SET] > [HANDSET TONES] > [RING VOLUME], then press [OK] to confirm.
3 Select a volume level, then press [OK] to confirm.
»» The setting is saved.

Tip

•• To turn off the melody, press and hold [# PAUSE/RINGER] in standby mode. Then displays on the screen.

Set the key tone

Key tone is the sound made when you press a key on the handset.

1 Press MENU.
2 Select [PERSONAL SET] > [HANDSET TONES] > [KEY BEEP], then press [OK] to

confirm.
3 Select [ON]/[OFF], then press [OK] to confirm.
»» The setting is saved.

Intercom Operation

An intercom call is a call to another handset that shares the same base station. A conference call involves a conversation among you, another handset user and the outside callers.

Make a call to another handset

Note

•• If the base station only has 2 registered handsets, press INT to make a call to another handset.

1 Press INT. The handsets available for intercom are displayed.
2 Select a handset number, then press [OK] to confirm.
»» The selected handset rings.
3 Press on the selected handset.
»» The intercom is established.
4 Press EXIT to cancel or end the intercom call.

Note

•• If the selected handset is occupied in a call, you hear a busy tone.

While you are on the phone

You can go from one handset to another during a call:

1 Press INT.
2 The current caller is put on hold.
3 Select a handset number, then press [OK] to confirm.

Toggle between calls

Press INT to switch between the outside call and the intercom call.

Transfer a call

1 Press INT during a call.
2 Select a handset number, then press [OK] to confirm.
3 Press EXIT when the other side answers your call.
»» The call is now transferred to the selected handset.

Make a conference call

A 3-way conference call is a call between you, another handset user and the outside callers. It requires two handsets to share the same base station.

During an external call

1 Press INT to initiate an internal call.

»» The handsets available for intercom are displayed.

»» The external caller is put on hold.

2 Select or enter a handset number, then press [OK] to confirm.

»» The selected handset rings.

3 Press on the selected handset.

»» The intercom is established.

4 Press and hold INT on your handset.

»» You are now on a 3-way conference call with the external call and the selected handset.

5 Press EXIT to end the conference call.

Note

Press to join an ongoing conference with another handset if [ADVANCED SET] >[CONFERENCE] is set to [ON].

During the conference call

1 Press INT to put the external call on hold and go back to the internal call.

»» The external call is put on hold.

2 Press INT to toggle between the external and internal call.

3 Press and hold INT to establish the conference call again.

Note

•• If a handset hangs up during the conference call, the other handset remains connected to the external call.

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 **Nickel-metal Hydride** battery listed in the User's Guide.
- Keep batteries out of the reach of children.
- Remove batteries if storing over 30 days.

Causes of Poor Reception

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

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 the unit and other rough treatment.
- 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 a later date.
- Periodically clean the charge contacts on the handset and base with a soft cloth.

Frequently asked questions

The signal icon blinks on the screen

- The handset is out of range. Move it closer to the base station.
- If the handset displays [UNREGISTERED], register the handset.

Tip

- For more information, see "Registration" on the Advanced settings section.

If I fail to register the additional handsets to the base station, what do I do?
Your base memory is full. Un-register the unused handsets and try again.

No dialing tone

- Check your phone connections.
- The handset is out of range. Move it closer to the base station.

No docking tone

- The handset is not placed properly on the base station/charger.
- The charging contacts are dirty.

Disconnect the power supply first and clean the contacts with a damp cloth.

The handset on the charger does not charge.

- Ensure the battery pack is inserted properly.
- Ensure the handset is placed properly on the charger. The battery icon animates when charging.
- Batteries are defective. Purchase new ones from your dealer.

No display

- Ensure the batteries are charged.
- Ensure there are power and phone connections.

Bad audio (crackles, echo, etc.)

The handset is nearly out of range. Move it closer to the base station.

- The phone receives interference from the nearby electrical appliances. Move the base station away from them.
- The phone is at a location with thick walls. Move the base away from them.

The handset does not ring.

Ensure the handset ringtone is turned on.

The caller ID does not display.

- The service is not activated. Check with your service provider.
- The caller's information is withheld or unavailable.

When I see [WAITING...] on the screen, what is happening with the phone?
The phone is recalling the memory of the phonebook and call log. Both informations are stored in the base station. Then the handset retrieves the data from the base station after a few seconds. When you press ▲ CALLER ID / PH. BOOK ▼ call log/phonebook information is displayed on the handset.

The handset loses connection with the base or the sound is distorted during a call.

•• Disconnect the power supply from both the handset and base station. Try again after 1 minute.

Warranty Assistance

Your sales receipt will be required to demonstrate proof of purchase in order to validate your warranty eligibility. You may want to attach either the original, or a photocopy, of your sales receipt to this booklet for future reference.
If this product was received as a gift, it is suggested you jot down the date of gift receipt, as this information will be valuable should service be required during the warranty period. If the equipment is causing hard to the telephone network, the telephone company may require that you disconnect the equipment until the problem is resolved.

Purchase Date or Date Received as Gift_____

Name of Store_____

For instructions on how to execute your warranty, you may call customer care at 1-877-722-4908 or you may visit our website at www.rca4phones.com. If you prefer to contact us via US Mail - you may write to us at:
S.P. USA LLC
PO Box 501045
Indianapolis IN 46250-1045
Please do not send products to this address as it only add delays in service and may result in lost or damaged product. This PO BOX is for written communication only.
If the equipment is causing hard to the telephone network, the telephone company may require that you disconnect the equipment until the problem is resolved.

Limited Warranty

What your warranty covers:
- Defects in materials or workmanship.

For how long after your purchase:
- One year, from date of purchase. Please retain your sales receipt as that will act as your proof of purchase in order to validate warranty status.

What we will do:
- Provide you with a new or, at our option, a refurbished exchange unit of same or similar model. The exchange model is under warranty for the remainder of the original product's on year warranty, or 90 days from the date the replacement product was shipped to you, whichever is longer.

How to get service:

- Call Customer Care at 1-877-722-4908. Please have your product with you and please have your model number and date code available when calling us. The model number and date code can be found on the underside of the base unit.

If you are within your warranty period and it is determined that service is required:

- We will ask that you properly pack your product to avoid shipping damage. We recommend that you use the original carton and packing materials.
- We will ask you to include with your product the following:
    - Your name, return shipping address and daytime phone number handwritten or typed on a sheet of paper
    - A legible copy of your sales receipt (please do not send the original sales receipt)
- Ship your product prepaid, to the address we provide. We suggest shipping your product via a traceable carrier as we are not responsible for lost, mis-directed or damaged shipments. You may want to write the date shipped, carrier and tracking number here:_____
- Upon receipt of your product we will validate your product is under warranty and if determined your product is warranty eligible, we will ship to you a new or, at our option, a refurbished exchange unit of same or similar model. This exchange unit will be shipped to you at no cost.

What your warranty does not cover:

- Customer Instruction. (Your Instruction Booklet provides information regarding operating and install instructions. Additional information may be obtained by contacting the retailer)
- Installation and set up service adjustments.
- Batteries.
- Damage from misuse, neglect, unauthorized repair.
- Products which have been modified or incorporated into other products
- Products that have been serviced by
- 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 product or visit www.rca4phones.com to register your new product. Product registration is not required for warranty coverage but does allow us to contact you regarding your product should it become necessary.

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 S.P. USA LLC, 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. S.P. USA LLC 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 OREGON. 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 relates 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.

Visit the RCA web site at www.rca4phones.com

Please do not send any products to the Indianapolis address listed in this manual or on the carton. This will only add delays in service for your product.

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