User Manual

For the

American Telecom Digital Cordless Phone

with Handset Answering Machine

This user manual is for all models with model numbers

beginning with RA218

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To enjoy all the benefits of this product, please review the information contained in this manual

Important Safety Instructions

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

1. Do not use this product near water, for example, near a bathtub, wash bowl, kitchen sink or laundry tub, in a wet basement, or near a swimming pool.

2. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.

3. Do not use the telephone to report a gas leak in the vicinity of the leak.

4. Use only the power cord and batteries indicated in this manual. Do not dispose of batteries in a fire. They may explode. Check with local codes for possible special disposal instructions.

5. Plug the adaptor into the socket-outlet that is near to the equipment and shall be easily accessible.

6. CAUTION
There is risk of explosion if the battery is replaced with an incorrect type.
DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS. USE ONLY SP LTD., TYPE NO. LH-600AAA 1.2V Ni-MH RECHARGEABLE BATTERY.

SAVE THESE INSTRUCTIONS
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Precautions

- Read manual before using phone.
- Avoid direct exposure to sun and heat, and avoid placing in damp and dusty environments.
- Do not place objects on the cables and/or on the phone.
- Do not use with adapter and/or batteries not specified in this instructions manual.
- In case of storms, disconnect the phone from power and phone lines.
- Clean by using a slightly dampened cloth. Do not use alcohol, solvents, abrasives, etc.
- Do not attempt to repair phone. Tampering and/or uses not conforming to those described in the instructions manual will render the warranty void.
- ATS declines any responsibility in case of improper use not conforming to the instructions as described in this manual.

Introduction

Thank you for choosing the RA218 digital cordless phone.

RA218 is a DECT (Digital Enhanced Cordless Telecommunications) phone with a built in answering machine system. The RA218 offers many useful features including Caller ID, call waiting, alphabetical phonebook, hands-free speakerphone, multi-handset capabilities and auto answering feature. All the features are accessible through the easy to use menu system.

Please read this instruction manual carefully before using your new RA218 phone for the first time.

FCC Statement

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.

FCC RF Radiation Exposure Statement:
Caution: To maintain the compliance with the FCC's RF exposure guideline, place the base unit at least 20 cm from nearby persons.

For body worn operation, this handset has been tested and meets the FCC RF exposure guidelines. Use of accessories may not ensure compliance with FCC RF exposure guidelines.

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

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

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

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Consumer Information

a) This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the **bottom** of this equipment is a label that contains, among other information, a product identifier in the format **US: AAAEQ##TXXXX.** If requested, this number must be provided to the telephone company.

b) An applicable certification jacks Universal Service Order Codes (USOC) for the equipment is provided (i.e., **RJ11C**) in the packaging with each piece of approved terminal equipment.

c) 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.

d) The REN is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company. [For products approved after July 23, 2001, the REN for this product is part of the product identifier that has the format **US:AAAEQ##TXXXX**.
The digits represented by ## are the REN without a decimal point *(e.g.*, 03 is a REN of 0.3). For earlier products, the REN is separately shown on the label.]

e) If this equipment **RA218XXX** causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

f) The telephone company may make changes to its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service.

g) Should you experience trouble with this equipment, please contact **(American Telecom Services, Inc., 2466 Peck Road, City of Industry, CA 90601, 1-888-928-7746)** for repair or warranty information. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.

h) Please follow instructions for repairing if any (e.g. battery replacement section); otherwise do not alternate or repair any parts of device except specified.
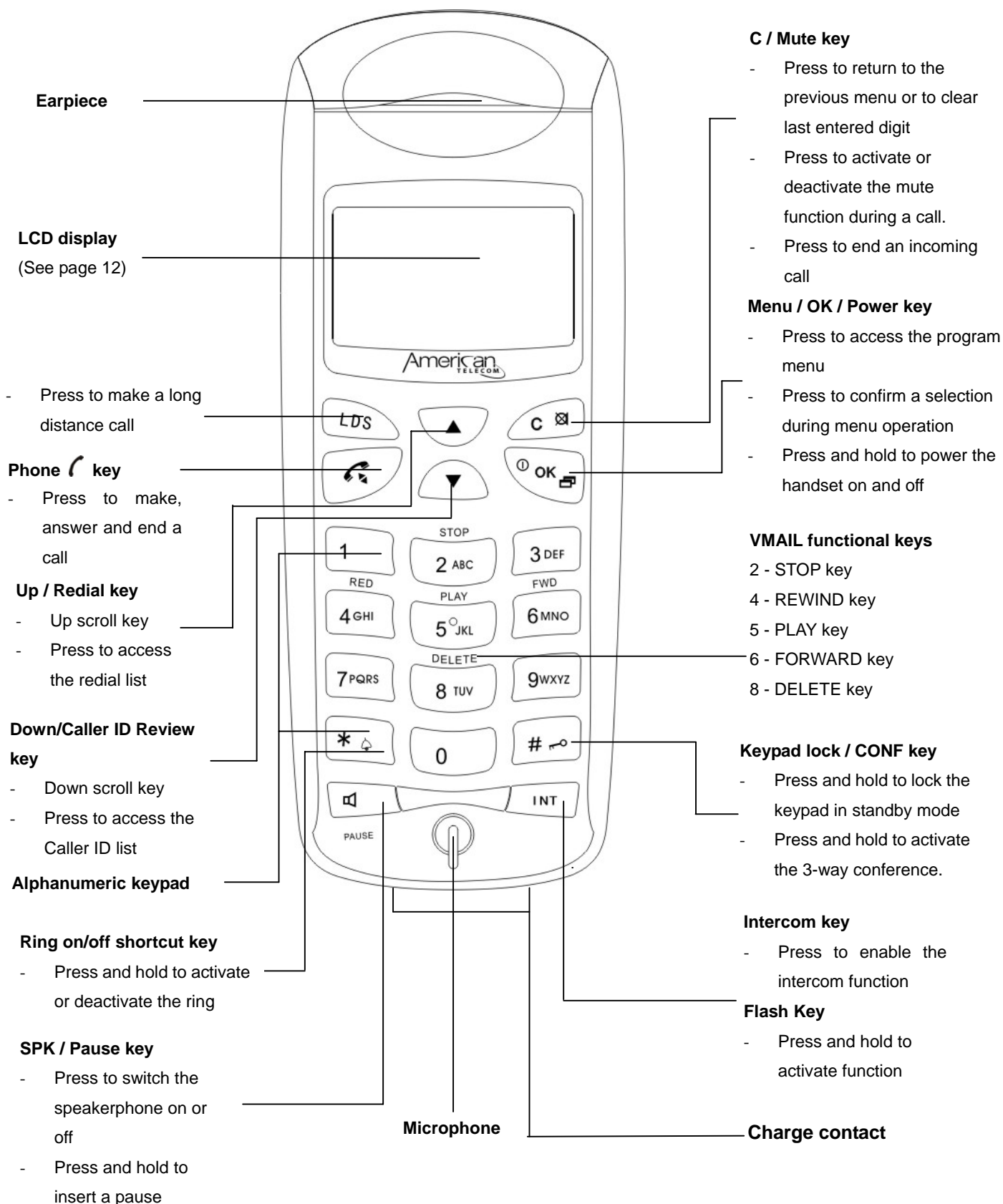
i) Connection to party line service is subject to state tariffs. Contact the state public utility commission, public service commission or corporation commission for information.

j) **NOTICE:** If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this *RA218XXX* does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

k) This equipment is hearing aid compatible.

NOTICE: According to telephone company reports, AC electrical surges typically resulting from lightning strikes, are very destructive to telephone equipment connected to AC power sources. To minimize damage from these types of surges, a surge protector is recommended.

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Handset and Base Layouts

Earpiece

LCD display
(See page 12)

- Press to make a long distance call

Phone (key
- Press to make, answer and end a call

Up / Redial key
- Up scroll key
- Press to access the redial list

Down/Caller ID Review key
- Down scroll key
- Press to access the Caller ID list

Alphanumeric keypad

Ring on/off shortcut key
- Press and hold to activate or deactivate the ring

SPK / Pause key
- Press to switch the speakerphone on or off
- Press and hold to insert a pause

C / Mute key
- Press to return to the previous menu or to clear last entered digit
- Press to activate or deactivate the mute function during a call.
- Press to end an incoming call

Menu / OK / Power key
- Press to access the program menu
- Press to confirm a selection during menu operation
- Press and hold to power the handset on and off

VMAIL functional keys
2 - STOP key
4 - REWIND key
5 - PLAY key
6 - FORWARD key
8 - DELETE key

Keypad lock / CONF key
- Press and hold to lock the keypad in standby mode
- Press and hold to activate the 3-way conference.

Intercom key
- Press to enable the intercom function

Flash Key
- Press and hold to activate function

Microphone

Charge contact

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LCD Display
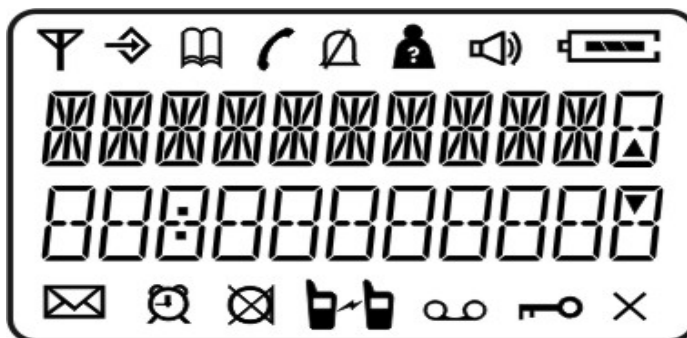
Icon	Name	Description
Y	Antenna	Steady when in range; flashing when out of range
⇨	Menu	Menu accessed
▢	Phonebook	Phonebook accessed
(	Phone	Line in use, the phone is in off hook mode.
⌀	Ringer off	Ringer volume is set to OFF
♟	Caller ID	Flashing indicates the new call; steady when accessing Caller ID list
◁))	Speakerphone	Hands free speakerphone mode.
✉	Message waiting	Flashes after detecting message waiting, ON signal; Disappears after detecting message waiting, OFF signal.
⏰	Alarm	Indicates that the alarm is enabled
⊠	Mute	Mute function is activated
▌▐	Intercom	Intercom call mode
ᴑᴑ	Record	Shown after Voice Mail is switched to ON mode; Disappears after Voice Mail is switched to OFF mode.
⊶	Lock	Indicates that the keypad is locked

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LED / Key Features on Base Unit

< Page > button:
-Press to find the handset;
-Press and hold to enter to the base registration

In use / New message(s) / Ringing indicator (GREEN LED)

Charging indicator (RED
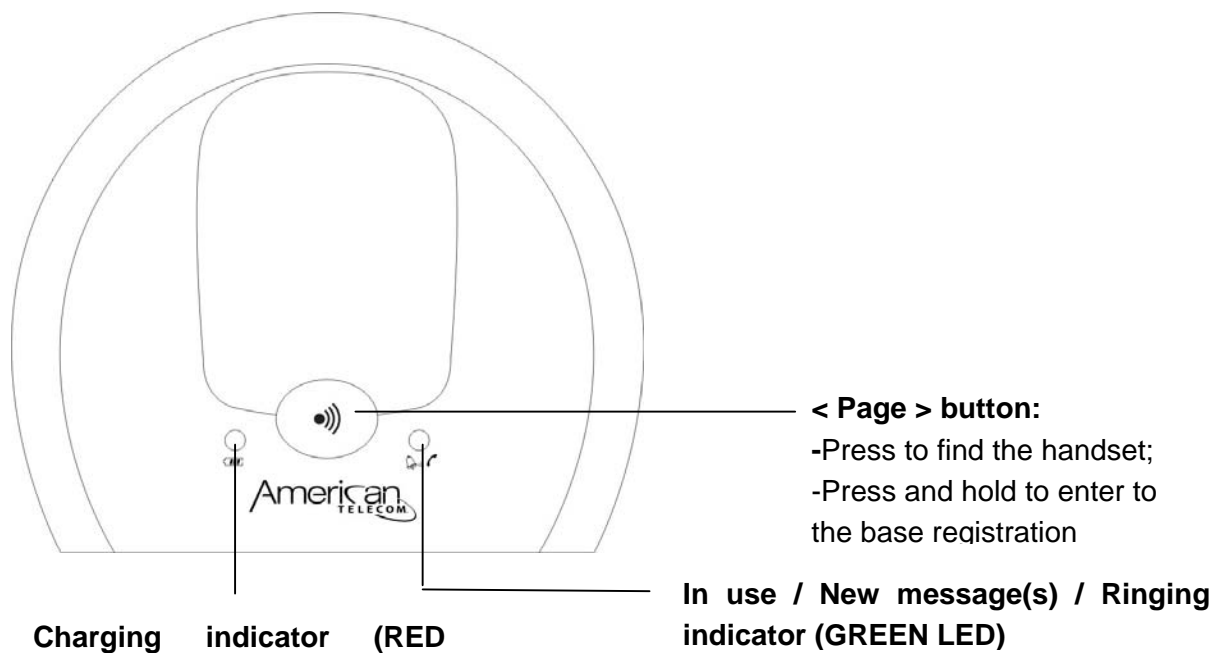
Installation

1. Choose a suitable site for the base unit, make sure it is not near another telephone or other electrical equipment.

Telephone Line socket

AC adaptor socket

2. Connect the AC adapter socket to the Base Unit and to the power outlet.

3. Connect the telephone line to the Base Unit and to the telephone outlet.

4. Fitting the battery in the handset:
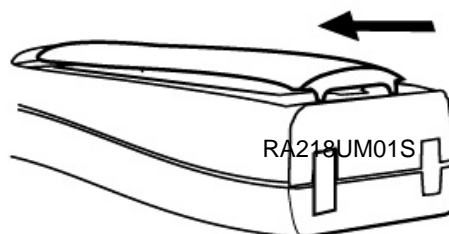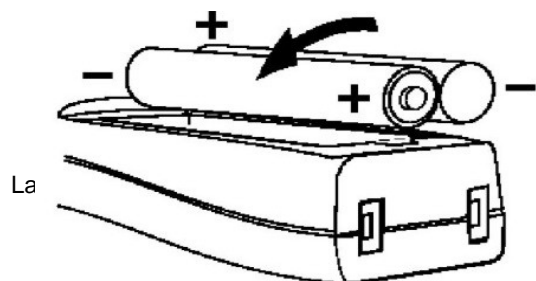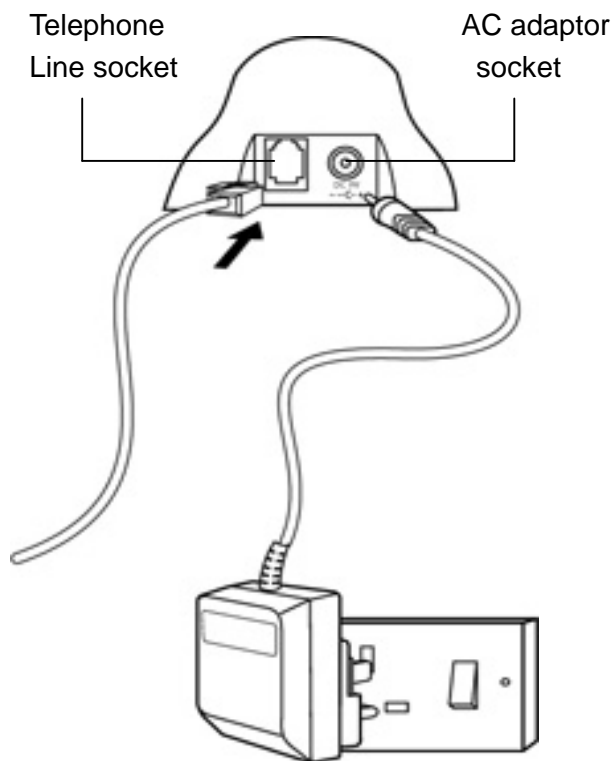
Two rechargeable batteries come with each handset.
- Insert the rechargeable batteries into the handset as the above figure indicated, matching correct polarity (+, -)
- Fit the battery compartment cover by sliding it down so that it clicks firmly into place.

NOTE: Reversing the orientation may damage the handset. Please use the battery type supplied or recommended equivalents. A different battery could cause an explosion or damage your phone. American Telecom is not responsible for damage caused by improper use of batteries or insertion of any batteries other than those supplied with this telephone.

Charging the Handset Batteries

Before using the handset, charge the handset batteries for at least 12 hours.
Whenever you see that the battery icon on the LCD screen appears nearly empty, or you have heard the low battery warning tone during a call conversation, please:

- End the call as soon as possible.
- Don't use the speakerphone mode since this may cause the handset to power off.
- Put the handset into the charging cradle until the battery icon returns to high level.

To charge the handset, put the handset into the base cradle. The charging LED on base unit will come on to indicate that the handset is in "Charge" mode, and the "Battery" icon in the LCD screen of the handset will be flashing.

Battery Level Indication

After the handset battery is fully charged, the battery icon ▭ will display on the LCD screen. According to the actual battery capacity the battery icon will be updated accordingly such as ▭ = MID, ▭ = LOW. If the battery icon ▭ is flashing, you will need to put the handset into the cradle for charging.

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Basic Functions

Make an Outgoing Call

- Press ☎ key or ◁ key to get dial tone
- Dial your number
  You can also make an outgoing call using pre-dial mode.
- Pre-dial your number, then press the ☎ or ◁ key. The pre-dialed number will be dialed out automatically.
  In addition, you can search the desired number from the Caller ID list, redial list or phonebook, then press ☎ or ◁ key and the selected number will be called out automatically.

Answering an Incoming Call

When an external call is incoming, the handset will ring with the selected ring tone and the "Phone" icon (will flash on the LCD screen.

-Press ☎ key;

-Or press the ◁ key (This will enable the speakerphone function)
During a call conversation, you can adjust the talk volume (1 ~ 5 levels) by simply pressing the ⊕ or ⊗ key, the volume level will show on the display for about 5 seconds. Your RA218 phone uses two separate volume adjustments for each of the handset and speakerphone modes.

End a Call

-Press the ☎ key

-Or simply put the handset into the cradle, your phone will hang up automatically (Auto standby feature)
The talk duration time will show for about 5 seconds.
Note: If you are in the middle of a conversation, press the ◁ key to enable / disable the speakerphone mode; it will not end the call..

Cancel an Incoming Call

When a call is incoming, and you do not want to answer, press the 🄲 key to cancel the incoming call and to stop the ringing.

Mute

- During a call conversation, you can mute your voice by pressing the 🄲 key, the LCD screen will display the ⊠ icon. You can talk freely without be heard by the other party. However,   you will still be able to hear the other party.
- To deactivate the mute function, press 🄲 again.

Redial the Last Number

Press the 🔁 key and the LCD will display the last dialed number. Then press the 📞 or the 🔊 key and the last number will be dialed out.

Dial one of the Last 10 Dialed Numbers

The RA218 can save the last 10 dialed numbers. To redial any one of them, press the 🔁 key then the 🔁 or the 🔽 keys to scroll through to the list of previously dialed numbers until you have chosen the number that you wish to call. Press the 📞 or the 🔊 key and the selected number will be dialed.

Delete a Number from the List of Previously Dialed Numbers
- Enter the redial list and press the 🔁 key
- Scroll through the previously dialed number list until you find the number that you want to delete and then press the ⒪ᴋ key.
- Select **DELETE** and confirm
- The number is deleted with the confirmation tone, and the display is returned to the redial list review mode. You can repeat the above steps to delete the other numbers.

Delete all Previously Dialed Numbers

- Enter the redial list and press the ⬆️ key

- Select any number from the list and press the ⏹ key

- Select **DEL ALL** and confirm
- All numbers in the list are deleted with a confirmation tone, and the display returns to standby mode.

Handset Power On / Off

To power off the handset

Press and hold the ⏹ key for about 3 seconds, the handset display will switch off.

To power on the handset

- Press the ⏹ key

- Simply put the handset into the cradle for charging. The handset will power on automatically and show **INITIALIZE** on the display before returning to standby mode.

Ring On/Off Shortcut Feature

In Standby mode, press and hold the * key for 3 seconds to disable the ring function, **RING OFF** will be displayed. The ring volume will be set to **VOLUME 0** with the 🔔 icon shown.

To restore the ring feature, press and hold the * key for 3 seconds again, **RING ON** will be displayed. The 🔔 icon will disappear, and the ring feature will be restored to the last ring mode setting.

LDS key

The green LDS button is used for making long distance calls, activating and recharging Pay N' Talk service and speaking with customer service.
To dial long distance:
- Press **LDS** key to access Pay N' Talk Long Distance Service.   LDS will appear on the display, then after a short pause, you will be connected to IDT long distance service.

- Follow the voice menu prompts.   Alternatively, pressing **Talk**, then **LDS** will also connect to IDT long distance service.

Keypad Lock

You can lock the keypad to prevent dialling a number accidentally.   When the keypad is locked, only the **UNLOCK** operation is allowed, all other keys are locked.   Note that your RA218 phone still allows you to make an emergency call or answer an incoming call while you are in the locked mode,

- Press and hold the **#** key for 3 seconds while in standby mode, the LCD display will show the ⊶ icon, which means that the keypad is locked. Press any keys except the ⊙ᴷᴰ key the LCD will show. **PRESS OK +** *.

- To unlock the locked keypad, press the ⊙ᴷᴰkey and then press the * key, the icon ⊶ will disappear, which means the keypad is unlocked**.**

Finding a Lost Handset(s)

This feature is useful if you cannot remember where you put your handset(s). Page the handsets and the fixed melody ringer will ring for 60 seconds.

- Press **Page** key on the base while in standby mode
- The handset(s) registered to this base will sound the paging tone with **PAGING** shown on the display
- Press any key on the handset. Press the **Page** key on the base, or put the handset into the cradle to terminate the paging call.

Caller ID Feature

Your RA218 phone has the ability to receive and display Caller ID information. Please note that you have to subscribe to the Caller ID service with your phone company for this function to work correctly. The Caller ID information will include the following items:

- The calling name (max. 8 characters) if it is sent by the network

- The calling number (max. 22 digits)

- The date and time that Caller ID information is received

Note: The Caller ID entries are stored in the handset. Deletion of Caller ID entries on one handset applies only to that handset and does not affect the other handsets registered to the same base unit. The display may show a special network message as follows:

Message	Meanings
WITHHELD	The caller has blocked their number
UNAVAILABLE	The caller's number is out of the network area and is unavailable

Note: The special network messages will be displayed when receiving only. They will not be saved into the Caller ID list.

Call Waiting

If you have subscribed to both Caller ID and Call waiting services, you can answer an incoming call while you are on a current call. While on your present call, you will hear a call waiting tone and you will see the caller's name on your phone screen (if available). A number will be displayed to notify you that another call is waiting.

- If you receive a call waiting tone during a call, press and hold the **INT** key, the first call will be put on hold, and then you can answer the second call. To switch between the two calls, press and hold **INT** again.
- If you decide not to answer the waiting call, the caller's details (if available) will be saved into the Caller ID list, and may be reviewed at a later time.

Caller ID list

Your RA218 phone can save information on the 20 most recent incoming Caller ID messages. Each Caller ID entry can contain the calling name with a maximum of 8 characters and the calling number with a maximum of 22 digits. When the Caller ID list is full, a new Caller ID entry will replace the oldest listing.

View the Caller ID list

- To access the Caller ID list, press the 🔽 key. The last Caller ID message received will be displayed.

- Scroll through the different Caller ID entries using the 🔼 or the 🔽 keys. If an external call was not answered, the 🔒 icon will flash until you view the Caller ID entry. The old Caller ID entries will be marked with a steady, non flashing 🔒 icon.

- View the details of each Caller ID entry by pressing the OK key. The calling number will be displayed, then press the OK key again and the date and time will be displayed.

- Press the OK key again and an option menu will be displayed that includes **SAVE TO PB**, **DELETE** and **DEL ALL**. Scroll through the different options using

the ⊕ or ⊕ keys

Save a Caller ID Entry into Phonebook

- To access the Caller ID list, press the ⊕ key
- Scroll through the Caller ID list to the entry that you want to save
- Select **SAVE TO PB** and confirm

- Confirm the phonebook name, press the ⊙key

- Confirm the phonebook number, press the ⊙key

Delete a Caller ID Entry

- Scroll through the Caller ID list to the entry that you want to delete
- Select **DELETE** and confirm
- The Caller ID entry is deleted with a confirmation tone, and the display returns to the Caller ID review mode

Delete all Caller ID Entries

- Select any Caller ID entry
- Select **DEL ALL** and confirm
- All Caller ID entries will be deleted and a confirmation tone will sound. The display will return to standby mode

Call back a Caller ID Entry

- To enter the Caller ID list, press the ⊕ key
- Scroll through the Caller ID to the entry that you want to call back

- Simply press the ⊘ or the ⊕ key and the Caller ID entry will be dialed out, even if you are in the number or the date and time review mode

Phonebook

Your handset can store up to 40 phonebook entries. You can manually enter the name (maximum 8 characters) and the number (maximum18 digits), or copy them from the Caller ID list. If a calling number / or redial number matches with a phone number in phonebook, the name match feature will be implemented and it will show the phonebook name.

Note: Name match feature will be implemented if matched with the last six digits only.

View the Phonebook Entry.

- Press the (OK) key

- Select **VIEW** and confirm

- View the saved entries by using the (up) or (down) keys, if there is no entry saved, **EMPTY** will be displayed with a warning tone.

- With the desired entry displayed, press (OK) to view the number for this entry.

  Press (OK) again to go back to the name.

Note: When viewing a name or a number, simply press (call) or (speaker) key to call.

Add a New Entry into Phonebook

- Press the (OK) key

- Select **ADD ENTRY** and confirm
- **NAME?** will be displayed, enter the name and confirm.
- **NUMBER?** will be displayed, enter the number and confirm.

Repeat the above steps to save other phonebook entries, if phonebook is full and you try to save an entry again, **MEM FULL** will be displayed with a warning tone.

Edit an Entry in Phonebook.

- Press the (OK) key

- Select **EDIT** and confirm

- Scroll to the name that you want to edit by using the (up) or (down) keys and confirm

- Edit the new name and confirm
- Edit the new number and confirm

The Alphanumeric Keypad is as Follows

Key	X1	X2	X3	X4	X5
1	Space	-	1		
2	A	B	C	2	
3	D	E	F	3	
4	G	H	I	4	
5	J	K	L	5	
6	M	N	O	6	
7	P	Q	R	S	7
8	T	U	V	8	
9	W	X	Y	Z	9
0	0				

Add a Pause In a Number

Some phone systems may require you to dial a number to get an outside line. It may take a few seconds to connect, requiring a pause in the dialing sequence.
At the number entry mode, press and hold the ◁) key for 3 seconds to add a Pause which is shown as **P**.   This will be counted as one digit space.
NoteThe default pause time is 3 seconds.

Delete a Phonebook Entry

- Press the ᴼᴷ key

- Select **DELETE** and confirm

- Scroll through the name that you want to delete by using the 🔼 or 🔽 keys and confirm

- **CONFIRM?** will be displayed, press the ᴼᴷ key to confirm

Delete all Phonebook Entries

- Press the ᴼᴷ key

- Select **DEL ALL** and confirm

- **CONFIRM?** will be displayed, press the ᴼᴷ key to confirm

- All entries in the phonebook will be deleted, and the display will return to the standby mode.

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Menu Structure

The RA218 provides a user-friendly menu to let you perform a wide range of phone settings.

- To access the menu, press the (OK) key.

- Scroll through a menu option using the (up) or (down) keys, the option menu will scroll in a loop (you will return to the first option with the warning tone after the last option).

- To confirm an option, press the (OK) key.

- To return to the previous submenu, press the (C) key. Press and hold the same key to escape from the current menu and return the display to the standby mode.

- At character/number entry mode, press the (C) key to delete the last entry. Pressing and holding the same key, allows you to delete the whole row.

Main menu	VMAIL	GO VMAIL	PLAY MSG	
			PLAY MEMO	
			REC MEMO	
			PLAY OGM	
			REC OGM	
			PLAY OGA	
			REC OGA	
		DELETE ALL		
		SET VMAIL	VM ON/OFF	
			ANS MODE	
			RING DELAY	
			REMOTE PIN	
			RESET VM	

OGM = Outgoing Message

OGA = Outgoing Announcement

	HANDSET	MELODY	EXT RING	Melody1 ~ Melody 12
			INT RING	Melody1 ~ Melody 12
			ALARM	Melody1 ~ Melody 12
		VOLUME	Volume off, 1 to 4	
		TONE	KEY TONE	
			LOW BAT	
		HS NAME		
		LOCAL CODE		
		TIME		
		ALARM		
	BASE	DIAL MODE	TONE	
			PLUSE	
		FLASH TIME	600MS	
			100MS	
			300MS	
		BS UNSUB		

	REGISTER			
	LANGUAGE	ENGLISH		
		ITALIANO		
		FRANCAIS		
		ESPANOL		

Telephone Answering Machine (VOICEMAIL) System

Your RA218 has the following general features:
- Total recording time: 12 minutes.
- Maximum message length: 1 minute for incoming message and memo message, 30 seconds for Outgoing Message and Outgoing Announcement.
- Volume control: 5 levels for earpiece and speakerphone modes.
- New message indication: If VOICEMAIL has recorded a new INCOMING MESSAGE(S), the in use LED on base will flash, "NEW MSG #" will display on screen
- If multiple handsets are registered, only one handset is allowed to access the VOICEMAIL system, if a second handset tries to access the VOICEMAIL, "BUSY" will display on screen.

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Listening to your Incoming Message

You can access VOICEMAIL system from the handset to operate your Telephone Answering Machine system (VOICEMAIL).

Messages will be played in the speakerphone mode (default setting), by pressing the SPK ◁ key once you can still switch to earpiece mode and you can change the volume by pressing the △ or ▽ keys.

- Enter menu, press the (OK⊡) key

- Select **VOICEMAIL** and confirm
- Select **ACCESS VOICEMAIL** and confirm
- Select **PLAY MESSAGE** and confirm
- VOICEMAIL starts to play the recorded Incoming Message(s) in the speakerphone mode (default setting). The messages will play from newest to oldest, then stop. If there are no messages recorded, "NO MSG" will appear once on the screen.
- When playing messages, control the VOICEMAIL system with the keypad.
- Press the **Digit 4** / **RWD** key to play the previous message. If it is currently on message 1, message 1 will be repeated.
- Press **Digit 6** / **FWD** key to play the next message, the playing will be stopped if it is currently on the last message.

- Press **C** key or **Digit 2** / **STOP** to stop the message playback. Press the (OK⊡) key or **Digit 5 / PLAY** to play the message again.
- When playing message, press the **Digit 8** / **DELETE** key to delete the current playing message.

Playing MEMO Message

- Enter menu, press the (OK⊡) key

- Select **VOICEMAIL** and confirm
- Select **ACCESS VOICEMAIL** and confirm
- Select **PLAY MEMO** and confirm
- VMAIL starts to play the recorded MEMO message in the speakerphone mode (default setting), if there is no MEMO message recorded, "NO MSG" will display on screen.
- When playing messages, you can press the **C** key or **Digit 2** / **STOP** to stop the message playback.

- Press the (OK⊡) key or **Digit 5 / PLAY** to play the message again.

- When playing messages, press the **Digit 8** / **DELETE** key to delete the current

playing message.

Recording MEMO Message

- Enter menu, press the (OK) key

- Select **VOICEMAIL** and confirm
- Select **ACCESS VOICEMAIL** and confirm
- Select **REC MEMO** and confirm
- You will be prompted to leave your MEMO message with "RECORDING" displayed on screen, and the timer will start to count the recording time. Note that "MEM FULL" will be displayed if MEMO is already recorded (there is only room enough to record a single MEMO).
- Press the **C** key or **Digit 2 / STOP** to stop your recording, if you do not stop your recording before the maximum recording time (1 minute) has been reached, the recording will be stopped automatically and then re-play.

Playing Outgoing Message

- Enter menu, press (OK) key

- Select **VOICEMAIL** and confirm
- Select **ACCESS VOICEMAIL** and confirm
- Select **PLAY OUTGOING MESSAGE** and confirm
- VOICEMAIL starts to play your own Outgoing Message in the speakerphone mode (default setting)
- When playing message, you can press the **C** key or **Digit 2** / **STOP** to stop the message playing.

- Press the (OK) key or **Digit 5 / PLAY** to play the message again.

Note: When playing Outgoing Message, pressing the **Digit 8** / **DELETE** key will not delete the playing Outgoing Message, it can only be replaced with the new Outgoing message. However, Outgoing Message will be replaced with the default Outgoing Message after resetting VOICEMAIL.

Recording Your Own Outgoing Message

Your RA218 has a pre-recorded Outgoing Message (Default setting), however you can also record your own Outgoing Message which will play to the incoming caller.

- Enter menu, press the (OK) key

- Select **VOICEMAIL** and confirm
- Select **ACCESS VOICEMAIL** and confirm
- Select **REC OUTGOING MESSAGE** and confirm

- You will be prompted to leave your Outgoing Message with "RECORDING" displayed on screen, and the timer will start to count the recording time.
- Press the **C** key or **Digit 2 / STOP** to stop your recording. If you do not stop your recording before the maximum recording time (30 seconds) has been reached, the recording will be stopped automatically and then re-played.

Playing Outgoing Announcement

- Enter menu, press the (OK⊡) key

- Select **VOICEMAIL** and confirm
- Select **ACCESS VOICEMAIL** and confirm
- Select **PLAY OUTGOING ANNOUNCEMENT** and confirm
- VMAIL starts to play your own Outgoing Announcement message in speakerphone mode (default setting)
- When playing a message, you can press the **C** key or **Digit 2** / **STOP** to stop the message playing.

- Press the (OK⊡) key or **Digit 5 / PLAY** to play the message again.

Note: When playing Outgoing Announcement messages, pressing **Digit 8** / **DELETE** key will not delete the playing Outgoing Announcement message. It can only be replaced with the new Outgoing Announcement message. However, Outgoing Announcements will be replaced with the default Outgoing Announcement after resetting VMAIL.

Recording Your Own Outgoing Announcement

Your RA218 has a pre-recorded Outgoing Announcement message (Default setting); however you can also record your own Outgoing Announcement message which will play to the incoming caller.

- Enter menu, press the (OK⊡) key

- Select **VOICEMAIL** and confirm
- Select **ACCESS VOICEMAIL** and confirm
- Select **REC OUTGOING ANNOUNCEMENT** and confirm
- You will be prompted to leave your Outgoing Announcement message with "RECORDING" displayed on screen, and the timer will start to count the recording time.
- Press the **C** key or **Digit 2 / STOP** to stop your recording. If you do not stop your recording before the maximum recording time (30 seconds) has been reached, the recording will be stopped automatically and then re-played.

Delete all INCOMING MESSAGE and MEMO Messages

"DELETE ALL" operation will allow you to delete all of the recorded messages for INCOMING MESSAGE and MEMO at once.

- Enter menu, press the ⌨OK key

- Select **VOICEMAIL** and confirm
- Select **DELETE ALL** and confirm

- **CONFIRM ?** will be displayed, press the ⌨OK key to confirm

- All of the recorded INCOMING MESSAGE and MEMO messages are deleted
- "**NEW MSG #**" will be displayed once with the warning tone, this means that the "DELETE ALL" operation cannot be performed if there are still new INCOMING MESSAGES.

Note: The "DELETE ALL" operation will not affect any OUTGOING MESSAGE and OUTGOING ANNOUNCEMENT messages that you recorded.   Both OUTGOING MESSAGE and OUTGOING ANNOUNCEMENT messages cannot be deleted.

Switching VOICEMAIL ON/OFF

- Enter menu, press the ⌨OK key

- Select **VOICEMAIL** and confirm
- Select **SET VOICEMAIL** and confirm
- Select **VOICEMAIL ON/OFF** and confirm
- Select **ON** and confirm, VOICEMAIL is switched to ON, the ꝏ icon will be displayed.   Select **OFF** and confirm. The VOICEMAIL will be switched to OFF, and the ꝏ icon will disappear.

Note: If the VOICEMAIL SWITCH is set to OFF mode, the user still can access the VOICEMAIL system by entering the correct remote access code after 10 rings, but it will not allow callers to leave INCOMING MESSAGE messages.

Changing the Answering Mode

- Enter menu, press the ⌨OK key

- Select **VOICEMAIL** and confirm
- Select **SET VOICEMAIL** and confirm
- Select **ANSWERING MODE** and confirm
- Select **ANSWER INCOMING MESSAGE** and confirm.   VOICEMAIL will answer the incoming call after the selected number of rings.   Then it will announce the

OUTGOING MESSAGE and allow the caller to record INCOMING MESSAGE message.

- Select **ANSWER ANNOUNCEMENT** and confirm. VOICEMAIL will answer the incoming call after the selected number of rings. It will then announce the OUTGOING ANNOUNCEMENT, but will not allow recording of an INCOMING MESSAGE.

Note: If the memory is full, the answer mode will be changed automatically from ANSWER INCOMING MESSAGE to ANSWER ANNOUNCEMENT, and this mode will not return to ANNOUNCEMENT INCOMING MESSAGE mode until you have deleted some recorded message(s).

Selecting the Number of Rings

You can select the number of rings before VMAIL answers the incoming call. The options are TOLL SAVE, 2 ~ 9.

- Enter menu, press the ⌨ key

- Select **VOICEMAIL** and confirm
- Select **SET VOICEMAIL** and confirm
- Select **RING DELAY** and confirm
- Select the number of rings and confirm

Note: If the TOLL SAVE mode is selected and you have new message(s), VOICEMAIL will answer the incoming call after two rings.   Otherwise, VOICEMAIL will answer the incoming call after four rings.

Modifying Remote Access Pin Code

The remote access feature allows you to access your VMAIL from another touch tone phone. You must enter the correct pin code to access the VMAIL. The default setting of the remote pin is **123**. You can modify this pin code.

- Enter menu, press the ⌨ key

- Select **VOICEMAIL** and confirm
- Select **SET VOICEMAIL** and confirm
- Select **REMOTE PIN** and confirm
- The **OLD PIN** will be displayed. Input the old pin code that you previously. Press the ⌨ key to confirm.   **A NEW PIN** will be displayed. Input the new pin code that you want and press the ⌨ key to confirm.

Note: If you forget the remote access pin code or are entering the incorrect pin code, the system will not allow you to modify it.   However, the pin code will return to the default setting after resetting VOICEMAIL. The default setting of the remote pin code is 123.

Reset your VOICEMAIL system

- Enter menu, press the ⓄⓀ⬤ key

- Select **VOICEMAIL** and confirm
- Select **SET VOICEMAIL** and confirm
- Select **RESET VOICEMAIL** and confirm

- **CONFIRM ?** will be displayed, press the ⓄⓀ⬤ key to confirm

Important note: If you reset your VOICEMAIL system, the following items will be reset to the default settings

Items of submenu	Factory shipment setting
Play Message (Recorded INCOMING MESSAGE)	Empty
Play MEMO (Recorded MEMO)	Empty
Outgoing Message	Default setting
Outgoing Announcement	Default setting
VOICEMAIL ON/OFF	ON
ANSWERING MODE	ANSWER INCOMING MESSAGE
RING DELAY	TOLL SAVE
REMOTE PIN	123

Incoming Message Recording

When a call is incoming with VOICEMAIL ON, VOICEMAIL will answer the incoming call after the set number of rings. "ANSWER ON" will be displayed on the LCD screen, and VOICEMAIL will play OUTGOING MESSAGE and the ready tone to the incoming caller.

After the caller leaves a message and hangs up, or records a message to the maximum message length, VOICEMAIL will play the stop tone, and then return to idle mode. The In use/LED on the base will flash and "NEW MESSAGE #" will be displayed.

During INCOMING MESSAGE recording period with "ANSWER ON" shown on

handset, the user can decide whether to take the call by either pressing 📞 key or

🔊 key.

Note: Call screening feature is not available on RA218 model.

If the memory is full, even if it is less than 30 seconds; answer mode is changed automatically to ANSWER ANNOUNCEMENT mode.   That means the incoming call will be answered, but cannot record the INCOMING MESSAGE.   "MEM FULL" will be displayed while in standby mode.

Remote access VOICEMAIL from Other Touch Tone Telephone

When calling the RA218 from another touch-tone telephone, VOICEMAIL will answer the incoming call after the designated number of rings.   "ANSWER ON" will be displayed on the LCD screen, and VOICEMAIL will play the OUTGOING MESSAGE and the ready tone to the incoming caller.   If the memory is FULL, VOICEMAIL will answer the incoming call after the designated number of rings, but VOICEMAIL will play OUTGOING ANNOUNCEMENT to the incoming caller, then disconnects after 10 seconds.

While the OUTGOING MESSAGE or OUTGOING ANNOUNCEMENT is playing, pressing the * key once will bypass the OUTGOING MESSAGE or OUTGOING ANNOUNCEMENT message.   Then user can enter the remote access code (the timeout is 10 seconds).

After the correct remote access code is entered, VOICEMAIL will automatically play the new INCOMING MESSAGE message(s).   VOICEMAIL will not play the old messages automatically if there are no new INCOMING MESSAGE messages.

If the user has entered the incorrect remote code, VMAIL will play the OUTGOING MESSAGE or the OUTGOING ANNOUNCEMENT message again.   The VOICEMAIL system gives 3 chances for the user to enter the correct remote access code.   After three failed attempts, VOICEMAIL will reject the incoming caller and drop the line.

After the user has successfully accessed the VOICEMAIL system, the following remote control commands are available:

Press <**Digit 2**> to stop playing
Press <**Digit 4**> to play the previous message
Press <**Digit 5**> to play the message
Press <**Digit 6**> to play the next message
Press <**Digit 8**> to delete the currently playing message

Press <**Digit 0**> to play the MEMO message

Press <**Digit #**> once to switch VOICEMAIL to ON, it will confirm that it is ON by playing a single beep. Press the <Digit #> key again to switch VOICEMAIL to OFF. It will confirm with dual beeps.

Melody Ring Setting for EXTERNAL, INTERNAL and ALARM

Under the **MELODY** submenu, you can select one of 12 melody ringers for external call, internal call and alarm.

- Enter menu, press the ⓄⓀ⊞ key

- Select **HANDSET** and confirm
- Select **MELODY** and confirm
- Select **EXT RING**, **INT RING** or **ALARM** and confirm
- Select your desired melody ringer and confirm.

Handset Ring Volume Setting

You can adjust the ring volume for external and internal calls.

- Enter menu, press the ⓄⓀ⊞ key

- Select **HANDSET** and confirm
- Select **VOLUME** and confirm
- Select the desired volume (Volume 0 and 1 ~ 4) and confirm

Note: If the ring volume is set to **VOLUME 0**, you will not be alerted by the ring signal when an external / internal call is incoming, but it will not affect your page and alarm functions.

Key Tone Setting

Your handset can be set to sound a key tone when the keys are pressed.

- Enter menu, press the ⓄⓀ⊞ key

- Select **HANDSET** and confirm

- Select **TONE** and confirm

- Select **KEY TONE** and confirm

- Select **ON** to enable or **OFF** to disable and confirm.

Low Battery Warning Tone Setting

You can enable or disable the low battery warning feature when your handset detects that its battery is low during a call.

- Enter menu, press the $\boxed{OK}$ key

- Select **HANDSET** and confirm
- Select **TONE** and confirm
- Select **LOW BAT** and confirm
- Select **ON** to enable or **OFF** to disable the feature and confirm.

Note: The low battery warning tone will sound every 20 seconds and the low battery icon ▭ blinks after your handset detects the low battery during a call. In standby mode, only the low battery ▭ icon will blink.

Out of Range Indication

If your phone has registered and is in range of the base, the ▽ icon on the LCD screen will display steadily.   When your handset goes out of range, the communication link will be lost temporarily.   **BS SEARCH** will show on the display and the ▽ icon will flash. If you go back in range, the communication link will be restored and the ▽ icon will display steadily.

Note: Your call will drop without any audible warning tone if you move out of range during a call.

Handset Name Setting

This feature allows you to modify your handset name on the display (max. length 8 characters)
- Enter menu
- Select **HANDSET** and confirm
- Select **HS NAME** and confirm
- Enter your desired name and confirm.

Note: The default handset name is **HANDSET**.

Local Code Setting

This feature can hide the area code that you specify, so when a local call is incoming, you will only see the 7-digit telephone number without the area code.
- Enter menu
- Select **HANDSET** and confirm
- Select **LOCAL CODE** and confirm
- Enter your local code and confirm.

Note: If this feature is not applicable for you, do not enter any digit(s) in this setting because it will affect your Caller ID/Call Waiting information display.

Date & Time Setting

The date and time on your handset can be synchronized with your local date and time if you are subscribed to Caller ID service with your telephone company. However, your handset also allows you to manually set the date and time in case of a power outage (the date and time will be reset to the default value 00:00 1/1).

- Enter menu
- Select **HANDSET** and confirm
- Select **TIME** and confirm
- Enter the current date and time, then confirm.

Alarm Setting

The alarm feature can alert you at a set time. You can also select the melody ringer for the alarm under the **MELODY** submenu. When the alarm goes off, your handset will ring for 30 seconds using the middle volume level with your selected melody. To stop the alarm, simply press any key on the handset.

- Enter menu
- Select **HANDSET** and confirm
- Select **ALARM** and confirm
- Select **ON** to enable or **OFF** to disable the alarm
- Enter the time and confirm.

Note: Once enabled, the alarm will only ring once. If you want to be alerted every day, repeat the above steps every day.

Dial Mode Setting

- Enter menu
- Select **BASE** and confirm
- Select **DIAL MODE** and confirm
- Select **TONE** or **PULSE** and confirm

Note: If you selected the pulse dialing, during an active call, you can still switch to the tone dialing mode temporarily by simply pressing the * key once. After hanging up, the dial mode will return to the pulse mode. (Temporary tone dialing feature)

Flash Time Setting

- Enter menu
- Select **BASE** and confirm
- Select **FLASH TIME** and confirm
- Select your desired flash time and confirm

Unsubscribe a Handset

- Enter menu
- Select **BASE** and confirm
- Select **BS UNSUB** and confirm

- **CONFIRM?** will be displayed, press the ⌨️ key to confirm

Note: You can only clear the handset that you are using. Repeat the above steps for each handset to remove other handsets that are registered with the base.

Unsubscribe all handsets registered

- In standby mode, Press and hold the **Page** key to enter the base's registration mode until the "In use" LED is ON
- Press and hold the **Page** key again until the "In use" LED is OFF
- All handsets registered to this base are cleared.

Language Display Setting

You can select the applicable language from 4 languages in the menu provided that includes English, Spanish, etc.
- Enter menu
- Select **LANGUAGE** and confirm
- Select your desired language and confirm

Registration

The handset and base will be pre-registered with a digital security code identification, which is stored in the phone's memory, so that your phone will be ready to work right out of the box. However, your phone also has a procedure to allow you to re-register in case the link is lost accidentally.

- Enter menu, press the ⓄⓀ key

- Select **REGISTER** and confirm
- **PIN CODE** will be displayed, enter the PIN code (the default value is 0000) and confirm.
- **SEARCHING** will be displayed while your handset is in registration mode
- Press and hold the **Page** key for 3 seconds on the base until the "In use" LED is ON, putting the base in registration mode
- **SUCCESS** will be displayed. This means the handset has located the base, and will get a handset number from the base that displays after the handset name for internal calling.
- If the handset does not locate the base, **FAILED** will be displayed and it will return to the non-located display mode that displays **BS SEARCH** with the antenna icon flash. Try again and check that you are not in an environment with interference.

Note: Your base can register up to four handsets. If you have more than one handset, repeat the above steps to register each new handset.

Intercom between Handsets

- From one handset, press the ⓘⓃⓉ key, then the handset number that you want to call.
- The internally called handset will ring.

- To answer the intercom call, press 📞 or the 🔊 key on the called party handset.

- End the intercom call, press the 📞 or put your handset into the base cradle, the other handset will hang up automatically.

Note: After the intercom call is established between two handsets, the third handset can still make or answer a call to the external line.

Call transfer between Handsets

You can transfer an external call from one handset to another handset.

- During an external call, press the (INT) key and the corresponding handset number that you want to transfer.
- The external call is put on hold and the internally called handset rings
- After the internally called handset has answered, hang up your handset to complete the call transfer.

Note: If the called handset does not answer the internal call, press the (INT) key to return to the external call again.

Incoming Call

When you are on an external call, you can invite another internal handset to join your conversation; incoming call can be performed with the following procedure.

- During a call, press the (INT) key and the corresponding handset number that you want to call.
- The external call is put on hold and the internally called handset rings
- After the internally called handset has answered, you can talk with the internally called party (the external call will remain on hold).
- You can switch to the active call by pressing the (INT) key repeatedly between the external line and the internally called party.

Conference Call

When you are on an external call, you can invite another internal handset to join your conversation.   A 3-way conference can be established with the following procedure.

- During a call, press the (INT) key and the corresponding handset number that you want to call
- The external call is put on hold and the internally called handset rings
- After the internally called handset has answered, you can press and hold **Digit # / CONF** key for about 2 seconds to activate 3-way conference call
- During a conference call, either handset may hang up, and it will not affect the conversation between another handset and the external call.

Ring back Call

This ring back call will sound on an internal handset that transferred a call if the transferred call is not answered within 30 seconds. If there is no Caller ID information available, **RING BACK** will be displayed, otherwise the normal Caller ID information will display again. If the transferred call is not answered within 30 seconds, the external call will hang up automatically.

Specification

Standard	DECT (Digital Enhanced Cordless Telecommunications)
Frequency	1.92-1.93GHz
Channel Bandwidth	1.728 MHz
Modulation type	GFSK
Caller ID / Caller ID Call Waithing type	FSK Caller ID type i / ii + DTMF
Dialing mode	Tone (DTMF) / Pulse
Transmission speed	1.152 Mbps (Baud rate)
Duplexing	Time Division Duplex (TDD)
Speech encoding	ADPCM / 32kbit/s
RF Accessing	Time Division Multiple Access (TDMA)
RF Channel	5 TDMA channel
Coverage range	50m indoor; 300m in open space
Base Power Supply	AC/DC adaptor: PRI 120Vac; SEC 7.5Vdc 300mA
Handset Power Supply	Ni-MH Rechargeable battery: 1.2V/ 600mAh (2 x 1.2 AAA)
Charge Time initially	12 hours
Operation time	100 hours in standby; 10 hours in talk
Normal condition of use	$0\,^{\circ}$ C to $40\,^{\circ}$ C
Storage Temperature	$-20\,^{\circ}$ C to $60\,^{\circ}$ C

Customer Service Contact Information

IDT Customer Services can be contacted by calling 1-888-757-6545,
7 days a week, 24hrs a day.

If you believe your phone is defective or missing components, please contact ATS
Customer Service at 1-888-928-7746, Monday – Friday, 8 a.m. to 5 p.m. PST.