User Manual

For the

American Telecom Digital Cordless Phone

This user manual is for all models with model numbers

beginning with RA216

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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 bath tub, 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 to the socket-outlet that is near to the equipment.

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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Introduction

Thank you for your choice of an ATS digital cordless phone.

RA216 is a DECT (Digital Enhanced Cordless Telecommunications) phone with high quality and useful functions. Along with high quality audio and security offered from the digital technology, RA216 offers many useful features including caller ID, call waiting, alphabetical phonebook, handsfree speakerphone, multi-handset capabilities and auto answering feature. All the features are accessible through an easy to use menu. Please read this instruction carefully before using your new RA216 phone for the first time.

Please check your package that included the following items:
- Base Unit
- Hand Set (x1)
- AC / DC adaptor for Base Unit
- Telephone line for Base Unit
- Two handset batteries
- User manual

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 **RA216XXX** 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 in 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 the instructions for repairing if any (e.g. battery replacement section); otherwise do not alternate or repair any parts of the device except specified.

i) Connection to a 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 *RA216XXX* 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 the telephone company reports, AC electrical surges, typically resulting from lightning strikes, are very destructive to the telephone equipment connected to AC power sources. To minimize damage from these types of surges, a surge arrestor is recommended

Precautions

- Read the manual before using the phone.

- Avoid direct exposure to sun and heat, as well as 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 the 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.
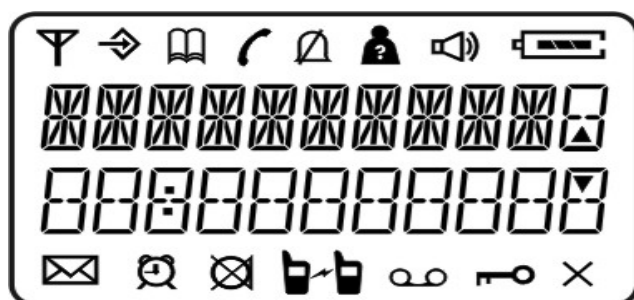
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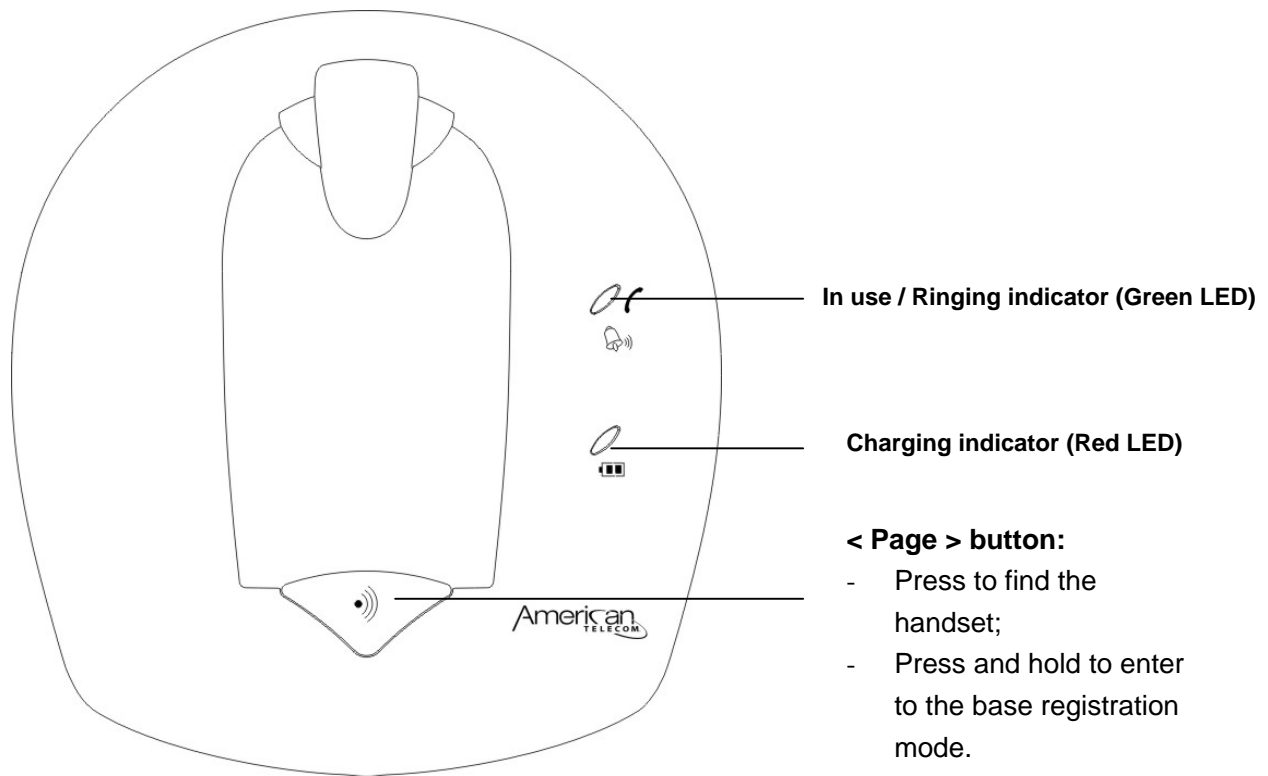
A quick guide for the handset

Earpiece

Menu / OK / Power key
- Press to access the program menu
- Press to confirm a selection during menu operation
- Press and hold to switch

LCD display
(See page 6)
- Press to enter into LDS mode at standby mode
- Press TALK first and LDS second to enter into the LDS mode at standby mode

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 cancel the incoming ring

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

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

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

Alphanumeric keypad

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

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

Intercom key
- Press to enable the intercom function
- **Flash Key**
- Press and hold to activate function

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

Microphone

Charge contact

Icon Display on LCD Screen

Icon	Name	Description
Y	Antenna	Steady within range; flashing when out of range
⇥	Menu	Menu accessed
▥	Phonebook	Phonebook accessed
(	Phone	Line in use, the phone is at 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 alarm is enabled
⊗	Mute	Mute function is activated
▐▪▐	Intercom	Intercom call mode
⌒⌒	Record	Not applicable for this model
⊶	Lock	Indicates that the keypad is locked
✕	Private	Not applicable for this model

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LED / Key Features on Base Unit

In use / Ringing indicator (Green LED)

Charging indicator (Red LED)

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

Installation

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

2. Connect the AC adaptor socket to the Base Unit and to your room's power outlet.
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3. Connect the telephone line to the Base Unit and to your room's telephone outlet.

Telephone Line socket

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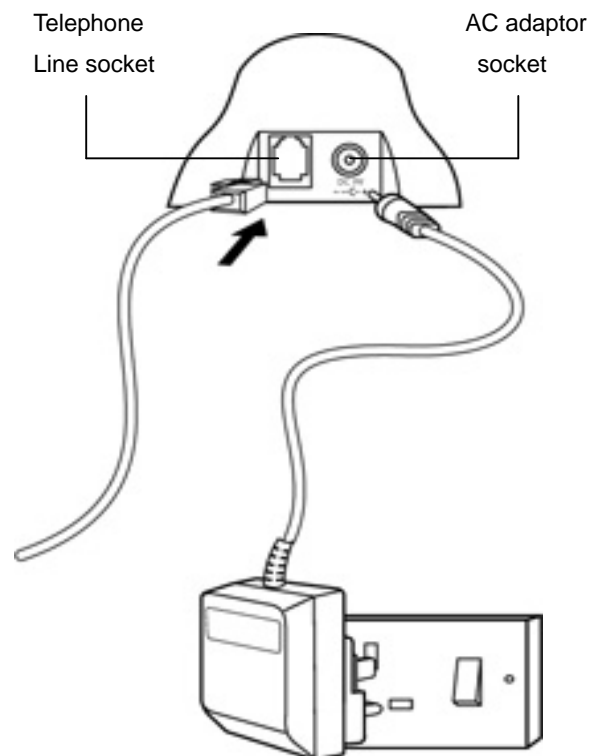
4. Fitting the battery in the handset:
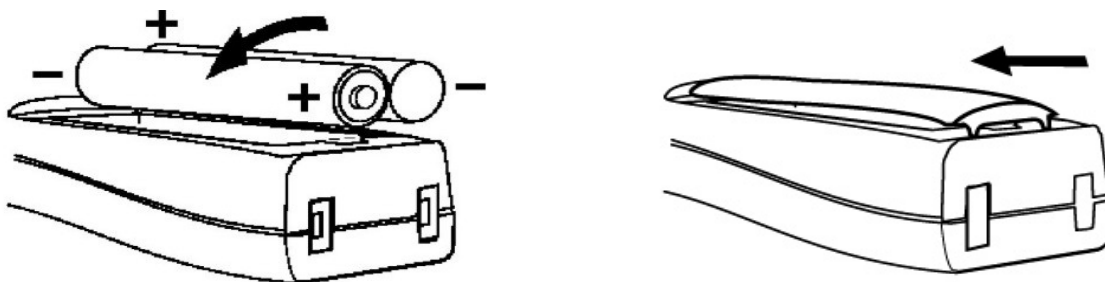
Two rechargeable batteries come with your phone.
- Insert the rechargeable batteries into the handset as the above figure indicates, matching correct polarity (+, -)
- Fit the battery compartment cover by sliding it down so that it clicks firmly into place.

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.

Charging the Handset Batteries

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

- End the call as soon as possible.
- Do not use the speakerphone mode for conservation since this may cause the handset to power off.
- Put the handset into the cradle for charging until the battery icon returns to a high level.

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

Battery Level Indication

After the handset's battery has been 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.

Basic Functions

Make an Outgoing Call

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

Answer an Incoming Call

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

- Press key.
- Or pressing key (This will enable the speakerphone function)
- During a call conversation, you can adjust the talk volume (1 ~ 5 levels) by simply pressing or key, the volume level will show about 5 seconds. Your RA216 phone uses two separate volume adjustment for handset and speakerphone mode.

Ending 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 about 5 seconds.

Note: If you are in handset conversation mode, press the 🔊 key to enable / disable the speakerphone mode. Pressing the 🔊 key will not drop the line. It will switch to the handset mode.

Cancelling an Incoming Call

When an EXT / INT call is incoming, and you do not want to answer, press the ⌫ key to cancel the incoming call that disturbs you.

Mute

- During a call conversation, you can mute your voice by pressing the ⌫ key. The LCD screen will display the ⊠ icon so that you can talk freely without being heard by the called party and you will still be able to hear the called party.
- To deactivate the mute function, press the ⌫ key again.

Dial the last Redial Number

Press the ⊕ key. The LCD will display the last dialed number, then press the ☎ or the 🔊 key. The last number will be dialed out.

Dial one of 10 Redial Numbers

The RA216 can save the last 10 dialed numbers. To redial one of them, press the ⊕ key then either the ⊕ or the ⊛ keys to scroll through to the previously called numbers. Press the ☎ or the 🔊 key. The selected number will be dialed automatically.

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Attention: The maximum length of the redial record is 24 digits.

Delete a Redial Number

- Enter the redial list. Press the ⊕ key
- Scroll through the redialled numbers that you want to delete and press the ⊙key
- Select **DELETE** and confirm
- The redial number is deleted with the confirmation tone, and the display returned to the redial list review mode. You can repeat the above steps to delete the other numbers.

Delete all Redial Numbers

- Enter the redial list, press the ⊕ key
- Select any redial number and press the ⊙key
- Select **DEL ALL** and confirm
- All redial numbers will be 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 display of handset will switch off which can prolong the use time of the handset.

To power on the handset, press the ⊙ key

- Put the handset into the cradle for charging the handset will power on automatically with **INITIALIZE** shown, then the display will return to standby mode.

Ring On/Off Shortcut Feature

At Standby mode, press and hold the **Digit** * 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 the ⌀ icon shown.

To restore the ring feature, press and hold the **Digit** * key for 3 seconds again. **RING ON** will be displayed. The ⌀ icon will disappear, which means the ring feature is 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 RA216 phone still allows you to answer an incoming call in the locked mode

- Press and hold **Digit #** key for 3 seconds at standby mode, the LCD display shows

  icon, which means the keypad is locked. Press any keys except (OK) key the LCD will show **PRESS OK +** *.

- To unlock the locked keypad, press the (OK) key and then press **Digit** * key**,** the icon will disappear, which means the keypad is unlocked.

Finding the Handset(s)

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

- Press the **Page** key on the base at standby mode.
- The handset(s) registered to the base will sound the paging tone with **PAGING** shown.
- Press any key on the handset or press the **Page** key on the base to terminate the paging call.   You can also put the handset into the cradle.

Caller ID Feature

You RA216 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. 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. 20 digits)
- The date and time that caller ID information is received

Note: Dates and times are available only on PSTN lines and not on ISDN lines.
The Caller ID entries are stored in the handset. Deletion of caller ID entries on one handset applies only to that handset and doest not affect the other handsets registered to the same base unit.

The place of calling number will display the special network message as following:

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

Note: The special network messages will be displayed when receiving, they will not be saved into the caller ID list.

Call Waiting

If you have subscribed to both Caller ID and Call Waiting services, when you are on a call and another call is incoming, you will hear a call waiting tone and the calling name (if available) and the number will be displayed to notify you that another call is waiting. You can answer the second call without ending the first call.

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

Caller ID List

Your RA216 phone can save the last 20 recent Caller ID messages. Each caller ID entry can contain the calling name with a maximum 8 characters and the calling number with a maximum 20 digits. When the caller ID list is full, a new caller ID entry will replace the oldest.

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 entry 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 👤 icon, not a flashing one.

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

- Press the ⓄK 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 the 🔽 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 ⓄK key

- Confirm the phonebook number, press the ⓄK 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 will be 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 are deleted with a confirmation tone, and the display returns to standby mode.

Call Back a Caller ID Entry

- To enter the caller ID list, press the ⬇ key.
- Scroll through the caller ID entry that you want to call back.

- Simply press the ☎ or the 🔊 key. The caller ID entry will be dialed out. Even if you are in the number or the date and time review mode.

Menu Structure

The RA216 provides a user-friendly menu to let you perform a wide range of phone settings.

- To access the menu, press the ⒪ⓚ key.

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

- To confirm an option, press the ⒪ⓚ key

- To return to the previous submenu, press the ⓒ 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 ⓒ key to delete the last entered. Pressing and holding the same key allows you delete the whole row.

Main menu	PHONEBOOK	VIEW		
		ADD ENTRY		
		EDIT		
		DELETE		
		DEL ALL		
	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	
			250MS	
		BS UNSUB		

	LANGUAGE	ENGLISH		
		FRANCIAS		
		ESPANOL		

Melody Ring Setting for EXT, INT and ALARM

Under **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 of an external / internal call.

- Enter menu, press ⌨ 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 a low battery during a call.

- Enter menu, press the ⌨ 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 in a call. In standby mode, there will only be the low battery ▭ icon blinking.

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Out of Range Indication

If your phone has registered and is in range of the base, the $\triangledown$ 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 $\triangledown$ icon will flash.

If you go back in range again, the communication link will restore and the $\triangledown$ icon will display steadily.

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

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 you desired name and confirm.

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

Local Code Setting

This feature can hide the are code that you specify, so when a local call is incoming, you will only see the 7 digit telephone number without the area code, even call back the number as 7 digits in caller ID.
- 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 CID/CW 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.   This feature is only available for an analog (not ISDN) phone line, so that you will not need to set the date and time of the handset.   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 **MELODY** submenu. When the alarm is alerting, your handset will ring for 30 seconds using the middle volume level with your selected melody ringer. 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 still can switch to the tone dialing mode temporarily by simply pressing **Digit** * 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 (OK⏎) key to confirm.

Note: You can only clear the handset that you are using.   Repeat the above steps 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.   The languages are English, Spanish, Italian and French.

- Enter menu.
- Select **LANGUAGE** and confirm.
- Select your desired language and confirm.

Phonebook

Your handset can store up to 40 phonebook entries.   You can manually enter 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 a phone number in the 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 (RD) or the keys, if there is no entry saved, **EMPTY** will be displayed with a warning tone.

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

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

Note: When you viewing a name or a number, simply press the 📞 or the 🔊 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 through the name that you want to edit by using ⬆ or ⬇ 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 you, 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**, and will be counted as one digit space.

Note: The 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 the ⊕ keys and confirm.

- **CONFIRM?** will be display, press the (OK) key to confirm.

Delete all Phonebook Entries

- Press the (OK) key

- Select **DEL ALL** and confirm

- **CONFIRM?** will be display, press the (OK) key to confirm

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

Registration

The handset and base will be pre-registered with a digital security identification code. This 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 (OK) 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. Your handset will be in registration mode.
- Press and hold the **Page** key for 3 seconds on the base until the "In use" LED is ON, the base will also be in registration mode.
- **SUCCESS** will be displayed that means the handset has located the base, and you 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 a new handset. Then you can perform the multiple-handset features as follows.

Intercom between Handsets

- From one handset, press the ⓘⓝⓣ key, then the handset number that you want to call. The internal called handset will ring.

- To answer the intercom call, press the ☎ or the ◁)) key on the called party handset.

- To end the intercom call, press ☎ 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 ⓘⓝⓣ key and the corresponding handset number that you want to transfer.
- The external call is put on hold and the internal called handset rings.
- After the internal 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 ⓘⓝⓣ key to return to the external call again.

Inquiry Call

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

- During a call, press the ⓘⓝⓣ key and the corresponding handset number that you want to call.
- The external call is put on hold and the internal called handset rings.
- After the internal called handset has answered, you can talk with the internal

called party (the external call will remain on hold).

- You can switch the active call by pressing the (INT) key repeatedly between the external line and the internal 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 using 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 internal called handset rings.
- After the internal 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 can 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.

RA216 User Manual

Specification

Standard	DECT (Digital Enhanced Cordless Telecommunications)
Frequency	1.92-1.93GHz
Channel Bandwidth	1.728 MHz
Modulation type	GFSK
Caller ID / CIDCW type	FSK CID 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	60 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 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 ^{O} C to 40 ^{O} C
Storage Temperature	-20 ^{O} C to 60 ^{O} 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.