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NEC

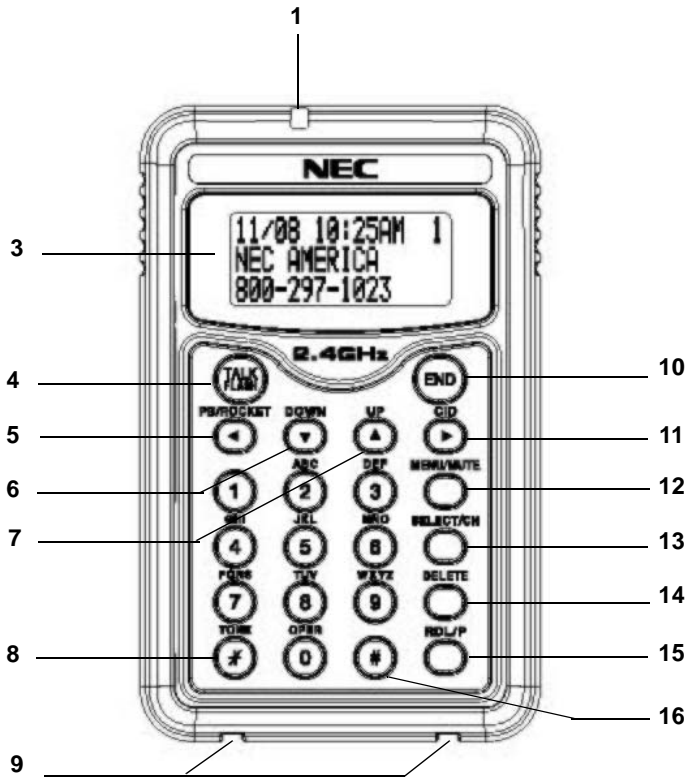
Dterm[®] Headset Cordless



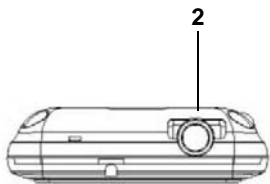
User's Guide

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Document Revision 1

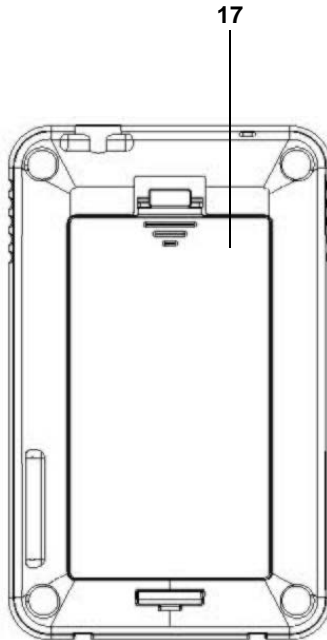
Controls and Functions



Handset Top View

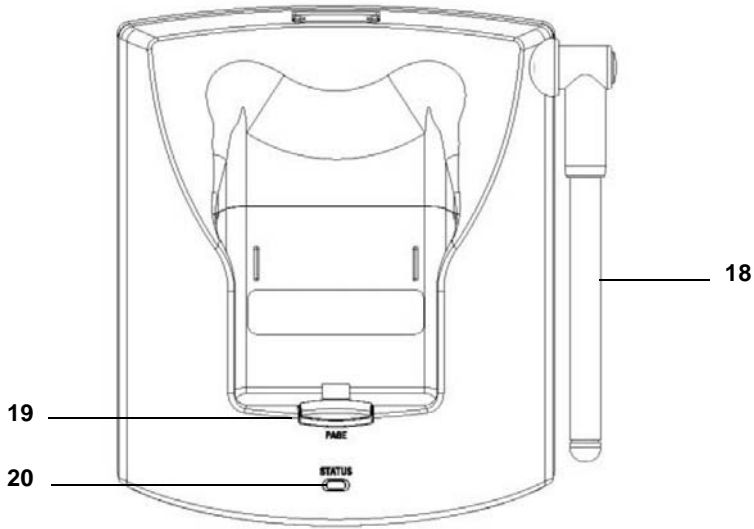


Handset Top End View



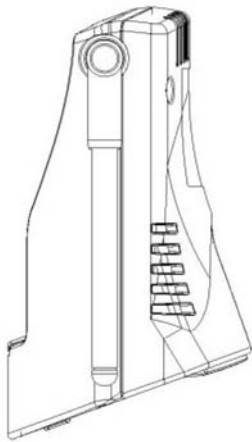
Handset Bottom View

- 1 Incoming Call LED
- 2 Headset Jack
- 3 LCD Display
- 4 TALK/FLASH Key
- 5 PB/ROCKET (Phone-book)/(RocketDail) ◀
- 6 ▼ DOWN Key
- 7 ▲ UP Key
- 8 */TONE Key
- 9 Handset Charging Key
- 10 END Key .
- 11 CID/▶ (right cursor) Key (not supported)
- 12 MENU/MUTE Key
- 13 SELECT/CH (channel) Key
- 14 DEL (Delete) Key
- 15 RDL/P (Redail/Pause) Key
- 16 # Key
- 17 Handset Battery Compartment

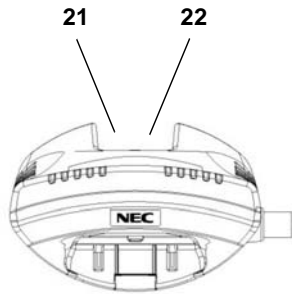


- 18 Base Antenna
- 19 PAGE Key
- 20 STATUS Key
- 21 DC Power Input
- 22 Telephone Line Jack

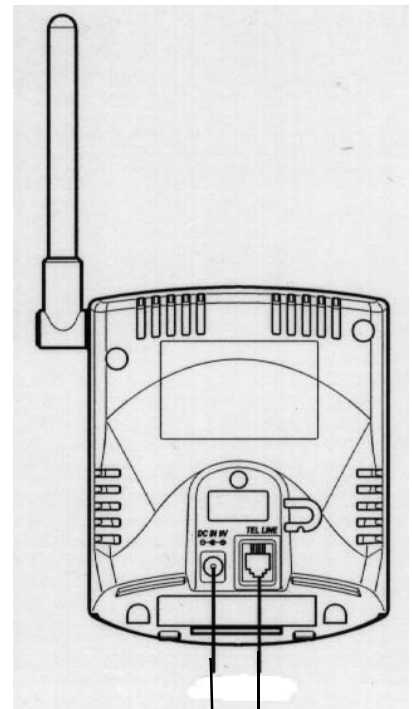
Base Top View



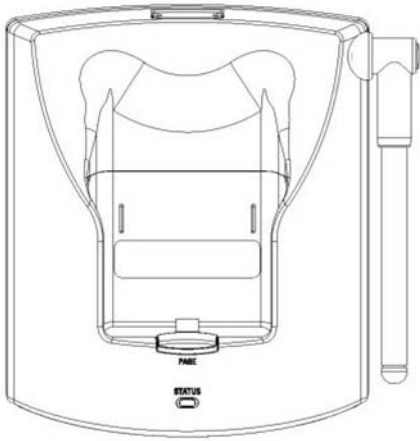
Base Side View



Base End View



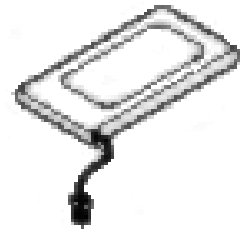
Base Bottom View



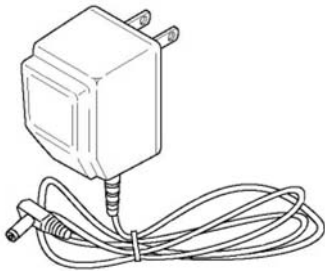
Base



Handset



Rechargeable Battery



AC Adapter



Beltclip



Telephone Cords

Features

The following features are provided on the D^{term} Headset Cordless telephone:

- 2.4 GHz Digital Spread Spectrum Technology
- Phonebook Locations (up to 100 numbers in total)
- Trilingual Language Option
- 8-Day Standby Battery Life
- 5-Hour Talk Time
- Tone/Pulse Dialing
- Handset Earpiece and Ringer Volume Control
- 32-Digit Redial / 3 Last Number Redial Locations
- 3-Line, 16-Character Backlit Handset Display
- One Touch Dialing
- Mute Feature
- Flash and Pause
- Find Handset
- Call Timer
- Vibrator Mode
- AutoTalk™

AutoTalk allows you to answer calls by removing the handset from the base.

- AutoStandby™

AutoStandby allows you to hang up by simply returning the handset to the base.

- Random Code™

Random Code protects you against misbilled calls which might result from your telephone being activated by other equipment. The D^{term} Headset Cordless has digital security which automatically selects one of over 65,000 digital security codes for the handset and base.

- RocketDial™

RocketDial is a one-touch speed dial key that automatically dials your most important or frequently called number. The number dialed is a preset number stored by the user.

- Two headsets included
- Beltclip
- Charging Base with an AC Adapter included

Connecting the Base Unit

1. Connect the AC adapter to the **DC IN 9 V** jack and to a standard 120V AC wall outlet.

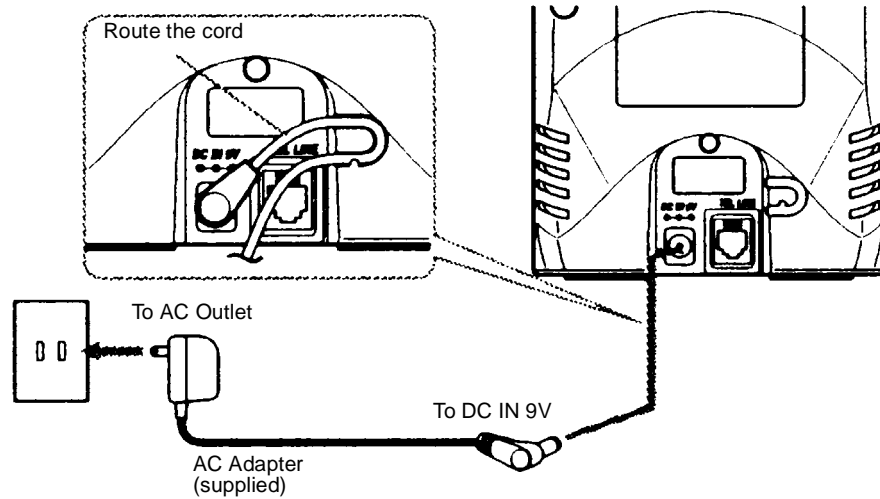
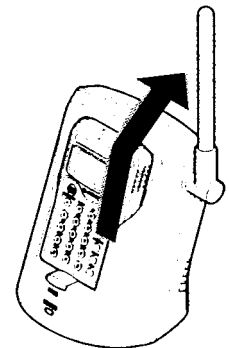


Figure 1 Connecting the Base to the Adapter

2. Set the base on a desk or tabletop, and place the handset in the base unit as shown.
3. Raise the antenna to a **vertical position**.
4. **Make sure the status LED illuminates.** If the LED does not illuminate, check to see that the AC adapter is plugged in and that the handset makes good contact with the base charging contacts.
 - **Use only the supplied AC adapter (730627).** Do not use any other AC adapter.
 - Connect the AC adapter to a continuous power supply.
 - Place the base unit close to the AC outlet so that you can unplug the AC adapter easily.
 - After installing the battery pack in the handset, **charge the handset at least three ~ five hours before plugging it into the telephone line.**
5. Connect the telephone line cord to the **TEL LINE** jack and the other end into the AP(R)-R Unit.



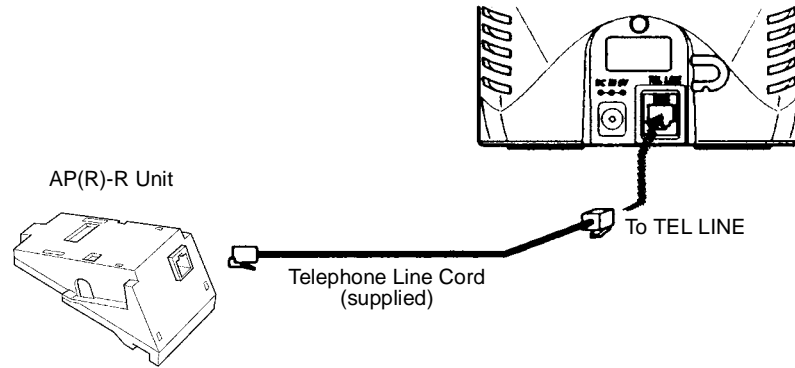


Figure 2 Connecting the Telephone Cord to the AP(R)-R Unit

- ☞ Place the power cord so that it does not create a trip hazard or where it could become chafed and create a fire or electrical hazard.

Making and Receiving Calls

To make or receive a call, you need to install one of the supplied headsets. (Refer to Headset Installation on page 13.)

At the start, wear the headset.		
	Handset On Base	Handset Off Base
To answer a call	Pick up the handset (AutoTalk) to test or pick up the handset and press TALK/FLASH .	Press any number key, o/TONE , or # (Any key Answer), or press TALK/FLASH .
To make a call	<ol style="list-style-type: none"> 1. Pick up the handset. 2. Press TALK/FLASH. 3. Listen for the dial tone. 4. Dial the number. <p style="text-align: center;">- OR -</p> Pick up the handset. Dial the number, then press TALK/FLASH .	<ol style="list-style-type: none"> 1. Press TALK/FLASH. 2. Listen for the dial tone. 3. Dial the number. <p style="text-align: center;">- OR -</p> Dial the number and then press TALK/FLASH .
To hang up	Press END , or return the handset to the base (AutoStandby).	
To enter a pause within the dialing sequence	When you dial the number, press RDL/P . P appears in the display which represents a pause.	

Refer to the D^{term} Headset Cordless Owner's Guide for the AutoTalk Option section to turn the AutoTalk feature On if desired. Any key answer can be used only when AutoTalk is set to On.

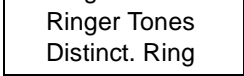










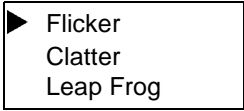
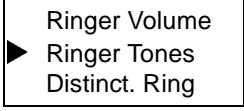
Ringer

There are several items to setup for the ringer. These must be done in order to hear a ring when receiving a call.

Ringer Tone Setting

 If you set the ringer to **Off**, the ringer tone will not sound.

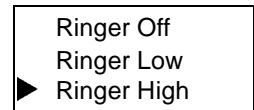
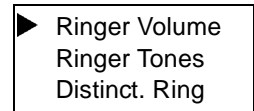
Setting the ringer tone on the D^{term} Headset Cordless telephone is done manually by following these steps.


1. When the telephone is in the standby mode, press **MENU/MUTE**. The display then shows the telephone menu in standby mode.

2. Press **▲ UP** or **▼ DOWN** to move the pointer to **Ringer Tones**, then press **SELECT/CH**.
 - Ringers
 -  Flicker
 -  Clatter
 -  Leap Frog
 -  Ping Ball
 -  Reminder
 -  Soft Alert
 - Melodies
 -  Beethoven_9
 -  For Elise (ELise)
 -  MerryChristmas (Merry-Xmas)
 -  Home Sweet Home (Hm Swt Hm)
3. Press **▲ UP** or **▼ DOWN** to move the pointer. You will hear a ringer or melody as you scroll through the options.
4. Press **SELECT/CH**, and you will hear a **confirmation tone**.
5. Press **END** to exit.

Volume Setup

Setting the ringer volume on the D^{term} Headset Cordless telephone is done manually by following these steps:

1. When the telephone is in the standby mode, press **MENU/MUTE**. The display then shows the telephone menu in standby mode.
2. Press **▲ UP** or **▼ DOWN** to move the pointer to **Ringer Volume**, then press **SELECT/CH**.
3. Press **▲ UP** or **▼ DOWN** to move the pointer through the ringer settings (Ringer Off, Ringer Low, or Ringer High). You will hear a ringer or melody at the selected volume (or does not ring when you select **Ringer Off**).
4. Press **SELECT/CH**, and you will hear a **confirmation tone**.
5. Press **END** to exit.




 If you select **Ringer Off**, **<Ringer Off>** appears on the display when you make or receive calls, or when charging the handset.

Adjusting the Earpiece Volume

The handset earpiece volume setting can only be adjusted during a telephone call. The available volume options are:

- Volume Low
- Volume Medium
- Volume High
- Volume Maximum

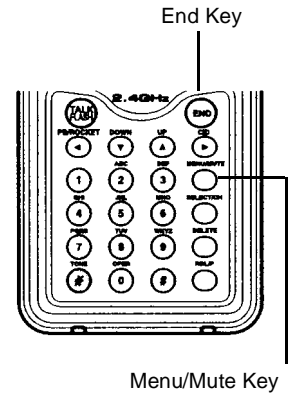
Press **▲ UP** or **▼ DOWN** to select the volume setting. When you hang up, the telephone keeps the last volume setting selected.

 When you press **▲ UP** in the maximum volume level or **▲ DOWN** in lowest volume level, an error tone sounds.

Mute Microphone

You can temporarily turn **Off** the microphone so that the person you are talking with cannot hear you. During a telephone call press and hold **MENU/MUTE** to turn **Off** the microphone and **Mute** will appear on the display. Press **MENU/MUTE** again to cancel muting.

- ☞ Press and hold down the **MUTE** key for three seconds or until you hear a confirmation tone.
- ☞ If you press **END** to cancel muting, the call is disconnected and the telephone will return to standby mode.



Storing Telephone Numbers, Names, and Speed Dial

When storing or editing the names, and/or numbers, follow this procedure:

1. When the telephone is in the standby mode, press **PB/ROCKET/◀**. The handset displays the number of the phonebook locations used, and information on search and storing phonebook locations.

(First line) The number of phonebook locations used.

(Second line) How to search (press the number keypad, **▲ UP** or **▼ DOWN**)

(Third line) How to enter the storing operation (press **SELECT/CH**).

▶ Phonebook : 85
Search [A-Z/↑/↓]
Store [select]

▶ Phonebook : 85
Search [A-Z/↑/↓]
Store [select]

▶ Phonebook : 85
Search [A-Z/↑/↓]
Store [select]

- ☞ When the memory is full, you will hear a beep and **Memory Full** appears. You cannot store more names and numbers.

Memory Full

2. Press **SELECT/CH** then **Store/Edit Name** appears in the display.

Store/Edit No.
█

3. Store the name (up to 16 characters) by using the number keypad.

- See the steps for entering names and special characters in the D^{term} Headset Cordless Owner's Guide in Section 12 Steps for Entering Names and Special Characters on page 7-10 .
- Use CID/▶ and **PB/ROCKET/◀** to move the cursor to the desired location.
- Use **DELETE** to delete characters as needed.
- Press and hold **DELETE** to delete all the characters.

- ☞ The **Pause** key counts as one digit. Pressing **RDL/P** more than once increases the length of pause between numbers.

If a name is not required, go to Step 4.

4. Press **SELECT/CH** to store the name, then **Store/Edit No.** appears in the display.
5. Press the number keypad to enter the telephone number (up to 20 digits), then press **SELECT/CH** to store the number.
6. **Speed Dial** appears. Then press **▲ UP** or **▼ DOWN** to move the pointer to select the speed dial location (10 locations: SPD1-SPD0).

Store/Edit No.
█

Speed Dial
No Selectn
▶ SPD1:Smith, Jay

- ☞ If you choose not to store the name and number as a Speed Dial, simply select the **No Selectn** option.

7. Press **SELECT/CH**. You will hear a **confirmation tone** and **Done** appears in the display.

Smith, Jay
▶ 800-555-1234
Soft Alert/SPD1

Done

Making Calls Using the Phonebook

From Standby Mode

1. When the telephone is in the standby mode, press **PB/ROCKET/◀**.
2. Press **▲ UP** or **▼ DOWN** to view the phonebook locations. (Refer to the D^{term} Headset Cordless Owner's Guide for Viewing the Phonebook section.)
3. Press **TALK/FLASH**. The displayed number is then dialed.
4. To hang up, press **END**.

▶ Phonebook : 85
Search [A-Z/↑/↓]
Store [select]

From Talk Mode

1. Press **TALK/FLASH**.
2. Press **PB/ROCKET/◀**.
3. Press **▲ UP** or **▼ DOWN** to view the phonebook locations. (Refer to the D^{term} Headset Cordless Owner's Guide for Viewing the Phonebook section.)
4. Press **SELECT/CH**. The number in the displayed phonebook location is then dialed.
5. To hang up, press **END**.

▶ Phonebook : 85
Search [A-Z/↑/↓]

Chain Dialing

The memory locations in the handset are not limited to telephone numbers. You can also store a group of numbers (up to 20 digits), that you need to enter once your call connects. This is referred to as Chain Dialing.

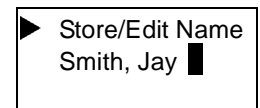
An example of this is a bank account number. Store the special number in the Phonebook location (refer to Storing Telephone Numbers, Names, and Speed Dial on page 9). Once you have called your bank, and when you're prompted to enter the account number, press **PB/ROCKET/◀** and use **▼ UP** or **▼ DOWN** to select the number in the Phonebook location, then press **SELECT/CH**.

Editing or Erasing a Stored Name, Telephone Number, and Speed Dial

When the telephone is in standby mode, press **▲ UP** or **▼ DOWN**, or the number keypad to view the phonebook locations. (Refer to D^{term} Headset Cordless Owner's Guide for Viewing the Phonebook section.)

Editing the Stored Data

1. When the phonebook location to be edited appears, press **SELECT/CH**. Then **Store/Edit Name** appears.
2. Follow steps 3 ~ 7 under Storing Telephone Numbers, Names, and Speed Dial on page 9 to complete the editing operation.
3. Press **SELECT/CH**. You will then hear a **confirmation tone** and **Done** appears in the display.



Find Handset (D^{term} Headset Cordless)

To locate the handset, press **PAGE** on the base. The handset beeps for 60 seconds, and **Paging** appears on the display. **Paging** is canceled by pressing any key on the handset or **PAGE** on the base. Additionally, if an incoming call is received, page is then also canceled.

If the handset battery is completely drained, the handset will not beep when paging.

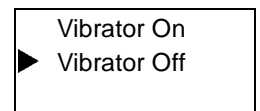
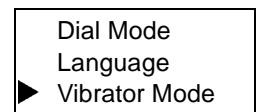


PAGE Key on Base

Setting up the Vibrator Mode

The vibrator mode allows the headset to vibrate when a call is received while the cordless unit is off the base.

1. When the telephone is in the standby mode, press **MENU/MUTE**. The display then shows the telephone menu for standby mode.
2. Press **▲ UP** or **▼ DOWN** to move the pointer to **Vibrator Mode**, then press **SELECT/CH**.
3. Press **▲ UP** or **▼ DOWN** to choose **Vibrator On** or **Vibrator Off**.
4. Press **SELECT/CH**, and you will hear a **confirmation tone**.
5. Press **END** to exit.



- ☞ The telephone is designed to ring even when the telephone is set to vibrator mode. To avoid hearing the ring, turn the ringer off.
- ☞ Pressing the **END** key during Vibrate Ring will stop the Vibrate Ring. However, if you turn the ringer off, the Vibrate Ring will not stop.

Headset Installation

The headset will be used to make or receive a call. With these headsets, you can have the convenience of hands-free communication while using this cordless telephone. To make or receive a call, you must install one of the following headsets:

- Over the head type
- Over the ear type

Choose the Dialing Mode

Most telephone systems use tone dialing which sends DTMF tones through the telephone lines. However, some telephone systems still use pulse dialing such as in rural areas. Your telephone is set for tone dialing, which is its default setting. Depending on your dialing system, set the mode as follows:

When the telephone is in the standby mode, press **MENU/MUTE**. The display then shows the menu for the standby mode.

1. Press **▲ UP** or **▼ DOWN** to move the pointer to **Dial Mode**.
2. Press **SELECT/CH** and the display will show the current setting.
3. Press **▲ UP** or **▼ DOWN** to change the selection.
4. Press **SELECT/CH** and you will hear a **confirmation tone**.
5. Press **END** to exit.

▶ Ringer Volume
Ringer Tones
Distinct. Ring

Distinct. Ring
Caller ID Setup
▶ Dial Mode

▶ Tone Dialing
Pulse Dialing

- ☞ If you are not sure of your dialing system, set the unit to tone dialing. Make a trial call. If the call connects, leave the setting as is. Otherwise, set the unit to pulse dialing.
- ☞ If your telephone system requires pulse dialing and you need to send DTMF tones in certain situations during a call, you may “switch-over” to tone dialing. (Refer to the D^{term} Headset Cordless Owner’s Guide for Tone Dialing Switch-over section.)

Install the Battery Pack

Charge the battery pack for at least 3-5 hours before plugging the telephone line into the base unit.

- ☞ Use only the 730628 lithium ion (Li-ion) battery supplied with the telephone. Replacement batteries are also available through the NEC dealer.

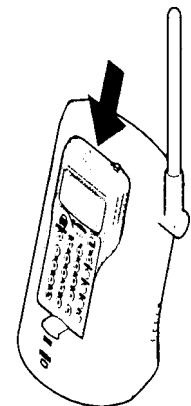
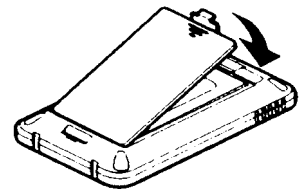
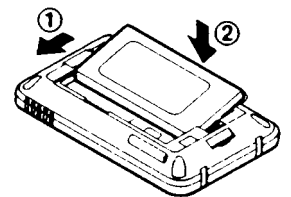
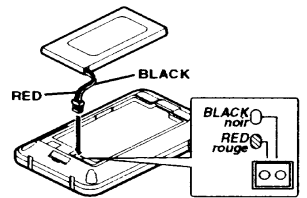
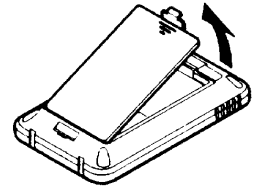
Recharge the telephone on a regular basis by returning the handset to the base after each telephone call.

1. Press down on the latch and lift and remove the battery cover.
2. Connect the battery pack connector observing the correct polarity (black and red wires) to the jack inside the battery compartment.

- ☞ Do not exert any force on this connection. It could cause damage to the battery or to the handset. The plastic connectors will fit together in only one way. Make sure that you have made a good connection.

3. Align the left side of the battery and insert the battery into the battery compartment as shown.
4. To replace the battery cover insert the tabs of the cover into the slots of the battery compartment and securely close the cover by pressing down.
5. Place the handset in the base with the key pad facing forward.

6. Slide the handset down until it clicks into place.

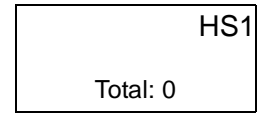


Battery Use Time

Each fully charged battery will provide:

- Five hours of continuous use
- Eight days when the handset is in the standby mode.

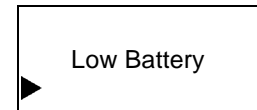
☞ When you charge the handset, test the summary screen and the name of the handset, **HS1**, appears.



Low Battery Alert

When the battery pack is very low and needs to be charged, the telephone is programmed to eliminate functions in order to save power.

If the telephone is in the standby mode, **Low Battery** appears on the LCD and none of the keys will operate.

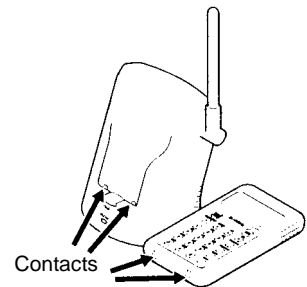


If the telephone is in use, **Low Battery** appears and the handset beeps. Complete your conversation as quickly as possible and return the handset to the base unit for charging.

☞ The last number dialed in the redial memory is retained for up to two minutes while you replace the battery pack.

Cleaning the Battery Charging Contacts


To maintain a good charge, it is important to clean the battery contact on the handset and base unit with a dry cloth or a pencil eraser approximately once a month. Do not use any liquids or solvents.

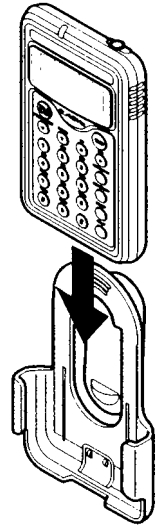


Installing the Beltclip with Holster

Whenever the telephone is not in use it is best to place the telephone back in the beltclip holster so that it can be easily found when a call is received.

1. Line up the groove on the back of the handset with the groove on the holster. The D^{term} Headset Cordless telephone fits in the holster only one way.
2. Slide the telephone into the beltclip holster.
3. Use the spring clip of the beltclip to attach the holster to your belt or pocket.

 Before you charge the headset, remove the beltclip and holster if it is attached.



Optional Available Parts

Part No.	Part Description
730630	CS-100 Uniden Headset Earbud
730627	AD430 AC Adapter
730629	C-46 Beltclip
730628	BT-925 Replacement Battery

Installing AR(A)-R/AP(R)-R Unit

Refer to the D^{term} Headset Cordless Owner's Manual for the APA-U/APR-R installation.

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