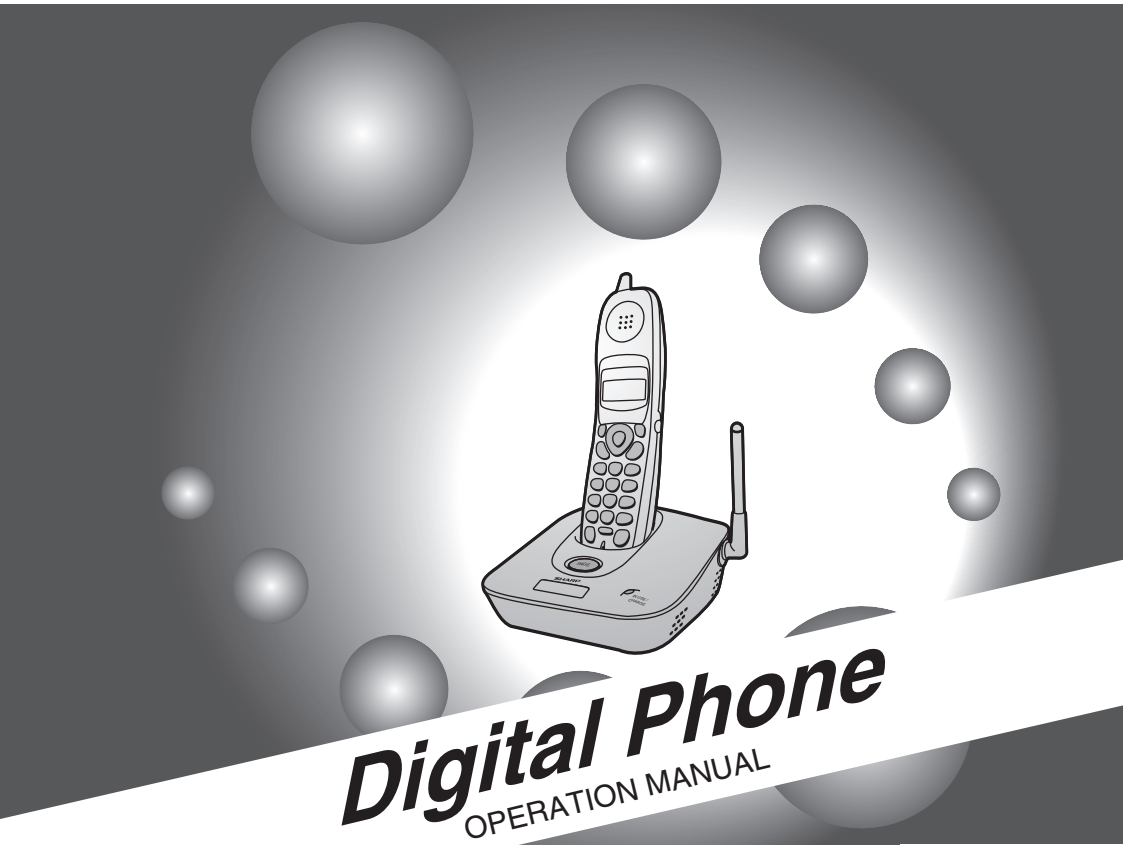
MODEL

BB-HC1



1. *Setting Up*
2. *Using the Cordless Handset*
3. *Caller ID (Requires Subscription to Service)*
4. *Maintenance and Troubleshooting*

SHARP®

WARNING - FCC Regulations state that any unauthorized changes or modifications to this equipment not expressly approved by the manufacturer could void the user's authority to operate this equipment.

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.
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 the 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.

IMPORTANT NOTICE

Base

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for at uncontrolled equipment.

This equipment should be installed and operated with minimum distance at least 20 cm between the radiator and persons body (excluding extremities: hands, wrists, feet and legs) and must not be co-located or operated with any other antenna or transmitter.

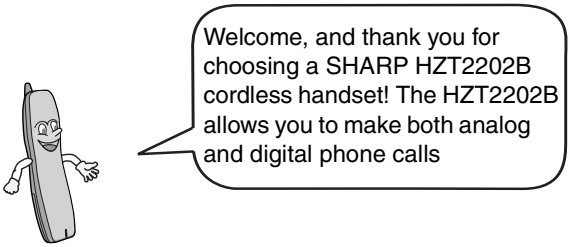
Cordless handset

For body worn operation, this phone has been tested and meets FCC RF exposure gudelines when used with an accessory that no metal and that positions the handset a minimum of 1.5 cm from the body.

Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

As an ENERGY STAR® partner, SHARP has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

Introduction



Cordless handset specifications

Frequency	2.4 GHz (2.405 to 2.475 GHz)
Dimensions	Width: 1.8" (46 mm) Depth: 1.7" (42 mm) Height: 7.1" (180 mm) (not including antenna)
Weight	Approx. 0.3 lbs. (115 g) (without battery)
Battery	3.6 V Ni-MH battery; capacity: 850 mAh
Power consumption	Approx. 1.0 W (in standby mode)
Initial charging	Approx. 10 hours for initial charge
Battery life	Approx. 4 hours (240 minutes) (at room temp.)
Battery life in standby mode	Approx. 3 days with one full charge (at room temperature) *Battery life (both normal and in standby mode) may vary depending on usage, range from base machine, and environmental conditions such as temperature*.

As a part of our policy of continuous improvement, SHARP reserves the right to make design and specification changes for product improvement without prior notice. The performance specification figures indicated are nominal values of production units. There may be some deviations from these values in individual units.

Important safety information

Do not disassemble this product or attempt any procedures not described in this manual. Refer all servicing to qualified service personnel.

Do not install or use the equipment near water, or when you are wet. For example, do not use the equipment near a bath tub, wash bowl, kitchen sink or laundry tub, in a wet basement, or near a swimming pool. Take care not to spill any liquids on the equipment.

Unplug the base from the power outlet and telephone jack and consult a qualified service representative if any of the following situations occur:
- Liquid has been spilled into the base or the base has been exposed to rain or water.
- The base produces odors, smoke, or unusual noises.
- The power cord is frayed or damaged.
- The base has been dropped or the housing damaged.

Do not allow anything to rest on the power cord, and do not install the base where people may walk on the power cord.

This base must only be connected to a 120 V, 60 Hz outlet. Connecting it to any other kind of outlet will damage the base and invalidate the warranty.

Never insert objects of any kind into slots or openings on the equipment. This could create a risk of fire or electric shock. If an object falls into the equipment that you cannot remove, unplug the base and consult a qualified service representative.

Never install telephone wiring during a lightning storm.

Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.

Never touch bare telephone wires or terminals unless the telephone line has been disconnected at the network interface.

Use caution when installing or modifying telephone lines.

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

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

Battery

Use only the battery specified in this manual. Use only the provided charger to charge the battery.

Do not open or mutilate the battery pack. Corrosive fluid may leak out and cause injury or burns to the eyes and skin. The fluid may be toxic if swallowed. In case of contact with eyes, flush with clean water (do not rub), and seek medical attention immediately.

Do not store or carry the battery with other metal objects such as keys or pins. These may short the battery and cause it to overheat.

Do not allow the battery to become wet.

Do not dispose of the battery in a fire or heat the battery. The battery may explode.

Health care facilities and equipment

Radio frequency energy emitted from the cordless handset equipment may cause medical equipment to malfunction. Verify that any personal medical equipment you are using is adequately shielded from external radio frequency energy before using the cordless handset equipment. Do not use the cordless handset equipment in health care facilities where such use is prohibited.

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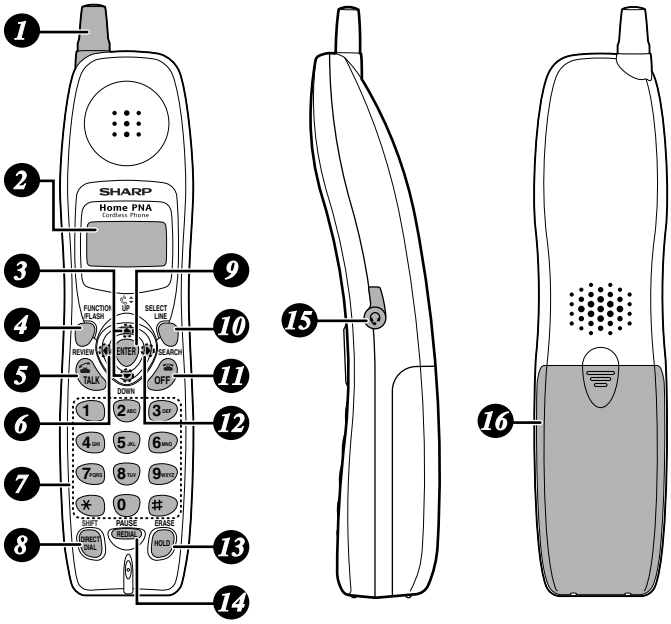
A Look at the Operation Panel



1 **Antenna**

2 **Display**
This displays messages and prompts to help you use the cordless handset.

3 **UP and DOWN arrow keys**
Receiver volume: When talking on the cordless handset, press these keys to adjust the receiver volume. This also adjusts the volume when using a headset (purchased separately) connected to the cordless handset.
Ringer volume: When not talking on the cordless handset, press these keys to adjust the cordless handset ringer volume.
Scroll through numbers: Press these keys to scroll when searching for a phone number.

4 **FUNCTION/FLASH key**
Press this key to change one of the function settings. The key is also used to access special services from your phone company that require subscription (contact your phone company for details).

5 **TALK key**
Press this key to make or answer a call.

6 **REVIEW (left arrow) key**
Press the **REVIEW** key and then the **UP** or **DOWN** key to scroll through your most recently received calls (only available if you have Caller ID). This key can also be used to move the cursor left when entering or editing an auto-dial number or name.

7 **Number keys**
Use these keys to dial numbers, and enter numbers and letters when storing auto-dial numbers.

8 **DIRECT DIAL (SHIFT) key**
Press this key to automatically dial the phone number stored in the **DIRECT DIAL** key. This key is also used to switch between upper and lower case when entering a name for an auto-dial number.

9 **ENTER key**
Press this key to select a setting after scrolling with the **UP** or **DOWN** key, and to store auto-dial numbers and names entered with the numeric keys.

10 **SELECT LINE key**
Press this key before making a phone call to select the line. L1(Line 1) is for digital phone calls and L2 (Line 2) is for analog phone calls.

11 **OFF** key
Press this key to end a call, or to exit a programming procedure.

12 **SEARCH (right arrow) key**
Press the **SEARCH** key and then the **UP** or **DOWN** key to scroll through your auto-dial numbers. This key can also be used to move the cursor right when entering or editing an auto-dial number or name.

13 **HOLD (ERASE) key**
Hold: Press this key during a call to put the other party on hold.
Erase: Press this key to erase a phone number when searching through your auto-dial numbers. Press the key to delete a digit or character when storing or editing an auto-dial number.

14 **REDIAL (PAUSE) key**
Press this key to redial the last number dialed. When storing an auto-dial number, press this key to insert a pause between digits.

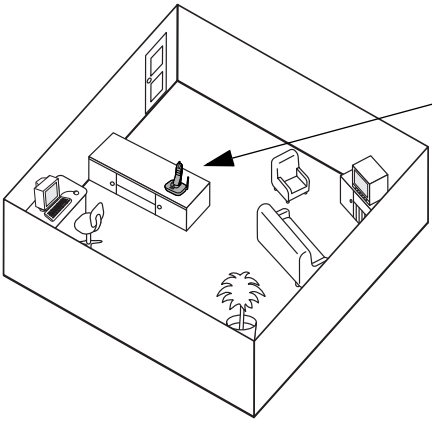
15 **Headset jack**
This jack lets you connect a headset (purchased separately) to the cordless handset.

16 **Battery cover**
Remove this cover to install or replace the handset battery.

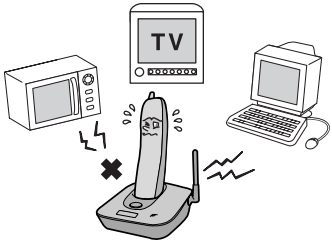
1. Setting Up

Selecting a Location for the Base

To maximize the talking range of the cordless handset, we recommend installing the base in a high and central location away from obstructions such as walls.

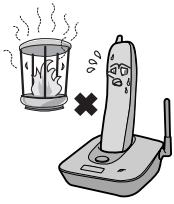


High and central location with no obstructions

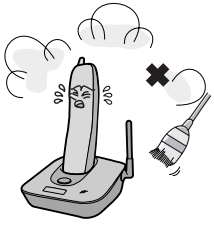


Keep the base away from other electrical appliances such as TVs, microwave ovens, computers, and other cordless phones.

Do not place the base in direct sunlight.



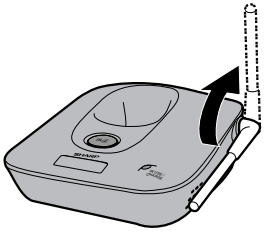
Do not place the base near heaters or air conditioners.



Keep dust away from the base.

Raising the base antenna

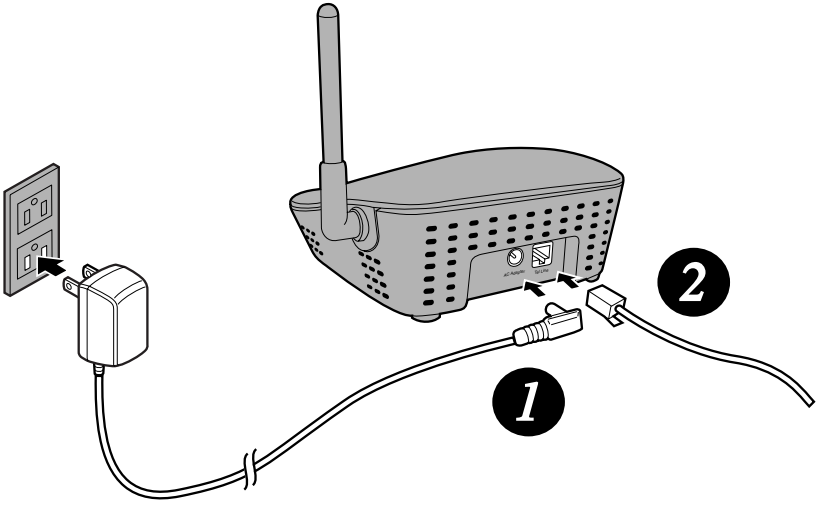
Raise the base antenna to ensure clear communication with the cordless handset.



Connecting the AC Adapter and Telephone Line Cord

❶ Connect the AC adapter to the **AC Adapter** socket on the base, and then plug it into a 120-V, 60-Hz outlet.

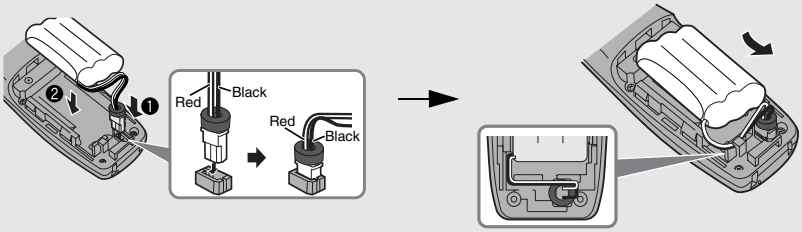
❷ Connect one end of the telephone line cord to the **Tel Line** jack on the base, and the other end to a standard (RJ11C) wall telephone jack.



Installing and Charging the Battery

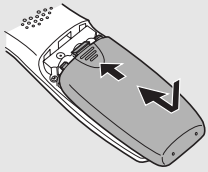
1 **Connect the battery connector (❶), and then place the battery pack in the cordless handset (❷).**

- Place the wires as shown.



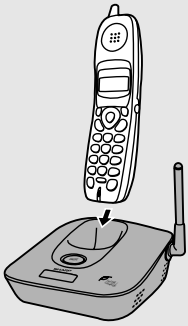
2 **Place the battery cover on the cordless handset, making sure it snaps firmly into place.**

- Make sure that the wires are not caught or pinched by the cover.



3 **Place the cordless handset in the base with the dial pad facing forward.**

- **Important!** The dial pad must face forward, or the battery will not charge.
- The battery charges automatically while the cordless handset is in the base. While charging, the display shows CHARGING.
- The cordless handset and base may feel warm while charging. This is normal.

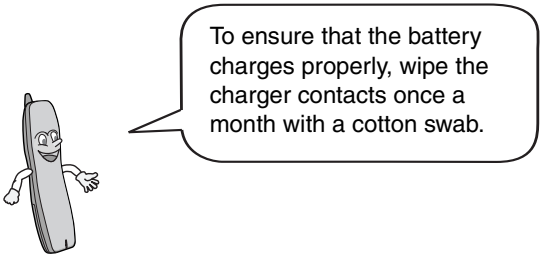


Charge the battery at least **10** hours the first time!

Note: The battery cannot be overcharged. When not using the cordless handset, keep it in the base to ensure that it is always charged.

When the battery needs charging, LOW BATTERY will appear in the display and you will hear beeps during a phone conversation. Place the cordless handset in the base and let it charge.

Note: If the battery is extremely low, nothing may appear in the display during the first several minutes that the cordless handset is in the base. The battery will begin to charge normally after several minutes.

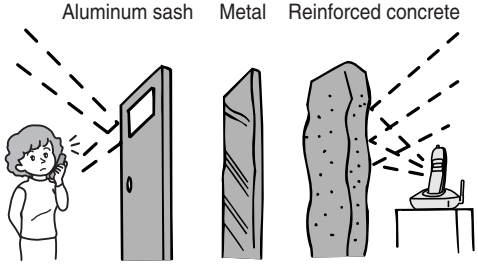


Talking range

The talking range of the cordless handset is approximately 1200 ft. (400 m) (line of sight). If you hear noise or interference while talking, move closer to the base.

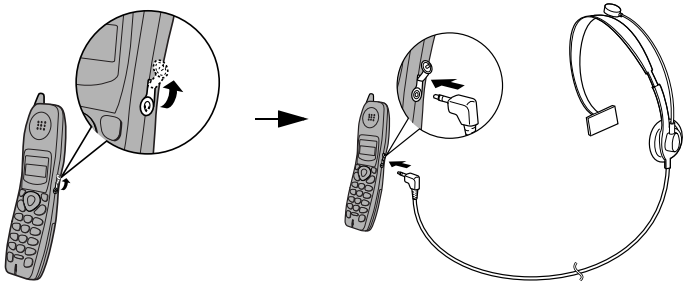
- When outside the talking range, OUT OF RANGE appears in the display. If you move out of the talking range while talking, the handset will beep and you may hear interference.

Large metal objects, metal structures, and thick walls reduce the talking range.



Connecting a headset

You can connect a headset (purchased separately) to the headset jack. Remove the cap and insert the connector as shown.



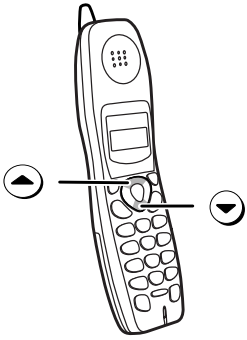
Setting the dial mode for the analog phone line

The cordless handset is set to use tone dialing when you make a call on the analog phone line. If you are on a pulse dial line, you must set the cordless handset to use pulse dialing. Press the panel keys as follows:

		Display:
1	**Press** FUNCTION /FLASH **once and** ▼ **twice.**	DIRECT # CALLER ID >ANALOG LINE
2	**Press** ENTER **.**	ANALOG LINE >TONE PULSE
3	**Press** ▼ **once to select PULSE.**	ANALOG LINE TONE >PULSE
4	**Press** ENTER **.**	

- The display briefly shows your new setting.

Volume Adjustment



You can adjust the volume of the receiver and ringer using the up and down arrow keys.

Receiver volume

1 **When talking on the cordless handset, press ▲ or ▼ until the display shows the desired volume level.**

Display:

RECEIVER: HIGH

↕

RECEIVER: MIDDLE

↕

RECEIVER: LOW

Ringer

1 **When the cordless handset is not being used for a phone call, press ▲ or ▼ until the display shows the desired ringer volume level.**

- The ringer will ring once at the selected level.

Display:

RINGER: HIGH

↕

RINGER: MIDDLE

↕

RINGER: LOW

↕

RINGER: OFF OK ?
OK: PRESS ENTER

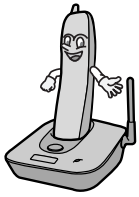
2 **If you wish to turn off the ringer, press ▼ until "RINGER: OFF OK ?" appears and then press ENTER.**

2. Using the Cordless Handset

Selecting the Line

L1 (Line 1) is for calls over the analog line, and L2 (Line 2) is for calls over the digital line.

To change the line selection, press SELECT LINE before dialing.

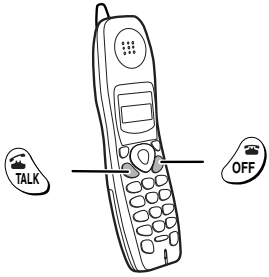


The current line selection appears in the standby display.

```
> L1
  L2
```

Making a Phone Call

When making a phone call, you dial the regular phone number (including the area code, if needed) no matter whether the phone call is a digital call or an analog call.



1 **Pick up the cordless handset. Check the display to make sure the desired line is selected. (Press SELECT LINE to change the selection.)**

Example: L2 is selected for a digital call

```
  L1
> L2
```

2 **Press TALK.**

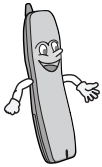
```
TALK
```

3 **When you hear the dial tone, dial the number.**

4 **When you are ready to end the call, press OFF.**

- You can also end the call by simply placing the cordless handset in the base.

Pre-set Dialing



You can also dial by entering the phone number first and then pressing TALK.

Check the number in the display before pressing TALK. If there is a mistake, press ERASE HOLD to clear the mistake and then enter the correct digits.

Note: If a pause is needed between any of the digits to access an outside line or a special service, press PAUSE REDIAL. The pause will appear as a hyphen (-).

Receiving a Phone Call

1 When the cordless handset rings, pick it up and press any key (except OFF or SELECT LINE) to answer. Talk to the other party.

- If the cordless handset is in the base, simply pick it up to answer (you do not need to press a key).

2 When you are ready to end the call, press OFF.

- You can also end the call by simply placing the cordless handset in the base.

Putting a Call on Hold

To put the other party on hold during a call, press HOLD. When you are ready to resume the call, press HOLD once again. Note that placing the cordless handset in the base while a call is on hold will break the connection.

Using the DIRECT DIAL Key

You can store a phone number in the **DIRECT DIAL** key. This allows you to dial the number by simply pressing the **DIRECT DIAL** key.

♦ Only one phone number can be stored in the **DIRECT DIAL** key.

Storing a phone number in the DIRECT DIAL key

1 **Press** FUNCTION /FLASH **.**

Display:

```
>DIRECT #
 CALLER ID
 ANALOG LINE
```

2 **Press** ENTER **.**

```
 DIRECT #
>ENTRY
 ERASE
```

3 **Press** ENTER **.**

```
ENTER TEL #
```

4 **Enter the number (up to 16 digits) by pressing the number keys. (Note: A space cannot be entered.)**

- To clear a mistake, press ERASE HOLD **.**
- If a pause is required between any of the digits to access a special service or an outside line, press PAUSE REDIAL . The pause appears as a hyphen (two seconds per pause). Several pauses can be entered in a row.

5 **Press** ENTER **.**

6 **Enter a name by pressing number keys for each letter as shown in the chart below. Up to 15 characters can be entered. (If you do not wish to enter a name, go directly to Step 7.)**

Example: SHARP = 7777 44 2 777 (▶) 7

SPACE = (1)	G = (4)	N = (6)(6)	U = (8)(8)
A = (2)	H = (4)(4)	O = (6)(6)(6)	V = (8)(8)(8)
B = (2)(2)	I = (4)(4)(4)	P = (7)	W = (9)
C = (2)(2)(2)	J = (5)	Q = (7)(7)	X = (9)(9)
D = (3)	K = (5)(5)	R = (7)(7)(7)	Y = (9)(9)(9)
E = (3)(3)	L = (5)(5)(5)	S = (7)(7)(7)(7)	Z = (9)(9)(9)(9)
F = (3)(3)(3)	M = (6)	T = (8)	

- To enter two letters in succession that require the same key, press (▶) after entering the first letter.
- To clear a mistake, press (HOLD) (ERASE).
- To change case, press (DIRECT DIAL) (SHIFT).
- To enter one of the following symbols, press (#) or (*) repeatedly:
  . / ! " # $ % & ' ( ) + + , - : ; < = > ? @ [¥] ^ _ ' { | }) (

7 **Press (ENTER).**

- The display briefly shows STORED.

Dialing with the DIRECT DIAL key

1 **Pick up the cordless handset and press SHIFT DIRECT DIAL.**

- The display shows the name and number stored in the **DIRECT DIAL** key.

2 **Press TALK.**

- Dialing begins automatically.

Note: You can also dial by pressing TALK first and then SHIFT DIRECT DIAL.

Clearing the phone number in the DIRECT DIAL key

1 **Press FUNCTION /FLASH and ENTER.**

Display:

```
 DIRECT #
>ENTRY
 ERASE
```

2 **Press ▼ to select ERASE, and then press ENTER.**

Using the Phone Book

Storing numbers in the phone book

You can store up to 30 auto-dial numbers in the phone book.

1 **Press ▶SEARCH.**

Display:

```
SEARCH DIAL
UP/DOWN: SEARCH
>: TEL # ENTRY
```

2 **Press ▶SEARCH.**

```
ENTER TEL #
```

3 **Enter the number (up to 16 digits) by pressing the number keys. (Note: A space cannot be entered.)**

- To clear a mistake, press ERASE HOLD.
- If a pause is required between any of the digits to access a special service or an outside line, press PAUSE REDIAL. The pause appears as a hyphen (two seconds per pause). Several pauses can be entered in a row.

4 **Press ENTER.**

5 **Enter a name by pressing number keys for each letter as shown in the chart below. Up to 15 characters can be entered. (If you do not wish to enter a name, go directly to Step 6.)**

Example: SHARP = 7777 44 2 777 ▶ 7

SPACE = 1	G = 4	N = 6 6	U = 8 8
A = 2	H = 4 4	O = 6 6 6	V = 8 8 8
B = 2 2	I = 4 4 4	P = 7	W = 9
C = 2 2 2	J = 5	Q = 7 7	X = 9 9
D = 3	K = 5 5	R = 7 7 7	Y = 9 9 9
E = 3 3	L = 5 5 5	S = 7 7 7 7	Z = 9 9 9 9
F = 3 3 3	M = 6	T = 8	

♦ To enter two letters in succession that require the same key, press ▶ after entering the first letter.

♦ To clear a mistake, press ERASE HOLD.

♦ To change case, press SHIFT DIRECT DIAL.

♦ To enter one of the following symbols, press # or * repeatedly:
. / ! " # $ % & ' ( ) + + , - : ; < = > ? @ [¥] ^ _ ' { | }) (

6 **Press ENTER.**

```
SEARCH DIAL
UP/DOWN: SEARCH
>: TEL # ENTRY
```

7 **Return to Step 2 to store another number, or press OFF to exit.**

Dialing a number in the phone book

1 **Press SEARCH once.**

```
SEARCH DIAL
UP/DOWN: SEARCH
>: TEL # ENTRY
```

2 **Press ▲ or ▼ until the number you wish to dial appears in the display.**

3 **Press TALK.**

- The number is automatically dialed.

Editing a number in the phone book

If you need to make changes to a previously stored auto-dial number, follow these steps:

1 **Press SEARCH once.**

```
SEARCH DIAL
UP/DOWN: SEARCH
>: TEL # ENTRY
```

2 **Press ▲ or ▼ until the number you wish to edit appears in the display.**

3 **Press ENTER once.**

4 **Press the number keys to enter the new number.**

- To clear a mistake, press ERASE HOLD **.** If a pause is required between any of the digits to access a special service or an outside line, press PAUSE REDIAL .
- If you do not wish to change the number, go directly to Step 5.

5 **Press ENTER.**

6 **Press the number keys to enter the new name (see Step 5 on page 19).**

- If you do not wish to change the name, go directly to Step 7.

7 **Press ENTER.**

```
SEARCH DIAL
UP/DOWN: SEARCH
>: TEL # ENTRY
```

8 **Press OFF to exit.**

Clearing a number from the phone book

If you need to clear a number from the phone book, follow these steps:

1 **Press ▶ SEARCH once.**

```
SEARCH DIAL
UP/DOWN: SEARCH
>: TEL # ENTRY
```

2 **Press ▲ or ▼ until the number you wish to clear appears in the display.**

3 **Press** ERASE/HOLD **.**

The selected number and name appear here

```
ERASE?
  000-0000
XXXXX
```

4 **Press** ENTER **.**

```
SEARCH DIAL
UP/DOWN: SEARCH
>: TEL # ENTRY
```

5 **Press** OFF **to exit.**

Deleting all numbers from the phone book

If needed, you can delete all numbers from the phone book.

1 **Press** FUNCTION/FLASH **once and** ▲ **once.**

Display:

```
>INIT. LPB
 DIRECT #
 CALLER ID
```

2 **Press** ENTER **.**

```
PRESS ENTER KEY
TO ERASE LPB
```

3 **Press** ENTER **.**

```
ERASED
```

Redial

You can automatically redial the last number dialed on the cordless handset.

1 **Press REDIAL.**

- Check the display to make sure the number that appears is the number you wish to dial. (If the wrong number appears, press OFF to clear it.)

2 **Press TALK. The number is automatically dialed.**

Note: You can also redial by pressing TALK first and then REDIAL. Note that this method does not allow you to check the number before dialing begins.

Changing the Flash Time

The **FUNCTION/FLASH** key is used to access special services from your phone company that require subscription. If you find that you cannot access a service when you press the key as instructed by the phone company, try a different flash time setting. Three time settings are available.

Display:

1 **Press FUNCTION /FLASH once and ▲ twice.**

```
>FLASH TIME
 INIT. LPB
 DIRECT #
```

2 **Press ENTER.**

```
 FLASH TIME
>400ms
 600ms
```

3 **Press ▼ to select a new time setting.**

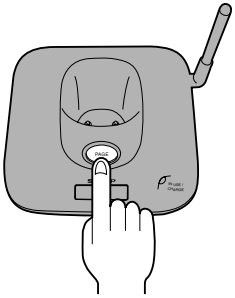
```
 400 ms
 600 ms
>800 ms
```

4 **Press ENTER.**

- The display briefly shows your new setting.

Locating the Cordless Handset

If you misplace the cordless handset, press the **PAGE** key on the base. The cordless handset will make a ringing sound to help you to locate it.



3. Caller ID (Requires Subscription to Service)

If you subscribe to a Caller ID service, you can have the cordless handset display the name and number of the caller when you receive a call.

Important:

- To use this function, you must subscribe to a caller ID service. You must subscribe separately for both the analog line and the digital line.
- Your cordless handset may not be compatible with some caller ID services.

Turning on Caller ID

		Display:
1	**Press FUNCTION /FLASH once and ▼ once.**	DIRECT # >CALLER ID ANALOG LINE
2	**Press ENTER.**	CALLER-ID YES >NO
3	**Press ▲ once to select YES.** **(To turn Caller ID off, select NO and go to Step 7.)**	CALLER-ID >YES NO
4	**Press ENTER.**	AREA CODE# MODE >SET CLEAR
5	**Press ENTER.**	AREA CODE# MODE CODE= ENTER 3 DIGITS
6	**Enter the 3 digits of your area code.**	

7 **Press** (ENTER).

How Caller ID operates

When you receive a call, the name of the caller will appear by the line (L1 or L2) in the cordless handset display, beginning just before the second ring. The information will continue to be displayed until the line is disconnected. To display the number in addition to the name, press (ENTER).

Note: Some caller ID services may not provide the name of the caller. In this case, only the phone number will appear.

Display example:

L1 JOHN DOE L2	→	Press (ENTER)	→	L1 525-8693 JOHN DOE

Display messages

One of the following messages will appear while the cordless handset rings if caller information is not available.

NO SERVICE	No caller information was received from your telephone company. Make sure that the telephone company has activated your service.
CALLER-ID ERROR	Noise on the telephone line prevented reception of caller information.
OUT OF AREA	The call was made from an area which does not have a caller identification service, or the caller's service is not compatible with that of your local phone company.
PRIVATE CALL	Caller information was not provided by the telephone company at the caller's request.

Viewing your received calls

If you subscribe to a Caller ID service, the cordless handset will keep information on the most recent 30 calls you have received. You can view this information, which consists of the date and time the call was received and the name and number of the caller, in the cordless handset's display. You can automatically dial a number when it appears in the display.

- After you have received 30 calls, each new call will delete the oldest call.
- All calls will be erased if you unplug the base or a power failure occurs.

1 **Press REVIEW ◀.**

Display:

```
REVIEW DIAL
UP/DOWN: REVIEW
HOLD: ALL ERASE
```

2 **Press ▲ or ▼ to scroll through the numbers in the list.**

Display example:

```
APR-05 5:19 PM
098-238-4683
JOHN DOE
```

3 **While viewing the list, you can do the following:**

- **Dial a number:** Scroll to the desired number and then press TALK.
- **Delete a number:** Scroll to the call you wish to erase, press ERASE HOLD, and then press ENTER.

4 **Press OFF when you have finished viewing the list.**

Erasing all of your received calls

Follow these steps to erase all of your received calls.

1	**Press** REVIEW ◀ .	Display: REVIEW DIAL UP/DOWN: REVIEW HOLD: ALL ERASE
2	**Press** ERASE HOLD .	REVIEW DIAL ERASE ALL? PRESS ENTER KEY
3	**Press** ENTER .	

- To cancel, press OFF .

4. Maintenance and Troubleshooting

Replacing the Cordless Handset Battery

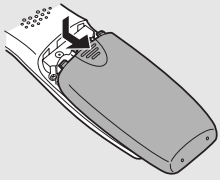
Like any other battery, the rechargeable battery will eventually wear out. The battery can normally be used for about two years, although this will vary depending on the conditions of use.

If LOW BATTERY continues to appear in the cordless handset display after the battery has been charged for 10 hours, replace it with the following battery:

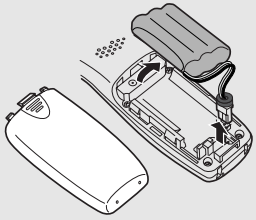
Replacement battery: Use only a **Sharp UX-BA01** battery
(3.6 V Ni-MH battery, capacity: 850 mAh)

Caution:
Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer.
Dispose of used batteries according to the manufacturer's instructions.

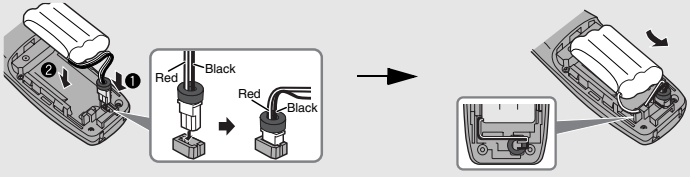
1 **Remove the battery cover by pressing on the indentation as shown.**



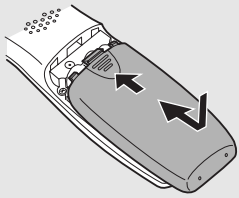
2 **Unplug the battery connector and remove the old battery.**



3 **Connect the battery connector ❶ of the new battery, and then place the battery in the cordless handset, placing the wires as shown.**

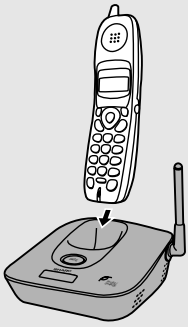


4 **Place the battery cover on the cordless handset, making sure it snaps firmly into place.**



5 **Place the cordless handset in the charger with the dial pad facing forward.**

- Let the new battery charge for at least **10** hours.

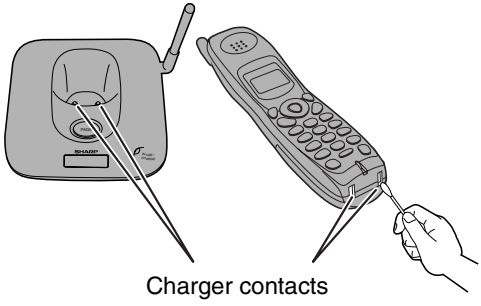


Battery disposal

The battery pack contains a Nickel Metal Hydride battery. The battery must be disposed of properly. Contact local agencies for information on recycling and disposal plans in your area.

Wiping the charger contacts

To ensure that the battery charges properly, wipe the charger contacts once a month with a cotton swab.



Charger contacts

Problems and Solutions

If you have any problems with your cordless handset, first refer to the following troubleshooting guide. If you cannot solve the problem, call Sharp's Customer Assistance Center at 1-877-794-8675.

Problem	Solution
The cordless handset does not operate and nothing appears in the display.	• Make sure the battery is properly connected inside the cordless handset (see page 8). • The battery may be low. Place the cordless handset in the base and let it charge.
Calls cannot be made or received.	• Make sure the base is plugged into a power outlet and has power. • Make sure the telephone line is properly connected to the base and the wall jack (see page 7). • The battery may be low. Place the cordless handset in the base and let it charge. • Calls cannot be made or received during a power failure. • You may be outside of the talking range. Move closer to the base.
The battery does not charge.	• Make sure the cordless handset is placed in the base with the dial pad facing forward. • Make sure the AC adapter is connected correctly to the base and the power outlet (see page 7). • Wipe the charger contacts with a cotton swab. • Make sure the battery is properly connected inside the cordless handset (see page 8). • The battery may need replacement (see page 116).

You hear noise or interference during a call.	• Make sure the base antenna is fully upright (see page 8). • Other electrical appliances may cause interference. Move away from any electrical appliances. • Move closer to the base. Note that large metal objects, metal structures, and thick walls between the base and cordless handset will reduce the talking range. If needed, try moving the base to a different location.
You hear beeps during a call.	• You will hear beeps during a call and LOW BATTERY will appear in the display if the battery is low. Place the cordless handset in the base and let it recharge. • You will hear beeps during a call and OUT OF RANGE will appear in the display if you are outside of the talking range. Move closer to the base.

Display Messages

Note: If you have turned on the Caller ID function, see page 26 for display messages related to Caller ID.)

CHARGING	The cordless handset is in the base and the battery is charging.
HOLD	A call has been placed on hold by pressing the **HOLD** key. To resume the call, press the **HOLD** key again.
IN CHARGER	The cordless handset is in the base and is fully charged (the cordless handset can be left in the base without damaging the battery).
LOW BATTERY	The cordless handset battery is low. Place the cordless handset in the base and let it recharge. If this message continues to appear after recharging, the battery may need replacement (see page 29).
OUT OF RANGE	The cordless handset is outside of the talking range of the base. When talking on the cordless handset, the handset will beep and you may hear interference. Move closer to the base.
TALK	The **TALK** key has been pressed to make a phone call.

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