# MANUAL FOR INSTALLATION AND OPERATING INSTRUCTION

# 900 MHz 40Channel Cordless Headset Telephone

## CDH-200
# OWNER'S MANUAL

## FEATURES

Our Belco CDH-200 40-Channel Cordless headset Telephone gives you communication with both portability and convenience. It comes in two parts, a headset and a base.

The phone's headset connects to a compact cordless remote keypad, so you can make calls away from its base. The headset lets you keep your hands free to do other things such as work at your home while you move.

Your Belco CDH-200 phone includes these features :

**Advanced Supper CCT Circuitry** – provides sound clarity comparable to that of a corded phone.

**Security Access-Protection Code** – prevents other cordless phone users from using your phone line while the remote keypad is off the cradle.

**10-Number Memory Dialing** – lets you store 10 numbers in memory for easy dialing.

**Auto Scan** – automatically selects a clear channel when you pick up the phone. You can also manually switch to another channel with the touch of 'CHANNEL' button.

**Redial** – lets you redial the last number dialed, with the touch of a button.

**Privacy** – prevents the person on the other end of the phone line from hearing you as you you talk to someone else in the room.

**Flash** – sends an electronic switch hook signal for use with special phone services such as Call Waiting.

**Touch-Tone or Pulse(Rotary) Dialing** – lets you use your phone with either type of service.

**Belt Clip** – lets you carry the phone's remote keypad on your belt for easy portability and also you can put a remote keypad in your pocket.

**Hearing-Aid Compatibility** - lets you use your phone with hearing aids that have a T (telephone) switch.

This phone has been tested and found to comply with all applicable UL and FCC standards.

**Important Note** : Cordless phones such as this one require AC power to operate. When the AC power is off, you cannot dial out or receive incoming calls using your CDH-200.
To be safe, you should also have a phone that does not need AC power to operate (not a cordless phone) so you can still make and receive calls if there is an AC power failure.

**Note** : Your phone operates on standard radio frequencies as allocated by the FCC. It is possible for other radio units operating nearby on similar frequencies to unintentionally intercept your conversation or cause interference. This possible lack of privacy can occur with any cordless phone.

We recommend you record your phone's serial number here. The number is on the bottom of the base.

**Serial Number** : _____

| |
|---|
| **Warning:** to prevent fire or shock hazard, do not expose this product to rain or moisture. |

| CAUTION |
|---|
| RISK OF ELECTRIC SHOCK |
| DO NOT OPEN |

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER OR BACK, NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.

This symbol is intended to alert you to the presence of unisulated dangerous voltage within the product's enclosure tht might be of sufficient magnitude to constitute a risk of electric shock. do not open the product's case.

This symbol is intended to inform you that important operating and maintenance instructions are included in the literature accompanying this product.

The supplied adapter is a Class 2 120V AC/9V DC adapter that delivers at least 200 milliamps with its center tip set to positive.

# READ THIS BEFORE INSTALLATION

We have designed your phone to conform to federal regulations, and you can connect it to most telephone lines. However, each device that you connect to the phone line draws power from the phone line. We refer to this power draw as the device's ringer equivaluation number, or **REN**. the **REN** is on the bottom of the base.

If you are using more than one phone or other device on the line, add up all the RENs. If the total is more than five, your phones might no ring. In rural areas, a total **REN of** three might impair ringer operation. If ringer operation is impaired, remove a device from the the line.

# FCC STATEMENT

This telephone complies with Part 68 of **FCC Rules.** You must, upon request, provide the FCC REgistration Number and the **REN** to your phone company. These numbers are shown on the bottom of the base.

**Note:** You must not connect your phone to any of the following:
 * coin-operated systems
 * party-line systems
 * most electronic key phone systems

| CAUTION : Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. |
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## INSTALLATION

## SELECTING A LOCATION

You can place the phone's base on a desktop, shelf, or table. Select a location that is:
* near an AC outlet
* near a telephone line jack
* out of the way of normal activities
* away from electrical machinery, electrical appliances, metal walls, filling cabinets, wireless intercomes, security alarms, and room monitors

The base's location affects the phone's range. If you have a choice of several locations, try each to see which provides the best performance.

Your telephone connects directly to a modular telephone line jack. If your telephone wiring does not have a modular jack, you can update the wiring yourself or have the telephone company update it for you. (The USOC number of the jack to be installed is RJ11C. )

Caution : The Supplied adapter is a Class 2 120V AC/9V DC adapter that delivers at least 200 miliamps with its center tip set to positive. Its plug correctly fits the phone's DC 9V jack. Using an adapter that does not meet these requirements, could damage the phone or the adapter.

## CONNECTING THE PHONE & HEADSET

After you select a location for the phone's base, follow these steps to connect it to AC power, to the base and to the phone line.

1. Insert the stereo plug from the headset cord into the headphone jack on the top of the remote keypad.

2. Plug one end of the supplied modular cord in the Tel. Line jack on the back of the base.

3. Plug the modular cord's other end into a modular phone line jack.

4. Plug the supplied AC adapter's barrel plug into the DC 9V jack on the back of the base.

5. Plug the adapter into a standard Ac outlet. the CHARGE indicator lights when the keypad is on the base.

6. Lift the base's antenna to a vertical position.

## CONNECTING AND CHARGING THE BATTERY PACK

The CDH-200 comes with a rechargeable Metal Hydrogen 3.6V/600mA battery pack in the remote keypad. You must connect and then charge the battery pack for at least 15 hours before you use it the first time.

1. Push the top of the batter cover slightly and move up to upper side, then remove the cover.

2. Slide the battery pack's connector onto the connector pins inside the battery compartment and then replace the cover.

3. To charge the battery pack, place the remote keypad on the base. The CHARGE indicator on the base lights.

Recharge the battery pack when the LOW BATT. indicator lights.

**Note :**

* When you first use the phone after charging or recharging the battery pack, the phone might not work and you might hear error tones.
  If you hear the error tones, return the remote keypad to the cradle for at least 5 seconds to reset the security access-protection code.

* About once a month, fully discharge the battery pack by keeping the phone off the base until the TALK/LOW BATT. indicator lights. Otherwise, the battery pack loses its ability to fully recharge.

* If battery power is low, the headset is not in use, the LOW BATT. indicator flashes.
  If battery power is too low, the indicator does not light.

* If the IN USE/CHARGE indicator does not light when you place the remote keypad on the base cradle, be sure the battery pack and AC adapter are correctly and securely connected. Also, check the charging contacts on the remote keypad and base.
  If the connects are dirty or tranished, clean them with a pencil eraser.

# REPLACING THE BATTERY PACK

If the battery pack does not hold a charge for more than 2 hours after an overnight charge, replace the battery pack with a new Metal Hydrogen 3.6V/600mA battery pack with a connector that fits the connector pins in the battery pack compartment.

Follow these steps to replace the battery pack

1. Push the top of the battery cover slightly and move up to upper side, then remove the battery cover.

2. Gently pull on the battery connector to disconnect it, then remove the battery pack.

3. Slide the battery pack's connector onto the connector pins inside the battery compartment and put the battery pack into the compartment.

4. Replace the battery cover.

## ATTACHING THE HEADSET HOLDER

Put the headset holder into the slot on the back of the base and slide it into place.

## ADJUSTING THE HEADSET

1. Put on the headset, and adjust the band until it rests with almost no pressure on your ear and the top of your head.

2. Hold the headset in place, and turn the microphone boom until it is about 2 inches from your month.
The microphone boom can be swiveled to position of the headset on either your right or left ear.

Note: Do not twist the mic on the end of the boom as this my damage the internal wiring.

3. Use the clothing the clip to attach the cord to your label or collar and out of your way. Leave enough slack in the cord so that you can move your hedd freely.

4. When you are not using the headset, place it on the hedset holder.

## SETTING THE DIAL MODE

Set· TONE-PULSE on the rear of the base for the type of service you have. If you are not sure which type you have, do this simple test after charging the battery.

1. Set TONE-PULSE to TONE.

2. Lift the remote keypad from the base. Then press TALK and listen for a dial tone.

3. Press any number other than 0.

If the dial tone stops, you have touch-tone service. Leave TONE-PULSE set to TONE.

If the dial tone continues, you have pulse service. Set TONE-PULSE to PULSE.

# USING THE BELT CLIP

Use the belt clip to hang the remote keypad on your belt or waisband for handsfree carrying. For handsfree carrying, you can also put this compact remote keypad into your pocket.

## OPERATION

## MAKING AND RECEIVING CALLS

Before using the phone, put the headset on and adjust it s needed and unfold the antenna. Then set RINGER to ON.

To make a call, press TALK button. You hear a dial tone and the IN-USE indicator lights. Dial the number you want to call.

To disconnect a call, press TALK button or place the keypad on the base.

To answer a call when the keypad is on the base, pick up the keypad. The IN-USE indicator lights.

To answer a call when the keypad is not on the base, press TALK button. The IN-USE indicator light.

**Note:**

* To conserve battery power, set RINGER to OFF when the remote keypad is away from the base. When you hear another phone on the same line ring, press TALK button to answer the call.
* When you press a button, a single tone indicates that the phone accepts the command, Three tons indicate that you pressed a button in error, you are out of range, or there is too much interference. If there is severe interference, move the remote keypad closer to the base before you press any key.

* If interference is severe, the remote keypad might lose communication with the base and the call might disconnect. This does not happen often, but if it does, return the remote keypad to the cradle for a few seconds.

# CHANGING CHANNEL

Your cordless headset phone has an Auto Scan feture that automatically selects a clear channel when you press TALK button. If you experience interference during a call, press CHANNEL button to swith to another channel until you have good reception.

# SETTING THE VOLUME

The volume control lets you adjust the volume you hear through the headset. This is especially useful for people who have trouble hearing, or are in an especially noisy area like a kitchen or workshop. Simply set VOLUME to the desired listening level.

# USING REDIAL

To quickly redial the last number dialed, press TALK button and then REDIAL/PAUSE.

Notes:

* The redial memory can also switch from pulse to tone dialing and can store PAUSE entries.

# USING PRIVACY

Press MUTE button to talk to someone else in the room without the person on the other end of the phone line hearing your conversation. You can still here the person on the other end of the phone line.
Release MUTE button to resume your phone conversation.

# USING FLASH

FLASH provides the electronic equivalent of a switchhook signal for special phone services such as Call Waiting.

For example, if you have Call Waiting, you can put your current call on hold and answer a second call by pressing FLASH button. Press FLASH button again to alternate between the two calls.

Notes:

* The redial memory does not store the FLASH entry or the digits you press after FLASH.

* If you do not have any special phone services. pressing FLASH button might disconnect your current call.

# USING TONE SERVICES ON A PULSE LINE

Some special phone services, such as bank-by phone, require tone signals. If you have pulse service, you can still use these special tone services.

1. Dial the service's main number.

2. Press TONE/# at the point where tone signals are required, then dial the additional numbers. The phone sends these numbers as tone signals.

3. The phone automatically resets to the pulse mode when you hang up.

## MEMORY DIALING

The memory dialer stores up to 10 phone numbers of up to 16 digits each for automatic dialing. The 0 thru 9 buttons on the keypad recall and dial the phone numbers.

Notes:

* To keep your accounts secure, we recommend you do not store your personal access code for services such as bank-by phone in a memory location.

* When storing numbers for special services such as alternate long distance or bank-by-phone, store the service's main phone number in one memory location and numbers for additional information in other locations.

### Storing a Number in Memory

Follow these steps to store phone numbers in memory.
1. With the IN-USE indicator off, press **MEMO** button.

2. Enter the phone number you want to store

3. Press **MEMO** button again.

4. Press a number key(0-9). The number key you press is the memory location number for the phone number you are storing. A long beep sounds, and the phone number is stored.

Notes :

* If you receive a call while you are storing a number in memory, press **TALK** button to answer the call. After the call, begin again at step 1.

* To change a number stored in memory, simply store a new number in that memory location.

### Entering a Pause in a memory Number

In Some telephone systems, you must dial an access code(9, for example) and wait for a second dial tone before you can dial an outside number. To enter a 3-second pause, press REDIAL/PAUSE button at the appropriate point when you store a number.

To to enter another 3-second pause, press REDIAL/PAUSE button again.

### Testing Stored Emergency Phone Numbers

If you store an emergency service's number (police department, fire department, ambulance) and you want to test the stored number, make the test call during the late evening or early morning to avoid peak demand periods. Remain on the line to explain the reason for your call.

### Dial a Stored Number

Follow these steps to dial a stored number.

1. Press TALK button. (You can here a dial tone.)

2. When you here a dial tone, press MEMO button.

3. Press memoy location number(0-9) you stored.

### Chain Dialing Service Numbers

You can dial several telephone numbers stored in different memory locations during one phone call. This is useful when you must dial more than one number in memory to complete a call, such as frequent calls using an independent long distance service.

## TROUBLESHOOTING

We do not expect you to have any problems with your phone, but if you do the following suggestions might help.

| SYMPTOM | SUGGESTION |
|---------|------------|
| Interference is severe | Move remote keypad closer to the base. |
| | Keep the base and remote keypad away from interference sources such as computers, radio-controlled toys, wireless microphones, wireless alarm systems, wireless intercoms and room monitors, Fluorescent lights, and electrical appliances. |
| | Turn off the interfereing device. |
| | Hang up and redial the number. |
| The range decreases | Set the base's antenna to a vertical position. |
| The volume level drops or you hear unusual sounds when someone picks up another phone on the same line. | Hang up the second phone |
| The phone does not work | Move the remote keypad closer to the base. |
| | Ensure the phone's modular cord and the AC adapter are correctly and securely connected. |
| | Recharge the remote keypad's battery pack. (If the battery power is too low, the Batt. Low indicator does not light.) |
| | Reset the security access-protection code by placing the remote keypad in the cradle on the base, disconnect AC power and then reconnect AC power. |

# CARE AND MAINTENANCE

## THE FCC WANTS YOU TO KNOW

In the unlikely event that your phone causes problems on the phone line, the phone company can temporarily discontinue your service, If this happens, the phone company attempts to notify you in advance. If advance notice is not practical, the phone company notifies you as soon as possible and advises you of your right to file a complaint with the FCC.

Also, the phone company can make changes to its lines, equipment, operations, or procedures that could affect the operation of this telephone. The telephone company notifies you of these changes in advance, so you can take the necessary steps to prevent interruption of your telephone service.

Your phone might cause TV or Radio Interference even when it is operating properly. To determine whether your phone is causing the interference, turn off your phone. If the interference goes away, your phone is causing the interference. Try to eliminate the interference by:

* Moving your phone away from the receiver.

* Connecting your phone to an AC outlet that is on a different electrical circuit from the receiver.

## LIGHTNING

Your telephone has built-in lightning protection to reduce the risk of damage from surges in telephone line and power line current. This lightning protection meets or exceeds FCC requirements. However, lightning striking the telephone or power lines can damage your telephone.

Lightning damage is not common. Nevertheless, if you live in an area that has severe electrical storms, we suggest that you unplug your phone during storms to reduce the possibility of damage.

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### Limited Warranty

This telephone product is warranted against manufacturing defects in material and workmanship for one(1) year from the date of purchases from the store. With this period,

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