

900MHz DSSS DIGITAL CORDLESS TELEPHONE

MODEL : HD-950

USA/CANADA VERSION

USER'S MANUAL

HC TELECOM CO., LTD.
FCC ID: ON7HD-950
EXHIBIT #: 15-A

HC Telecom Co., Ltd.

FCC NOTICE

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.

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 communication. 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.

NOTE : The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

INDUSTRY CANADA INFORMATION

NOTICE

The Industry Canada label identifies certified equipment. This certification means that the equipment meets telecommunications network protective, operation and safety requirements as prescribed in the appropriate Terminal Equipment Technical Requirements document(s). The department does not guarantee the equipment will operate to the user's satisfaction.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be coordinated by a representative designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

Caution : Users Should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate."

NOTICE

The Ringer Equivalence Number (REN) assigned to each terminal device provides an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the Ringer Equivalence Numbers of all the devices does not exceed 5."


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CARTON CONTENTS

- HD-950 Base and Handset
- Rechargeable Ni-Cad Battery (3.6V,600mAh)
- AC Adaptor (DC9V,300mAh, )
- Telephone Line Cord
- User's Manual
- Warranty Card


INSTALLATION

How to Install the Ni-Cad Battery

1. Remove the battery compartment cover of the handset by sliding it down.
2. Connect the battery plug along the slot into the handset's battery connector.
3. Insert the Ni-Cad battery pack into the battery compartment.
4. Replace the battery compartment cover by sliding it up towards the handset.

NOTE : The Ni-Cad battery must be fully charged at least 12 hours before initial use.
Please refer to the "Charging the Battery (Full Charge)" section.

POWER CONNECTION

 **CAUTION :** You must use a 120Volt AC/9Volt DC adaptor that delivers at least 300 milliAmps. The center tip must be positive and the plug must correctly fit the machine's DC 9V jack.

1. Plug the AC Adaptor into a standard AC outlet.
2. Plug the adaptor plug into the DC 9V jack on the rear of the base.

CHARGING THE BATTERY (FULL CHARGE)

1. Once the base unit has power connection, place the handset in its cradle on the base unit.
2. Leave the handset on the cradle for at least 12 hours for a full charge.

NOTE : The Ni-Cad battery is continuously charged when the handset is on the cradle of the base unit.

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PREPARING FOR INITIAL USE

1. Setting the Battery on handset.
2. Ensure that the Ni-Cad battery is installed and fully charged before initial use.
3. Check phone line and power connections.
4. Adjust the base unit antenna for best reception.
5. Push the handset **TALK** button to confirm that you have a dial tone. If you do not get a dial tone, please refer to the Troubleshooting chart.

TELEPHONE OPERATION

To Place a Call (TALK MODE)

1. Press **TALK** button on the handset. The IN-USE indicator will light up solid when it finds a clear channel.
2. Listen for a dial tone.
3. Once you hear the dial tone, enter the telephone number on the handset keypad.

To Receive a Call

If the handset is on the base :

- ✦ Since the HD-950 features "Auto-Answer," simply pick up the handset from the base cradle when the phone rings and start conversation with the caller.

If the handset is out of the base :

- ✦ Press the any button on the handset and start conversation with the caller.

To End Call (Standby Mode)

If you picked up the handset from the base unit :

- ✦ Since the HD-950 features "Auto-Standby," simply return the handset to the base to end the call. The HD-950 will automatically go to standby mode.

If you picked up the handset away from the base unit :

- ✦ Press the **TALK** button once again to end the call if you were away from the base unit when you picked up the call. The HD-950 will go to standby mode.

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Last Number Redial (R/P)

If you get a busy signal, you can use the Redial function to automatically dial the last phone number dialed (up to 32 digits)

- ✦ Pick up the handset and press the **TALK** button.
- ✦ Listen for a dial tone.
- ✦ Press the **Redial/Pause (R/P)** button to automatically dial the last phone number you dialed.

Pause Function (R/P)

In some cases, such as PABX or long distance service, a pause may be needed in the dialing sequence. Pressing the R/P button on the handset inserts a 2-second delay between dialed numbers. Pause(s) can be inserted into the programmed dialing sequence in memory dialed.

Flash Function (FLASH)

Used to access custom calling features such as Call Waiting or Three-Way Calling provided by your local phone company. Consult your local phone company for details.

Memory Dialing (MEMO)

You can store and recall up to 20 phone numbers (up to 16 digits each) from the handset.

Storing Telephone Numbers

1. Make sure the handset is in standby mode (IN-USE indicator is off).
2. Press the **MEMO** button on the handset. The IN-USE LED will begin flashing.
3. Enter the telephone number you want to store (maximum of 16 digits) on the handset.
4. Press the **MEMO** button once again.
5. Enter a two digit memory index number (01-20) where you want to store the phone number. The IN-USE LED will stop flashing and you will hear two confirmation beeps.
6. Repeat steps 1 to 5 to store additional telephone number.

NOTES :

- ✦ The maximum number of digits that can be stored for each phone number is 16 digits both in pulse and tone mode. The limit is only 15 digits when using Mixed Mode Dialing.
- ✦ Pauses can be programmed into a memory dialing sequence. Each pause occupies one digit. If you are using a switchboard system to access an outside line, press the R/P button on the handset to store a pause.

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USA/CANADA VERSION

- ◆ Always enter two digits (01-20) when storing or recalling memory index numbers.

Recalling a Number from Memory

1. Press the **TALK** button on the handset and listen for a dial tone.
2. Press the **MEMO** button on the handset.
3. Enter the index number (01-20) on the keypad for the number you have stored. The stored number will be dialed automatically.

Changing Stored phone Numbers

1. Follow the steps described in the section "Storing Telephone Numbers."
2. The new phone number will automatically replace the previous one.

1-Way PAGE Function

- ◆ If the handset is misplaced, press the **PAGE** button on the base unit to locate the handset. Each press of this button will activate the handset to sound a series of two short beeps for, provided that the handset is on standby mode and located within transmitting range.
- ◆ You can alert the handset user who is away from the base by pressing the **PAGE** button on the base unit.

HOLD Function

- ◆ While on a call, pressing the **HOLD** button will place that call on Hold. The IN USE light will flash quickly to indicate that the call is in Hold.

To Adjust Handset Ringer Volume

1. Ensure that the handset is in the standby mode.
2. Press VOL▲ to set the handset to ring loud.
Press VOL▼ to ring at a lower volume.

To Adjust Handset Receiver Volume

1. Press the **TALK** button and listen for a dial tone.
2. Press VOL▲ repeatedly to increase the handset receiver volume. Press VOL▼ repeatedly to lower the handset receiver volume.

NOTE : The handset will chime when the maximum/minimum limit for adjusting the volume level is reached. A total of 4 volume levels are available.

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User Selectable Ringer Tones

There are four user-selectable ringer tones available for the HDM-911A.

1. While in the standby mode, press the **FLASH** button.
2. Press a key (1 to 4) to select a ringer tone mode.

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TROUBLESHOOTING

SYMPTOM	SOLUTION
No dial tone	<ul style="list-style-type: none">✦ Check for the telephone line cord connectors at both ends that they are pushed in firmly until they click.✦ IF you had a power failure or had unplugged the base unit, replace the handset on the base unit for two to five seconds to reset the system.
Does not ring	<ul style="list-style-type: none">✦ You may have exceeded the Ringer Equivalence Number(REN) limit of how many phones can be connected to the same line. The REN total of all devices(printed on the bottom label of each unit) should not exceed five(5). Disconnect the appropriate units to lower the REN total.
No power on the handset unit	<ul style="list-style-type: none">✦ Check the Ni-Cd battery pack connection inside the battery compartment on the handset.✦ The handset rechargeable Ni-Cd battery pack may need to be charged.
Does not charge	<ul style="list-style-type: none">✦ Make sure the charging contacts on both the base unit and the handset are in contact during charging.✦ The charging contacts may need to be cleaned with an alcohol-moistened cloth.✦ The Ni-Cd battery pack may need to be discharged first before a full charge.
Range is limited	<ul style="list-style-type: none">✦ Raise or reposition the antenna on the base or handset.✦ Move the base unit so that it is centrally located in your residence or office and make sure that the base unit is not located near appliances.
Calls received flutters or fades	<ul style="list-style-type: none">✦ The handset rechargeable Ni-Cd battery pack may need charging.✦ You may be out of normal operating range. Move closer to the base unit.
Cannot store or recall phone numbers from memory	<ul style="list-style-type: none">✦ When storing phone numbers, make sure that the handset is in the standby position.✦ When recalling stored phone numbers, check first for a dial tone.✦ Always use two digits when entering/recalling memory index numbers.