

**OWNER'S INSTRUCTION
MANUAL**

1.9G

Cordless Phone

MODEL 801501TP227F

CORTELCO

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PURCHASE OF THE PRODUCT. **CORTELCO** ASSUMES NO RESPONSIBILITY FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.

If failure occurs and your telephone is in warranty, service shall be provided by returning it to **CORTELCO - Repair Center, 1703 Sawyer Road, Corinth, Mississippi 38834, shipping prepaid**. The product will be repaired or replaced if examination by us determines the product to be defective. Telephones received damaged as a result of shipping will require you to file a claim with the carrier.

LIMITED WARRANTY

If you purchased this product new in the U.S. or Puerto Rico, **CORTELCO** warrants it against defects in material and workmanship for a period of one (1) year from the date of original purchase. This warranty is in lieu of all other express warranties. During the warranty period, **CORTELCO** agrees to repair or, at its option, replace the defective product, or any part of it without charge for parts or labor. This is your exclusive remedy. This warranty does not cover damage resulting from accident, misuse, abuse, improper installation or operation, lack of reasonable care, the affixing of any attachment not provided by **CORTELCO** with the product and loss of parts. The warranty is voided in the event any unauthorized person alters or repairs the unit.

Telephone companies use different types of equipment and offer various types of services to customers. **CORTELCO does not warrant that this product is compatible with the type of equipment of any particular phone company or the services provided by it.**

CORTELCO DISCLAIMS ANY IMPLIED WARRANTY, INCLUDING THE WARRANTY OF MERCHANTABILITY AND THE WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AS OF THE DATE ONE YEAR FROM THE ORIGINAL

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**THANK YOU
FOR PURCHASING THE
801501TP227F
1.9G Cordless Phone**

We want you to know all about your new telephone, how to install it, the features it provides, and the services you can expect from its use. We have included this information in your Owner's Instruction Manual.

**PLEASE READ BEFORE INSTALLING AND
USING YOUR NEW TELEPHONE**

OUT-OF-WARRANTY REPAIR We will repair this product for a nominal fee after the LIMITED WARRANTY has expired if you send it to us in a complete and undamaged condition. The repaired unit will be shipped to you C.O.D., freight collect.

RETURN-FOR-REPAIR PACKAGING If you are returning a unit to us for repair, package it carefully, preferably in the original carton. Be sure to include your return address, a copy of the sales receipt showing date-of-purchase, and a note describing the problem you have with your Telephone. Shipping must be prepaid. If the telephone is in warranty, it will be repaired or replaced, at our option, at no cost to you, and it will be returned shipping prepaid.

Ship your telephone (shipping prepaid) to:

CORTELCO
REPAIR CENTER
1703 SAWYER ROAD
CORINTH, MS 38834

Telephone Repair

DO NOT ATTEMPT TO REPAIR THIS PRODUCT YOURSELF. Telephones manufactured by CORTELCO must be returned to us for repair. You can return your telephone to CORTELCO for repair or replacement in accordance with our **LIMITED WARRANTY**.

CORTELCO warrants **THIS PRODUCT** against defects in material and workmanship in accordance with our **LIMITED WARRANTY**. If your telephone is returned for repair, include a copy of your sales receipt containing the date-of-purchase. **DO NOT INCLUDE THE ORIGINAL SALES RECEIPT.**

If date-of-purchase is not included, the factory date printed on the label on the bottom of your telephone will be used as the date-of-purchase. The factory date allows six months for distribution and sale of this product. If you return your telephone for repair, the warranty period is not extended. The original date-of-purchase continues to apply to your warranty.

Important Safety Instructions

Always follow basic safety precautions when using your telephone to reduce the risk of fire, electrical shock and injury.

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the product.
3. Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this product near water, for example, near a bath tub, wash bowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool.
5. Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious damage to the product.
6. Slots and openings in the cabinet and the back or bottom are provided for ventilation. To protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the product on the bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation unless proper ventilation is provided.
7. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your dealer or local power company.

8. Do not allow anything to rest on the power cord. Do not locate this product where the cord will be damaged by persons walking on it.
9. Do not overload wall outlet extension cords, as this can result in the risk of fire or electric shock.
10. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on this product.
11. To reduce the risk of electric shock, do not disassemble this product. Instead, when some repair work is required, take the unit to a qualified technician. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the appliance is subsequently used.
12. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - a. When the power supply cord or plug is damaged or frayed.
 - b. If liquid has been spilled into the product.
 - c. If the product has been exposed to rain or water.
 - d. If the product does not operate normally by following the operating instructions, adjust only those controls that are covered by the operating instructions because improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
 - e. If the product has been dropped or cabinet has be damaged.

HEARING-AID COMPATIBILITY The handset on your telephone will work with magnetically-coupled hearing aids. You can use a hearing aid equipped with a T (Telephone) switch.

IN CASE OF TROUBLE If your telephone should cause problems on the telephone line, the telephone company can temporarily disconnect your service. The telephone company must then notify and allow you to correct the problem.

The telephone company may from time to time change its lines or equipment. They must notify you if planned changes will affect your telephone service, to allow you to take steps to prevent interruptions.

Part 15 regulates the electromagnetic energy emitted by equipment to minimize interference to radio, television, and other wireless devices. This telephone complies with Part 15 of the FCC Rules. In the unlikely event that interference occurs, move the telephone and/or radio, television, etc. to increase the separation distance.

FCC Information

Part 68 is a Federal regulation which requires equipment to be tested and registered with the FCC prior to its connection to the network. This equipment complies with Part 68 of FCC rules. On the bottom of the telephone is a label that contains, among other information, the FCC Registration Number and the Ringer Equivalence Number (REN) for this equipment. You must, upon request, provide this information to your telephone company.

The **Ringer Equivalence Number**, which is used to determine the number of devices you may connect to your phone line, indicates the amount of power that your telephone draws from the telephone company line during ringing. If you have more than one telephone (or other terminal device) connected to the telephone company line, you should total the ringer equivalence numbers (REN s), and be sure that the total is not more than five. Your telephones may not ring if the total is more than five. Also, in some rural locations, your telephone may not ring if the REN total is more than three.

RESTRICTIONS You must not connect your telephone to coin-operated lines or party lines.

INSTALLATION This model telephone must be connected to the telephone company lines through a modular jack. The required USOC for the modular jack is RJ11C for desk mounting and RJ11W for wall mounting. The USOC number is printed on the label on the bottom of your telephone.

- f. If the product exhibits a distinct change in performance.
13. Avoid using a telephone during an electrical storm. There may be a risk of electrical shock from lightning.
14. Do not use the telephone to report a gas leak in the vicinity of the leak.
15. Plug the power adaptor into an electrical outlet that is near the equipment and easily accessible.

Safety Instructions for Handset Battery Pack

CAUTION:

There is a danger of explosion if the batteries are incorrectly replaced. Use only approved batteries in the handset of your telephone. To reduce the risk of fire or injury, be careful not to short the batteries with conducting materials such as rings, bracelets, and keys. The batteries or conducting material may overheat and cause burns.

CONTAINS NICKEL-METAL HYDRIDE BATTERY. BATTERY MUST BE RECYCLED OR DISPOSED OF PROPERLY

1. Do not dispose of the batteries in a fire. They may explode. Check with local codes for possible special disposal instructions.

2. Do not open or mutilate the batteries. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
3. Exercise care in handling batteries in order not to short the battery with conducting materials such as rings, bracelets and keys. The battery or conductor may overheat and cause burns.
4. Charge the batteries only in accordance with the instructions and limitations specified in this manual.
5. Observe proper polarity orientation for the batteries as marked in the telephone.
6. Do not mix old and new batteries.
7. Do not mix batteries of different sizes or from different manufacturers.
8. Use only the power supply which came with the phone.

Technical Specifications

Frequency Range	1.92-1.93GHz
Channels	5 Channels
Modulation	GFSK
Frequency Stability	< \pm 50 KHz
Charging time	15 hours
Ambient temperature	Normal: 15°C ~ 35°C, Extreme: 0°C ~ 40°C
Humidity	0%-90%
Weight (grams)	Base: 131.4; Handset: 82.8
Dimensions (mm)	Base: 141 x 95 x 70; Handset: 125 x 46 x 24
Power Supply	Base input: 9V, 300mA; Handset input: Ni-MH: 1.2V x 3, 600mAh

 **Design and specifications are subject to change without notice.**

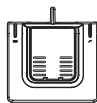
Troubleshooting

Symptom	Check & Remedy
No operation	<ul style="list-style-type: none">• Check that the power adapter is properly connected.• Check that the telephone line cord is properly connected.• Check that the handset batteries are fully charged.• Check that the handset batteries are installed properly.
No dial tone	<ul style="list-style-type: none">• Check that the telephone line cord is properly connected.• Check that the power adapter is properly connected.
Nothing appears on the display	<ul style="list-style-type: none">• Check that the handset batteries are installed properly.• Check that the handset batteries are fully charged.• Check that the handset is on.
Handset seems to have very short battery life	<ul style="list-style-type: none">• Check the charge contacts.• Consistently short battery life may indicate that replacement of the batteries is necessary.• Make sure the right batteries are used.
Caller's number is not displayed	<ul style="list-style-type: none">• Make sure you have subscribed to a Caller ID service via your network provider.• The caller may have withheld their details.• Let the phone ring a couple of times as there may be a delay in receiving the Caller ID information.

Prior To Use

■ Unpacking

Once you have unpacked your phone, make sure that all the parts shown below are available. If any pieces are missing or broken, please promptly call your dealer.



Base



Handset



User's manual



3 AAA Ni-MH batteries



Adapter*



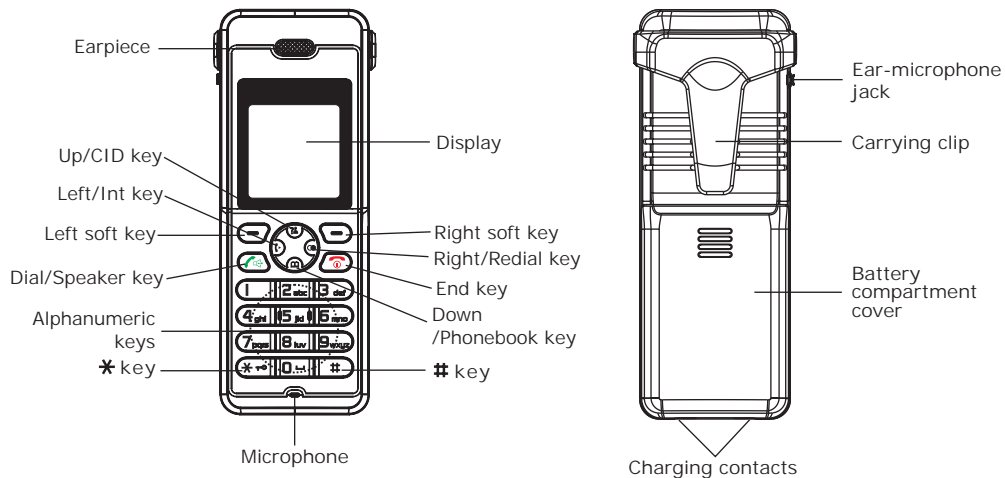
Line cord*



Carrying clip

Phone Layout and Keys Function

Handset



Feature List

- DECT 6.0 technology
 - 5 row dots matrix LCD display (128 x 64 dots matrix display)
 - Up to 5 handsets for optional for one base
 - Up to 4 bases for optional for one handset
 - LCD contrast adjustable
 - Phonebook with up to 50 groups
 - 9 VIP ring tones setting for phonebook entries
 - Redial book with up to 10 entries
 - 10 melody ringer and volume selectable
 - Key tone ON/OFF selectable
 - Range alarm
 - Full handsfree speakerphone
 - Internal call
 - Call transfer
 - 3-way conference call
 - Receiver/Speaker volume adjustable
 - Mute
 - PIN protection
 - Predialing
 - Redial, Flash, Pause
 - TONE/PULSE dialing mode selectable
 - FLASH time selectable
 - Call duration display
 - Date & Time setting
 - Keypad lock
 - 9 languages selectable
 - Auto answer ON/OFF selectable
 - Alarm clock include snooze option
 - Handset Name setting
 - Backlit LCD screen and keypad
- Caller ID**
- FSK and DTMF dual system Caller ID
 - Caller ID / Call Waiting
 - Caller ID list with up to 40 entries
 - Incoming calls can be called back/added to phonebook/deleted
 - New call indicator
 - Message waiting
- Note:**
- The caller ID feature is only available if you subscribe to a Caller Display service from your network provider.

■ Caller ID on call waiting

When you subscribe to Call Waiting service from your local telephone company, the telephone will display the name and number of the second caller while you are having a conversation.

Caller ID info displayed

Caller 1
4361234

Caller two's information is displayed

Caller 1
4
Caller 2
2915678

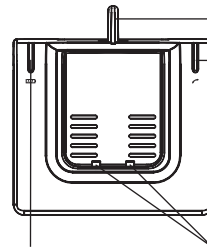
1. When you are on the line, the telephone will automatically display the name and number of the second caller.
2. Press the **Flash** soft key to answer the second caller.
3. When you have finished, press the **Flash** soft key to continue with your conversation with the first caller.

Note:


- If you have transferred an external call to another handset, you cannot use the call waiting function via the second handset.

■ Phone Layout and Keys Function (continued)

Base



Antenna

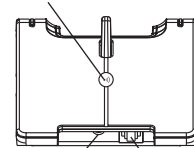
In use indicator flashes when you press the  key. It also flashes when you page the handset.

Charge indicator lights steadily while the handset is charging.

Charge pins

Rear View

Page button
Pages the handsets.
Also used to register a new handset.



Power Jack

Phone Line Jack

■ Keys Description



Dial/Speaker key

Make/Answer a call.

Activates the speakerphone if pressed during a call, as described in page 25.



End key

End a call.

Long press to activate power on/off, as described in page 12.

Navigation key:



Up/CID key

Scroll up through lists and menu options.

Increase the earpiece/speakerphone volume during a call.

Enter the CID book, as described in page 19.



Down/Phonebook key

Scroll down through lists and menu options.

Decrease the earpiece/speakerphone volume during a call.

Enter the Phonebook, as described in page 29.



Left/Int key





Set up an internal call to another handset.

Transfer an incoming call to another handset.

Set up a conference call with an external line and an internal handset.

Setting up a 3-way conference call

When you have both an external call and an intercom call in progress, you can set up a three-way conference call, like this:

1. During an external call, press the  key and then the number of the handset you want to join the 3-way call.
2. The called party press  key to answer.
3. The calling party can press the  key to start the 3-way call.
4. Either of the two internal handsets can press the  key to leave the conference call at any time.


Note:

- *If one of the handsets drops the conference call, the remaining handsets will continue the conference.*



■ Calling with more than one Handset

If you have more than one handset registered to the same base, you can make internal calls and transfer an external call between the registered handsets.



Making an internal call

1. Press the  key, the LCD displays as follows, then enter the number of the handset you want to call.






2. If the destination handset is unavailable, the handset will return to standby mode. If the handset entered is valid, the called handset will ring and display **HSX Calling**. The handset user can press the  key to answer the internal call.
3. At the end of your conversation, press the  key.

Note:

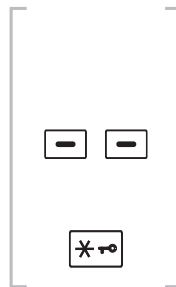
- During the internal call, if an external call comes in, the LCD will show the caller's number. You should press the  key to end the internal call first then press the  key to answer the call.

Call transfer between handsets

You can transfer an external call between the handsets those are registered to the same base.

1. During an external call, press the  key then enter the number of the handset you want to transfer the call to.
2. If the called party can answer your call, he/she can press the  key to talk with you. At this time you can inform him/her of the incoming call.
3. When the called party answers, press the  key or replace the handset to the base to complete the transfer.

■ Keys Description (continued)



Right/Redial key

Enter the redial book, as described in page 17. Insert a pause when pre-dialing a number.

Left/Right soft key

Perform the functions indicated by the text immediately over it (on the bottom line of the display) which changes time by time.

*** key**

Press and hold to turn on/off keypad lock function. Set up a conference call, as described in page 39.

LCD Window Icons Description



New Call

Indicates you have missed one or more calls.



MSG Waiting

Indicates you have one or more voice messages.



Off Hook

Indicates the line is engaged.



Hands-free

Indicates the handsfree function is enabled.



Battery Icon

Indicates battery charge level.



Signal Icon

Indicates whether the current signal exists or not. If the handset is too far from the base, this icon will blink on the LCD.



Alarm Icon

This icon appears when you set an alarm to ring at a specified time.








Keypad lock

This icon appears when the keypad is locked.

Registration

The supplied handset is already registered with the number 1. You can register to your base additional handsets (up to 5 in total) in order to share the same line with other people.







Before registering a handset to the base, you should press and hold base unit  key for about 5 seconds until the **In Use** indicator starts flashing rapidly.

1. Press the **Menu** soft key.
2. Press  or  key repeatedly to choose the **Registration**, then press the **Select** soft key.
3. Use  or  key to scroll through the Base names list, press the **Select** soft key to choose a base to your necessary. The handset will search for the requested base and the relevant information will flash on the LCD.

4. If the base is found, you will be prompted to enter the PIN code (the default one is 0000). Enter it then press the **Select** soft key. If the PIN code is correct, the Registration tone will sound and then the base assigns a number to the handset, otherwise a warning tone will sound, and then the handset returns to the previous registration state.
5. If the base is not found, the handset will behave according to the Out of Range condition.





Selecting a Base

This function allows you to select a base from those already registered to the handset. You can access the options by scrolling the menu.

1. Press the **Menu** soft key.
2. Press  or  key to choose **HS Settings**, then press the **Select** soft key.
3. Press  or  key to choose **Select Base** menu, press the **Select** soft key.
4. You can use  or  key to select the base you want, then press the **Select** soft key. If you select a non-existent base, the handset will sound a warning tone.
5. The display will show **Selected BSX**. Press the **Select** soft key to confirm. A confirm tone will be heard.

HS Reset

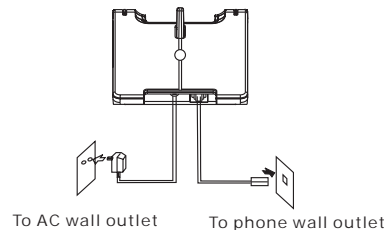
If you reset the handset, all the features under **HS Settings** menu will be restored to the factory initial setting: Alarm, Audio Setup, Ring Setup, Tone Setup, Language, HS Name, Auto Answer and Date & Time. But LCD Contrast can not be restored.

1. Press the **Menu** soft key.
2. Press  or  key to choose **HS Settings**, then press the **Select** soft key.
3. Press  or  key to choose the **HS Reset** menu, press the **Select** soft key. You will be prompted to enter the PIN code.
4. Enter the PIN code (the default one is 0000), then press the **Reset** soft key. If the PIN code is validated all handset settings will return to the factory default, otherwise a warning tone will be heard and the settings will remain.

Result: After resetting, the handset will return to standby mode.

Connecting Lines

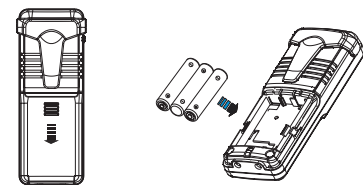
1. Connect one end of the phone line cord to the phone line jack of the base, and the other end to a standard phone wall outlet.
2. Connect the modular end of the AC power adapter to the power jack of the base, then plug the AC adapters into a standard AC wall outlet.



Installing Batteries

The rechargeable Ni-MH batteries (AAA size, 1.2V, 600mAh) come with your phone. Install the batteries before use.

1. **Slide the battery cover in the direction of the arrow and pull it out.**
2. **Insert new batteries as indicated, matching correct polarity (+,-).**

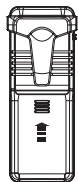


Note:

- Reversing the orientation may damage the handset.

■ Installing Batteries (continued)

3. To replace the battery cover, slide the cover up until it snaps in place.



Notes:

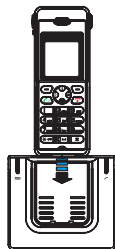
- The batteries need to be replaced if they do not recover their full storage capacities after recharging.
- When replacing the batteries, always use good quality Ni-MH re-chargeable batteries. Never use other batteries or conventional alkaline batteries.

■ Charging Handset

! Important Note: Before initial operation, **YOU SHOULD FULLY CHARGE THE HANDSET** for about **15 hours**.








To charge the handset, you should place it on the base.

Result: When you place the handset on the base, the handset automatically turns on and the **Charge** indicator lights on during the charge.





LCD Contrast Setting







The adjustment allows you to optimize the visibility of the display by changing its contrast according to the environment conditions.

1. Press the **Menu** soft key.
2. Press  or  key to choose **HS Settings**, then press the **Select** soft key.
3. Press  or  key repeatedly to choose **LCD Contrast**, then press the **Select** soft key.
4. Use  or  key repeatedly to choose among the 17 available contrast levels, then press the **Save** soft key.
5. Press the  key to return to standby mode.



Setting Date & Time

1. Date & Time Format

1. Press the **Menu** soft key.
2. Press  or  key to choose **HS Settings**, then press the **Select** soft key.

3. Press  or  key to choose **Date & Time** menu, press the **Select** soft key.
4. Use  or  key to choose **Date Format** or **Time Format**, press the **Select** soft key.
5. You can use  or  key to choose the Date Format (**DD-MM/MM-DD**) or the Time Format (**12-Hour/24-Hour**), press the **Save** soft key to save.

2. Setting date & time








1. Perform steps 1 to 3 of previous paragraph.
2. Press  or  key to choose **Set Date** or **Set Time** menu, press the **Select** soft key.
3. Enter the current date/time by numeric keypad and press the **Save** soft key to save and exit.

Notes:

- If you select **12-Hour**, **AM/PM** will appear on the right of the time in standby mode.
- At step 3 you need to enter the time in **24-Hour** format.







Audio Setup

You can also use the menu to adjust the audio volume.

1. Press the **Menu** soft key.
2. Press  or  key to choose **HS Settings**, then press the **Select** soft key.
3. Press the  key to choose **Audio Setup** menu, press the **Select** soft key.
4. Use  or  key to choose **Speaker V.** or **Earpiece V.**, press **Select** soft key.
5. The display shows the current setting. Use the  or  key to choose the volume level (Volume 1 -Volume 5), press the **Save** soft key.

Key Tone

Every time you press a key, your handset acknowledges it with a key tone. You can disable the key tones for a silent use. In certain error conditions, a warning tone will sound when an incorrect key is pressed.

1. Press the **Menu** soft key.
2. Press  or  key to choose **HS Settings**, then press the **Select** soft key.
3. Press  or  key to choose **Tone Setup** menu, press the **Select** soft key.
4. Press the **Select** soft key again to choose **Key Tone**.
5. You can use  or  key to choose **On** or **Off** to enable or disable the function.
6. Press the **Save** soft key.

Note:

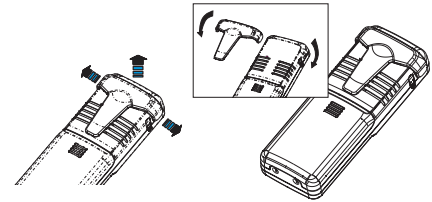
- For normal use, we recommend you leave the key tone enabled. This makes the phone easier to use.

Using Handset Carrying Clip

The supplied handset carrying clip allows you to conveniently carry the handset with you. It clips easily to your belt, waist band, or shirt pocket.

If you want to remove the carrying clip:

Insert a screw driver along the edge of one of its arms and release the clip. Then lift it off.

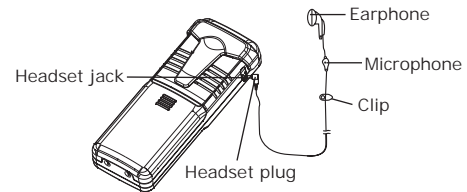


Using Headset (optional)

The headset jack is located in the left side of the handset and is 2.5mm standard plug. Simply plug the headset into the jack and the headset will be activated.


Note:

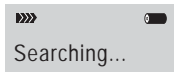
- When the headset is plugged into the headset jack the microphone on the handset will be deactivated.



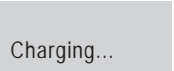
■ Turning Handset On/Off

When the handset is in power off mode and you place it on the base, it automatically turns on. To turn the handset on or off in standby mode, follow these steps:

1. To turn the handset on, press and hold the  key until the display is switched on. While the handset searches for a base, the signal icon will flash and the following message will be displayed.



2. To turn off the handset, keep the  key pressed until the display is switched off.

A rectangular display area with a grey background. In the center, the text "Charging..." is displayed.

When the handset has found the base, it will enter the standby mode, the display will show handset number and the handset name (if you have one saved as described on page 23), signal icon, battery icon and current time. If the handset is unsuccessful in finding a base, the handset will behave according to the Out of Range condition.





Note:



- If the battery power is very low when you place the handset on the base, the following message will be displayed. **YOU SHOULD FULLY CHARGE THE HANDSET BEFORE USING.**

■ HS Settings


Setting Alarm

You are able to set the alarm on the handset and adjust the alarm settings.

1. Press the **Menu** soft key.
2. Press  or  key to choose **HS Settings**, then press the **Select** soft key.
3. Press the **Select** soft key to choose **Alarm** menu.
4. The display shows the current set. Use the  or  key to select **On/Off**, press the **Select** soft key.
5. If you select **On**, the display indicates you to enter the time in **HH:MM** format. Use the numeric keypad to enter.





6. Press the **Next** soft key, a beep sounds and the display shows **Snooze On/Off**, you can press  or  key to enable or disable the snooze function on the alarm and press the **Save** soft key.
7. When the alarm sounds, press any key to stop the ring.

Notes:

- At step 5 you need to enter the time in 24-Hour format.
- If you press any key at the right time the alarm to ring, the alarm will be silent.
- If you choose **Snooze On**, the alarm will ring at regular intervals of 11 minutes. If you press the  key when the alarm sounds, the option will be switched to **Snooze Off**.





Modify PIN

This function allows you to change the PIN number of the currently active Base. The default PIN is 0000.

1. Press the **Menu** soft key.
2. Press  or  key to choose **BS Settings**, then press the **Select** soft key.
3. Use  or  key to choose **Modify PIN** menu, press the **Select** soft key.
4. The display shows "**PIN?**". Enter the current PIN, then press the **Next** key. If the old PIN code is correct, you will be prompted to enter a new PIN code, otherwise a warning beep will sound and the handset will return to the **Modify PIN** menu.
5. Enter the new PIN, press the **Next** key. You will be requested to confirm the PIN code. Enter the new PIN again then press the **Save** soft key to confirm and exit.


BS Reset

If you reset the base, all the features under **BS Settings** menu will be restored to the factory initial setting: Dial Mode and Flash Time.


1. Press the **Menu** soft key.
2. Press  or  key to choose **BS Settings**, then press the **Select** soft key.
3. Press  or  key to choose **BS Reset** menu, press the **Select** soft key. You will be prompted to enter the PIN code.
4. Enter the PIN code (the default PIN is 0000), then press the **Reset** soft key. If the PIN code is validated all Base settings will be reset to the factory default, otherwise the settings will remain.


Result: After resetting, the handset will return to standby mode.


Basic Functions

All descriptions in this manual assume that the handset is in standby mode. Set the telephone to standby mode by pressing the  key.

Making a Call

1. Pick up the handset and press the  key.


Result: The **In use** indicator flashes and the  icon appears on the LCD.

2. Dial a telephone number.
3. To end the call, either press the  key or replace the handset on the base.

Note:


- To make a call to the last number you dialed, use the **Redial** feature. For details, see page 17.

You can enter the desired phone number in standby mode, which allows you to make corrections before dialing. Follow these steps:

1. Enter a telephone number (up to 32 digits). Check it. You can also use the  key to insert a pause.


Note:



- If you make a mistake while entering a number, press the **Erase** soft key to clear the last digit.

2. When the number appears correctly, press the  key.

■ Receiving a Call







When a call is received, the **In use** indicator on the base will blink. The **New Call** information will appear, too.

If the caller can be identified, the caller's phone number is displayed. If the caller cannot be identified, only the **New Call** information displays. If you have a voice message, the  icon and "**MSG WTG ON**" will be shown on the LCD.

1. To answer the call, press the  key. If you have activated the Auto Answer function, when the handset is on the base, simply lift it up to answer.
2. To end the call, either press the  key or replace the handset on the base.

Result: After you hang up, the LCD displays the call duration.





Notes:

- You can select the ringer volume by using the  or  key when the phone rings with an incoming call.
- If you want to deactivate the  icon, press the  key in standby mode, then press and hold the  key. After that, press the  key to return to standby mode. (The handset must be registered to the base.)
- If the polyphonic ring tone is set, the ring tone may continue for 4 seconds after the caller's hang-up or after the parallel phone had answered the call.

■ BS Settings







Terminate HS

This function allows you to delete a handset registration from the base.


1. Press the **Menu** soft key.
2. Press  or  key to choose **BS Settings**, then press the **Select** soft key.
3. Press the **Select** soft key to choose the **Terminate HS** menu. The display shows "**PIN?**" to prompt you to enter the PIN Code (The default PIN Code is "0000"). Then press the **OK** soft key.
4. Use  or  key to select a handset. If you select the current handset or a non-existent handset, a warning tone will be heard.
5. Press the **Select** soft key to confirm, and the selected handset will behave according to the unregistered condition.

Flash Time







You can select to change the Flash time by the following steps:

1. Press the **Menu** soft key.
2. Press  or  key to choose **BS Settings**, then press the **Select** soft key.
3. Use  or  key to choose **Flash Time** menu. Press the **Select** soft key.
4. The display shows the current setting. Use the  or  key to select **Flash-1 /Flash-2**, press the **Save** soft key.






Dialing a Number from Phone book

Find out the number you want to dial. Refer to "Viewing the Phone book Entries". Then press the  key or **Dial** soft key.

Editing the Phone book Entries

1. Press the **Menu** soft key.
2. Press the  key to choose the **Phonebook**, press the **Select** soft key.
3. Press the  key to choose **Edit** menu. Press the **Select** soft key.
4. Press  or  key repeatedly until the entry you want to edit displays, press the **Select** soft key to confirm.
5. If necessary, press the **Erase** soft key to clear the digit(s) then enter the desired name and number, press the **Next** soft key to save.
6. Use  or  key to select the ring you like to associate with the number, press the **Save** soft key to confirm.

Deleting the Phone book Entries

1. Press the **Menu** soft key.
2. Press the  key to choose the **Phonebook**, press the **Select** soft key.
3. Press  or  key to choose **Delete**. Press the **Select** soft key.
4. Press  or  key repeatedly until the name you want to delete displays, then press the **Select** soft key. The display shows "**Confirm ?**". You can press the **Del** soft key to delete it or press the **Cancel** key to exit.
5. At step 3, if you choose **Delete All** menu and press the **Select** soft key, the display will show "**Confirm ?**". You can press the **Del All** soft key to delete all the entries or press the **Cancel** key to exit.

PB Status

The PB Status shows the number of phone book entries already stored. When the **PB Status** shows on the LCD, press the **Select** soft key to enter it.

Muting the Microphone



During a conversation, you can temporarily switch your phone's microphone off, so that the other party cannot hear you.

Example: You want to say something to another person in the room but do not want the other party to hear you.

To mute your microphone, press the **Mute** soft key during the conversation. The "**Call Muted**" appears on the LCD.

To unmute the microphone, press the **Mute** soft key again. You will restore the normal condition.








Adjusting Voice Volume

During a conversation, you can use the  or  key to adjust the level of the earpiece (or the handsfree speakerphone one, if activated) volume from **V.1** to **V.5**. The selected volume will be displayed on the LCD.

You can also select the earpiece volume or the speaker volume by the **Audio Setup** in Menu under **HS Settings**, as described in page 34.

Ringer Setting

You can select your own external (from the telephone Network) or internal (from other handsets registered to the same base) ring tone and adjust the volume.

1. Press the **Menu** soft key.
2. Press  or  key to choose **HS Settings** menu, then press the **Select** soft key.
3. Press  or  key to choose **Ring Setup**, press the **Select** soft key.
4. Press the **Select** soft key to choose **INT Ring** or press the  key to choose **EXT Ring**, press the **Select** soft key.
5. Press  or  key to choose **Melody** or **Volume**, press the **Select** soft key.




Result: You can select the ring tone from Melody 1 to 10 or adjust the volume from Volume 1 to 5, or off. When you adjust the ring tone or volume, the phone plays the selected melody or sounds the selected loudness.

6. Press the **Save** soft key to confirm.

Note:

- If you set the volume to "Off", when a call comes in, only the **New Call** information appears on the LCD.

Adding the Phone book Entries


1. Press the **Menu** soft key.
2. Press the  key to choose **Phonebook**, press the **Select** soft key.
3. Press the **Select** soft key to choose **New**.
4. The display shows "**Name ?**". Enter the name you want to use, then press the **Next** soft key to confirm. The display shows "**Number ?**". Enter the desired number (up to 20 digits), press the **Next** soft key.
5. *Use  or  key to select the ring you like to associate with the number, press the **Save** soft key to confirm.
6. Repeat if necessary.

* If you want to set a VIP number, you should select a special ring tone for it. The ring tone should be different from the external ring you have set. You can set up to 9 VIP ring tones associate with 9 VIP numbers/groups.




Note:

- If you make a mistake while entering a number, use the **Erase** soft key to correct it. Each time you press the key, the last digit is deleted.

Using a Pause

A pause is useful when you access an interactive voice response system, such as an automated banking system. A pause provides a delay of 3 seconds. If you want to insert a pause when you dial a number in standby mode or store a number in memory, press the  key. The letter **P** will appear at the pause entry.

Viewing the Phone book Entries

1. In the standby mode, press the  key.
2. Press  or  key repeatedly until the desired entry is displayed.

Phone Book


The phonebook built in your cordless phone allows you to store frequently used numbers so that you can easily make a call without having to remember or enter the phone number.

Character Map


To enter a specific alphanumeric character, press one or more times the relevant key for the required character according to the following table: once for the first character, twice for the second and so on.

Key	Characters in the displayed order
0	(spc) 0 ? & / . , !
1	1 @ _ + - " () %
2	A B C a b c 2
3	D E F d e f 3
4	G H I g h i 4
5	J K L j k l 5
6	M N O m n o 6
7	P Q R S p q r s 7
8	T U V t u v 8
9	W X Y Z w x y z 9

Last Number Redial




1. Press the  key or the **Redial** soft key in standby mode.

Result: The LCD displays the last number you dialed.

2. Press the  key to dial out the number.

Your phone allows you to retrieve the last 10 numbers you have dialed and recall them quickly.

Search for and dial a number in Redial Book



1. Press the **Redial** soft key in standby mode.
2. If you want to scroll through the memory, press  or  key repeatedly until you find out the number you want to dial.
3. Press the  key to dial out the number.


Notes:

- If no numbers are found, "Empty" is displayed.
- When the redial book is full, each time you dial a new number, the oldest number stored in the redial book is automatically erased.

Use Redial Book options

Using the redial book options, you can add a number to phone book or delete a number in the redial book.

1. Press the **Redial** soft key.
2. Scroll to the desired number by using the  or  key.
3. When the number appears on the display, press the **More** soft key to choose the desired option:

- **Add to PB:** allows you to add the number to the phone book. Complete storing the entry by starting from step 4 described in par. "Adding the Phone Book Entries" (obviously, you will find the number already entered in the appropriate field).
 - **Delete:** allows you to delete the selected number.
 - **Delete All:** allows you to delete the whole redial book.
4. To return to standby mode, press the  key.

Note:

- At step 3, when you select **Delete** or **Delete All** options, a message "**Confirm ?**" will further ask you to confirm the deletion. To confirm press the **Del** or **Del All** soft key, to escape press the **Cancel** soft key.

Menu Map

1. CID Book (see page 22)

2. Phonebook

- New (see page 32)
- Edit (see page 33)
- Delete (see page 33)
- Delete All (see page 33)
- PB Status (see page 33)

3. BS Settings

- Terminate HS (see page 34)
- Dial Mode (see page 27)
- Flash Time (see page 34)
- Modify PIN (see page 35)
- BS Reset (see page 35)



4. HS Settings

- Alarm (see page 36)
- Audio Setup (see page 37)
- Ring Setup (see page 19)
- Tone Setup (see page 26, 37)
- Language (see page 25)
- HS Name (see page 26)
- Auto Answer (see page 25)
- LCD Contrast (see page 38)
- Date & Time (see page 38)
- Select Base (see page 39)
- HS Reset (see page 39)

5. Registration (see page 40)


■ Menu Navigation

To access a menu option:

1. To display menu items, press the **Menu** soft key.
2. To scroll through menu options, press the  or  key repeatedly.
3. To select a menu, press the **Select** soft key when the desired menu appears on the LCD.
4. Repeat if necessary.


To return to standby mode:

If you press the **Back** soft key from any menu, the phone returns to the previous screen.



To return to standby mode, press the  key.

Also, the phone will automatically return to standby mode from any menu if no key is pressed in the next 40 seconds.

Note:

- In standby mode, you can press  key to switch the backlight on/off.

■ CID Book





When you receive a call, if the caller's information is transmitted from the network on which the call was made (and the caller doesn't hide it), the caller's phone number is displayed. Moreover, if you missed one or more calls, the  icon will appear on the LCD. If the CID memory is full, the  icon will flash on the LCD.

Out Of Area - This message will display when someone calls from an area where the telephone company is not offering the caller identification services or is not yet providing number delivery to your area.



Private - If the caller has exercised the option to prevent his name and number from being sent, the message will show on the LCD.

View and dial any of the CID numbers



1. Press the **Menu** soft key.

2. Use the **Select** soft key to choose the **CID Book**, and if available, the numbers are displayed. (You can also access the CID book directly by pressing the  key in standby mode.)
3. Use  or  key to view the numbers, you can make a call by a press of the  key. You can also add the entry to the phonebook.

Note:



- At step 3, each item of the incoming list is marked with the  icon if the call has been reviewed or with the  icon if the call hasn't been reviewed yet.



Add CID Number to Phone Book

1. Press the **Menu** soft key.
2. Use the **Select** soft key to choose the **CID Book**.
3. Use  or  key to view the numbers, when the desired number displays on the LCD, press the **More** soft key to enter **Add to PB** menu.



4. Press the **Select** soft key, you are prompted to enter the name.
5. Enter the name and press the **Next** soft key, then you can modify the number you want to store.
6. Press the **Next** soft key, you are able to select the ring tone from Melody 1 to Melody 10, press the **Save** soft key to confirm and exit, you will hear a confirm beep.

Delete a number in the CID Book

1. Press the **Menu** soft key.
2. Use the **Select** soft key to choose the **CID Book**.
3. Scroll to the number you want to delete by using  or  key.
4. When the desired number appears on the display, press the **More** soft key.

5. Use  or  key to choose **Delete**, press the **Select** soft key. The display will show "**Confirm ?**". Press the **Del** soft key to confirm, you will hear a beep and the LCD shows the next number.



Delete all numbers in the CID Book

1. Press the **Menu** soft key.
2. Use the **Select** soft key to choose the **CID Book**.
3. Press the **More** soft key and use the  or  key to choose **Delete All** menu, then press the **Select** soft key.
4. The display shows "**Confirm ?**", press the **Del All** soft key to confirm.

Result: You hear a beep and the phone returns to the standby mode after clearing all the CID numbers.



■ Handsfree

During a call, you may turn on the speakerphone built in the handset. In this mode you can simply put your handset on a surface (e.g. a desk) and enjoy the comfort of the handsfree conversation.

To turn the feature on, press the  key during a call (line engaged). The  icon appears on the LCD.

■ Flash Signal

When the line is engaged, pressing the **Flash** soft key sends the Flash signal. This key is used in conjunction with special services (e.g. call waiting) which can be available in your phone network. For further details please contact your network telephone company.

To turn the feature off, and keep on talking in normal mode, press the  key again. The  icon will disappear.


Notes:


- Before putting the handset near your ears, be sure you have turned the speakerphone off.
- To adjust the speakerphone volume, see page 15 or page 34.

To use the said special services, just press the **Flash** soft key while the line is engaged: the display will show **R**.


Paging

You can page the handset from the base unit making it ring with a special tone. It's useful to locate a lost handset.

Press the  key on the base unit (less than 5 seconds), all the handsets registered to the base will ring for about 60 seconds.




To stop paging, press the  key on the base again or any key on the handset.



Note:

- On a long  key press, more than or equal to 5 seconds, the base will enter subscription mode. For details, see page 37.

Dial Mode

You can select to change the dial mode by the following steps:


1. Press the **Menu** soft key.
2. Press  or  key repeatedly to choose **BS Settings**, and press the **Select** soft key.
3. Press the  key to choose **Dial Mode**, then press the **Select** soft key.



4. You can press  or  key to select the required dial mode options (**Tone/Pulse**) and press the **Save** soft key. A confirm beep will be heard.



Note:

- If you are not sure which dialing mode should be selected, please contact your local service provider.

Key Lock

If you turn on this feature, all keys will be locked. You can answer calls by using the  key. But when you hang up, the phone returns to the locked mode. This feature is useful to avoid pressing keys by mistake.

To lock the keys, in the standby mode just keep the  key pressed till the display shows "**HS Locked**", then the  icon appears.



To unlock the keys, keep the  key pressed again till the key lock icon  disappears from the display.

Note:

- In locked mode, if you press any key, the phone will generate a warning tone, and the "**HS Locked**" message will be redisplayed.



■ Auto Answer





With this feature, you can answer a call by just picking up the handset from the base without pressing any key.





1. Press the **Menu** soft key.
2. Press  or  key repeatedly to choose **HS Settings**, press the **Select** key.

■ Selecting a Language

The handset supports 9 predefined languages, English, French, Spanish, German, Polish, Slovak, Czech, Turkish and Greek. You can change the language used to display the menu messages.



1. Press the **Menu** soft key.
2. Press  or  key repeatedly to choose **HS Settings**, press the **Select** soft key.

3. Use  or  key to choose **Auto Answer**, then press the **Select** soft key.
4. Use the  or  key to choose **On/Off** to enable/ disable the function, then press the **Save** soft key, you will hear a confirm beep.

3. Use  or  key to choose **Language**, then press the **Select** soft key.
4. The languages will be displayed. Use the  or  key to scroll through the options. Each language will be displayed in its own native translation.
5. Press **Save** soft key to select the required language and you will hear a confirm beep.



■ HS Name



Using this feature, you can define a name of the handset in order to easily recognize your handset if you have more than one registered on the same base. To set the handset name:






1. Press the **Menu** soft key.
2. Press  or  key repeatedly to choose **HS Settings**, press the **Select** soft key.

■ Range Alarm

A beep will sound when the handset is out of range of the Base. You are able to select to enable/disable this audible warning.

1. Press the **Menu** soft key.
2. Press  or  key repeatedly to choose **HS Settings**, press the **Select** soft key.

3. Use  or  key to choose **HS Name**, then press the **Select** soft key.
4. You can enter the handset name (up to 12 characters) by using the alphanumeric keys (use the **Erase** soft key to delete the incorrect characters), then press the **Save** soft key to confirm and exit. The handset name will be displayed above your handset number in standby mode.

3. Use  or  key to choose **Tone Setup**, then press the **Select** soft key.
4. Press the  key to choose **Range Alarm**, then press the **Select** soft key.
5. Use  or  key to choose **On/Off** to enable/disable this audible warning, then press the **Save** soft key, you will hear a confirm beep.

Customer Information

1. This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On bottom of this equipment is a label that contains, among other information, a product identifier of [US: 6nyW400B3307]. If requested, this number must be provided to the telephone company.
2. If this equipment [1.9G Cordless Phone] 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.
3. The telephone company may make changes in this 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 modification to maintain uninterrupted service.
4. If you experience trouble with this equipment, you disconnect it from the network until the problem has been corrected or until you are sure that the equipment is not malfunctioning.
5. Please follow instructions for repairing if any (e.g. battery replacement section); otherwise do not alternate or repair any parts of device except specified.
6. Connection to party line service is subject to state tariffs. Contact the state public utility commission public service commission or corporation commission for information.
7. If the telephone company requests information on what equipment is connected to their lines, inform them of:
 - a) The telephone number that this unit is connected to,
 - b) The ringer equivalence number [0.0B]
 - c) The USOC jack required [RJ11C], and

d) The FCC Registration Number [US: 6nyW400B3307]

Items (b) and (d) are indicated on the label. The ringer equivalence number (REN) is used to determine how many devices can be connected to your telephone line. In most areas, the sum of the RENs of all devices on any one line should not exceed five (5.0). If too many devices are attached, they may not ring properly.

Service Requirements

In the event of equipment malfunction, all repairs should be performed by our Company or an authorized agent. It is the responsibility of users requiring service to report the need for service to our Company or to one of our authorized agents. Service can be facilitated through our office at:

CORTELCO, INC.

1703 Sawyer Road, Corinth, Mississippi 38834,USA

FCC Caution:

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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 Radiation Exposure Statement:

The device complies with FCC radiation exposure limits set forth for uncontrolled environment.

The base should be installed and operated with minimum distance 20 cm between the radiator& your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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 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.