

EnGenius™

SN-920 ULTRA



User's Manual

EnGenius™

EnGenius Technologies
Customer Service
USA: 888-735-7888
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Custom Name 57

Call Manager 58-59

..... 59

..... 60



Congratulations!

You have purchased an exceptional business communications tool from the leading Industrial Cordless™ Phone System manufacturer.

The EnGenius SN-920 ULTRA Industrial Cordless™ Phone System is the second generation of the Longest Range Cordless Phone and 2-Way Radio system. EnGenius systems are ideal for the Small Office Home Office (SOHO) user. The expandable design allows the system to grow with your business. With sophisticated digital signal processing and six times the power of typical cordless phones, the EnGenius system provides cordless phone and two-way communications in a wide variety of business settings from multi-level office buildings, construction sites, warehouses, farms, business complexes and other demanding business environments. The EnGenius system is capable of supporting up to 4 lines (1 line per base unit) and 36 handsets. The EnGenius system is able to provide you increased mobility within your business environment.

Another unique feature of the EnGenius system is the ability to use the handsets as digital, full duplex, two-way radios. The digital two-way radio mode allows members of the work group to be in contact with their co-workers while leaving phone lines available for incoming or outgoing calls. Users can designate their handsets to receive all incoming calls or receive only intercom (2-way) and transferred calls, with the Call Manager feature. Additionally, an incoming call can be answered, placed on-hold or transferred to the appropriate person, from any handset.

The many EnGenius system features include: long-range, 2-way radio and cordless phone operation, system expandability, military level digital security, music or message on-hold capability, 80 minute battery recharge and the new 4-line LCD display with Caller ID/Call Waiting readout capability have given birth to a new product category in the cordless phone industry known as Industrial Cordless™ Phone Systems. The convenience, mobility

and flexibility of this unique telecommunications system cannot be overlooked for the Small Office /Home environment.

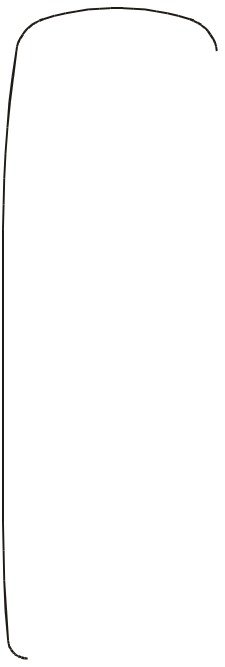
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EnGenius SN-920 ULTRA User's Manual
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7. Volume key

Located on side of handset: up / down buttons control volume.

8. 2-WAY/INTERCOM

9. Dialing Keypad

10. Ringer (not shown)d

(not shown)

17. Status LED

Blinking: Stand by

Solid: On a call or the first 8 seconds after power on

Additional Handset Features

- * Call Waiting with Caller ID (requires Call Waiting and Caller ID services from local phone service provider)
- * Call Manager option: User programmable option for handset to allow all calls or only transferred and intercom calls
- * Touch any key to answer call
- * Call transfer to another handset within the system
- * Unique, system assigned Security ID (1 of 65,000)
- * Phone Directory: up to 30 phone numbers (20 digits) and names (14 characters)
 - 30 number memory speed dial for Phone Directory
 - Last number redial
 - Caller ID (requires Caller ID service from phone service provider)
 - Caller ID log: stores up to 30 calls of caller information including caller's name, number, date and time
 - Intercom communications with base unit
 - Handset-to-handset communication independent of the base (Digital, full duplex two-way radio)
 - Three level ringer volume adjustment (low, high & vibrate)
 - Four ring types
 - Six level voice volume control adjustment
 - Ring or vibration alert option
 - Tone / pulse dial option
 - Low battery alarm and display
 - Change battery while call on-hold
 - Keypad illumination
 - Three level key tone volume control n

- * Flash

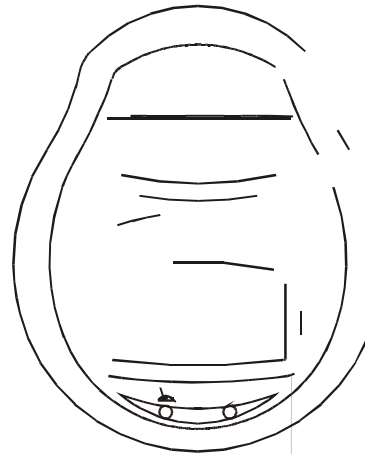
Base Unit Features

1. Antenna
Swivel base for ease of positioning. (Note: Reverse thread antenna adapter; to remove, turn clockwise).
2. Speaker
3. Volume
4. Page /Intercom
5. Microphone
6. Audio-in Jack(3.5 mm)
7. Power LED
LED indicates base unit has AC power.
8. In Use LED
LED indicates a phone call, base /handset intercom call, or handset registration is in progress.
9. Intercom LED
LED indicates when base is in intercom mode.
10. Line Out
11. Line In
12. AC Adapter Port

Additional Base Unit Features

- * Supports up to 9 handsets per base unit. One handset can be registered to 4 base units.
- * Assigns handset security code during registration
- * Adjustable four level ringer and voice volume control

Charging Cradle Diagram



Charging Cradle Features

1. Handset Charging Cradle

Holds handset

Charges handset battery pack each time handset is placed in cradle. 80 minute rapid charge.

2. Spare Battery Compartment

Spare battery recharged when placed in this slot.
80 minute rapid charge.

3. Handset Charging Indicator

LED is not lit: Slot is empty or proper connection is not made.

LED is blinking red: Battery is charging.

LED is green: Battery is fully charged.

4. Spare Battery Charging Indicator

LED is not lit: Slot is empty or proper connection is not made.

LED is blinking red: Battery is charging.

LED is green: Battery is fully charged.

5. AC Adapter Port

Additional Charging Cradle Features

- * Handset and a spare battery pack can be charged at the same time
- * Fully discharged battery packs can be charged in approximately 80 minutes
- * A trickle charge feature will maintain charge on a nearly fully charged battery
- * It is impossible to overcharge the batteries using this charger
- * Fully charge battery packs before first use

Base Unit Setup

There are three possible base unit setups:

- * Base unit alone
- * Base unit plus telephone answering device
- * Base unit plus standard telephone

Basic Instructions

1. Plug the small end of the 9V DC power adapter into the "DC IN" port on the back of the base unit.
2. Plug the two-pronged 9V DC power adapter into a standard 120 V AC electrical outlet.
3. Plug telephone line cord into the next receptacle on the back marked LINE.
4. Plug the telephone line cord into the telephone wall outlet.
5. A standard telephone or answering machine can be plugged into the adjacent receptacle on the back of the base unit marked TEL.
6. The Music/Message On-Hold feature can be achieved by plugging either end of the audio cable (available separately) into the audio-in port on the back of the base unit.
7. For best performance, computers, faxes, telephone answering

NOTE: Follow instructions that came with the answering device or telephone if different from those described here.

Charging Cradle Setup

The location for the handset charging cradle requires a standard 120V AC electrical wall outlet.

1. Plug the small end of the 12V DC adapter into the receptacle on the back of the charger unit.
2. The two-pronged 12V DC adapter is then plugged into the wall outlet.



Charging a Battery

The battery charger can charge the handset and a spare battery pack at the same time.

The charging unit has spare battery charging slot behind the handset charging slot.

1. To charge the handset, simply place the handset, with battery pack attached, into the charging slot with the handset facing the front of the charger. If the handset is properly in the cradle, the cradle's PHONE indicator light will be illuminated.
2. To simultaneously charge a spare battery, insert the spare battery pack with pack contacts facing down and towards the rear into the rear charging slot.

Low Battery Indicator

Charge the batteries when one of the following happens:

- * Phone beeps twice every two seconds
- * Battery icon is empty
- * Phone does not respond when a key is pressed
- * LCD and backlighting become dim

Battery Replacement

Your EnGenius phone system uses rechargeable Nickel Metal Hydride (Ni-MH) battery packs. Each battery provides up to three hours of talk-time, based on range, terrain and environmental conditions, or up to 40 hours of standby time. These high performance battery packs have an average life span of about 300 charges (a charge is defined as going from empty to fully charged). Additional or replacement new SN-920 ULTRA battery packs are available as part number: SN-920 ULTRA-BA.

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.

CAUTION! Do not open the plastic battery pack encasing.

BASIC OPERATIONS

Operation Modes

Both the base unit and handset have levels of operation at which time only certain procedures or functions can be performed. These levels or modes of operation will be referred to throughout this manual and vary from base unit to handset.

Base Operation Modes

The base unit operates in three different modes: IDLE, TALK, and REGISTRATION.

IDLE MODE - this is the default mode. The intercom and volume keys are active in IDLE mode. The POWER LED is red.

TALK MODE - the base operates in this mode during an incoming or outgoing intercom call and an incoming or outgoing phone call. Volume key is active in TALK mode. POWER, IN USE and INTERCOM (during an intercom call) LEDs are red.

REGISTRATION MODE - the base enters this mode by simultaneously holding down the intercom and volume keys for three seconds. There are no active base unit keys once this mode has been entered. The IN USE and POWER LEDs are illuminated. The IN USE LED will come on and stay active for approximately 30 seconds and then turn off.

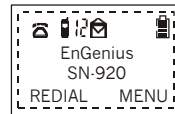
Handset Operation Modes

The handset operates in one of five different modes: IDLE, MENU, TALK, REGISTRATION and CRADLE.

IDLE MODE

This is the default operating mode.

* The LCD will show the following screen and icon placement in the IDLE mode:



* If there is no on-going activity, the handset automatically goes into SLEEP/IDLE mode to save battery power.

* The handset can be turned off completely by holding down the END key for 3 seconds.

NOTE: The idle screen display(custom name) can be edited (in the menu mode) with the handset owner's name or other custom greeting.

The 2-digit number near the top center of the LCD shows the handset's ID.

MENU MODE

* Pressing the RIGHT SOFT FUNCTION key activates MENU mode.



* The screen will look like this in MENU Mode:

3:CALLER ID
4:SOUNDS
5:SETTINGS
6:REGISTER

* In MENU mode, the handset settings and information contained in memory can be changed. (For example: the Caller ID log and Phone Directory).

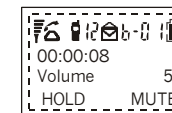
* If the handset remains inactive in MENU mode for 30 seconds (no keys are pressed or no incoming calls), it will exit MENU mode and return to IDLE mode

NOTE: The functions available through the MENU selection are covered in greater detail under Handset Menu Options.

TALK MODE


* When the handset is in IDLE mode, pressing the TALK key or answering an incoming or intercom call will activate TALK Mode.

* The screen will look like this in TALK Mode:



NOTE: In the TALK mode the TALK key functions as a FLASH key. Pressing the TALK key will temporarily place the call on hold while answering another call with the Call Waiting feature. Pressing the TALK key again will return you to the original call. Call Waiting requires telephone service provider subscription.

REGISTRATION MODE

- * Do not register your handset if it has been registered at the factory. If, when you first turn on the phone, "00" is displayed near the top center of the LCD (to the right of the  icon), the handset has not been registered at the factory.
- * Specific instructions on how to register the handset are covered in detail under Handset / Base Registration in the Advanced Operations section.

- * If the handset is not registered with the base unit, any attempt to make an outgoing call or intercom call to another handset will fail. The LCD will read:



- * From the IDLE mode, enter the number you wish to call. The number you input

CRADLE MODE

- * Placing the handset into the charger cradle activates the handset CRADLE mode.
- * While in the CRADLE mode, the battery charging unit recharges the handset battery pack.
- * An incoming or intercom call while in the CRADLE mode will generate this screen:
- * Removing the handset from the cradle during an incoming call automatically answers the call and places the handset in TALK Mode.
- * Placing the handset in the cradle or pressing END will end a call.

*

*

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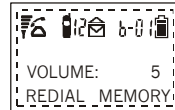
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Manual Dial(Post-Dial Tone)

ENTERING A NUMBER AFTER CONNECTING TO DIAL TONE

While the handset is in the IDLE mode, you can press TALK to make a call. There are three ways to make a call in the TALK Mode:

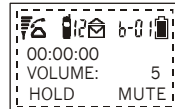
- * When dial tone is heard and the handset is waiting for a phone number to be entered, the following screen will appear:



- * Enter the desired phone number from the numbered key pad. The screen will show the following display:



- * After a number is dialed, this screen will be displayed:



Redial

- * While in the TALK mode, press the LEFT SOFT FUNCTION key to select the REDIAL option. The following screen will be displayed:



- * The last number dialed will be re-dialed

Directory Dial

- * To call a number stored in the Phone Directory, you can access the Phone Directory log by entering the menu or you can simply press the Up or Down Scrolling Arrows to access the Phone

- * From IDLE mode, press the RIGHT SOFT FUNCTION key to select the MENU option.

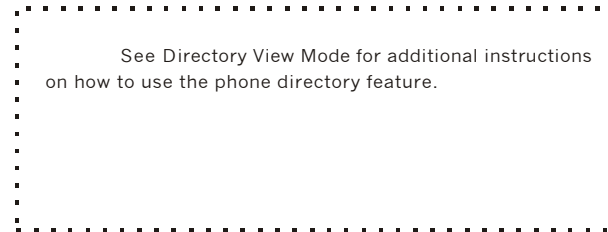
- * While in the Main Menu, select the directory scolling option by pressing the 2 key.



- * Information stored in location 01 will be displayed first. Use the Up or Down arrows to scroll through the directory to locate the number of your choice.

- * Press TALK to dial the phone number displayed.

- * When the handset has dialed the selected phone number, the screen will display:



* The following screen will appear:



* Enter the 2 digit Phone Directory index code (e.g. 1= 01)for the stored phone number.

* The phone number stored in the location will be dialed.

Receiving an incoming call

NOTE: Telephone numbers stored in the Phone Directory have been indexed with a number from 01 to 30. To access the correct index number or location, follow these steps:

For example, if the location is 3, press 0 then 3.

If the index number is 12, press 1 then 2.

Answering Calls

All handsets that have been registered for use with the base unit, and are in the IDLE mode, will ring when an incoming call is received. The handset can be set to either ring or vibrate with an incoming call.

NOTE: Under SETTINGS, the user has the option of receiving incoming/intercom/transferred calls from 1 to 4 base units. This option is accessed via the Call Manager function, under SETTING. Depending upon number of base units the handset is registered to.

Voice Volume

Adjusting the volume on the handset can be done only during a call or when in the TALK Mode.

* When in the TALK Mode, the volume control button on the left side of the handset can be used to adjust the volume to 6 different levels.

* Volume level 3 is set as default.

* The top button increases volume and the lower button decreases volume.

* The screen during volume adjustment displays the following:



Placing a Call On-Hold



NOTE: The base unit will maintain the communications link with the incoming call as long as it is on hold. No other outgoing call or page from the base can be completed until the call on hold is ended by the handset or has timed out (about 4 minutes). oo

Muting a Call

A call must be in the TALK mode to select the MUTE function.

1. Use the RIGHT SOFT FUNCTION key to select MUTE.

The display will then show:

2. To remove MUTE, press the : LEFT SOFT FUNCTION key again.

NOTE: When MUTE is activated (ON), the handset user cannot be heard by the caller, but the user can still hear the caller. The MUTE feature is automatically turned off when the call is ended.

Call Waiting: Receiving a Second Call

If you have Call Waiting service through your telephone company and you wish to take a second incoming call, you will use the FLASH feature.

1. In the TALK mode, the TALK key operates as a FLASH function allowing you to place the first call on hold and answer the second call. Unlike when using the HOLD feature, the LCD will not change to reflect that the first call is "temporarily on hold."
2. Pressing TALK again will return you to the original call, placing the second call on hold.
3. You can terminate either call by pressing END during the call.

Transferring a Call

Calls can be transferred between registered handsets while a phone call is in progress.

1. During an active call, a transfer can be initiated by pressing the 2-WAY key on the originating handset.

A handset ID number is invalid if:

- * The number is 00
- * The number is the same as the originating handset
- * The target handset is not registered with the base unit

* The target handset LCD will show the following readout:



* Upon answering, the originating and target handset users can talk.

4. Pressing the RIGHT SOFT FUNCTION key on the handset will select the "XFER" function, initiating transferring the call to target handset.



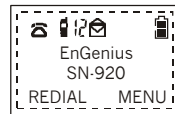
5. Pressing END will terminate a handset to handset call, the originating handset will then display:



Disconnecting Calls

From the TALK mode, you can end a call by pressing END or by placing the handset in the cradle. The handset will return to the IDLE mode.

The LCD will show the following:



Paging from Base to Handset

1. Pressing the base unit PAGE or INTERCOM key, will page all registered handsets. The first handset to answer the page will establish a voice link with the base.
2. The INTERCOM LED will flash until a handset responds. The light will stay lit until the link is terminated.
3. The base unit will page for 15 seconds, then terminate the page if no handset responds.
4. Before a handset answers, the page can be cancelled from the base by pressing PAGE again. However, once a handset answers, only the answering handset can end the intercom call.



NOTE: A page to a handset cannot be initiated from the base while an incoming call is ringing into the system. The IN USE LED flashes to indicate an incoming call is in progress.

Paging from Handset to Base

For a handset to intercom a base unit, follow the steps below:

1. On the handset press 2-WAY.
2. At the extension prompt, input the 2 digit number for the base unit which will be a 0 followed by the base unit number of 1, 2, 3 or 4.
3. The handset LCD will show a paging prompt:
4. The base will ring once, then automatically connect the intercom call from a handset.



Answer Incoming Calls with a Handset to Base Intercom Call in progress

There are three options for the handset:

1. Press TALK to switch to the incoming call.
2. Press END to terminate the intercom call and allow the incoming call to ring on all handsets.
3. Do nothing and ignore the incoming phone call.

Base Unit Options

Ring Volume

1. When the base unit is not in use (TALK or INTERCOM mode), the VOLUME key will control the ring volume.
2. There are 4 ring volume levels: low, medium, high and off. Pressing the VOLUME key will move the volume to the next Level:

LOW MEDIUM HIGH OFF LOW



1. While the base is INTERCOM mode, the VOLUME key will control the voice volume.
2. The 3 levels of voice volume are: low, medium and high. Each time the VOLUME key is pressed the volume will be adjusted to the next level until the maximum. 21-132 0 0 1 72.48 486.24 Tm /F3 9.36130.8 3*32 03dium 06Tm /F3 9.3Tm /Ft 9.3613 0 1.680 0 1 72.48 486.24 Tm /F:



Handset /Base Registration

Main Menu Options

When the handset is in the IDLE mode, or when a call is on hold, the Main Menu can be accessed by pressing the RIGHT SOFT FUNCTION key.

Once in the main menu, a list of available options will be displayed, two menu options at a time as shown:



1. Use the  or  scrolling keys to view all of the menu options.
2. At any time while in the Main Menu, an option can be selected by using the corresponding number from the keypad.

Registration

Your handset(s), if purchased as a system, is pre-registered at the factory and does not need to be re-registered to the base unit purchased with the handset. Additional handset displaying "00" as their handset ID must be registered to the base unit. Charge the handset battery fully before registering.

Each base can have 9 handsets primarily registered to it, and each handset can be registered to 4 base units. Valid handset ID numbers will be 11-19, 21-29, 31-39 and 41-49, with the first digit indicating the base ID number and the second digit indicating the handset number. The handset ID number does not change after primary registration for handsets that are registered to a secondary base unit.

Handset Registration

1. Plug in the base unit to AC power and place a fully charged battery pack into the new handset.
2. Verify base unit's power light is on and turn on the handset power by pressing and holding the END key for 2 seconds.

Each base can have 9 handsets primarily registered to it, and each handset can be registered to 4 base units. Valid handset ID numbers will be 11-19, 21-29, 31-39 and 41-49, with the first digit indicating the base ID number and the second digit indicating the handset number. The handset ID number does not change after primary registration for handsets that are registered to a secondary base unit.

4. Press the LEFT SOFT FUNCTION key for "YES."

5. Deregistration is successful.



The handset has now been de-registered from all base units. The handset ID number will be reset to "00" as seen in the middle of the top LCD line.

1. Press and hold the VOLUME and PAGE buttons on the base the handset is to be de-registered from until there is a beep.
2. Press the RIGHT SOFT FUNCTION key to select MENU.
3. Press the "6" key to select the register option.
4. Press the "2" key to select DEREGISTER. The LCD will read: " Dereg from base X " when de-registration is complete.

Handset Menu Options

Key Guard

Press "MENU", "1" to set KEY GUARD.

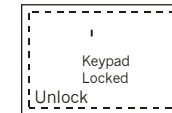
1. To access the KEY GUARD option from the IDLE mode, press the RIGHT SOFT FUNCTION key to select the MENU option.

2. While in the MAIN MENU press the "1" key to select KEY GUARD:



3:CALLER ID
4:SOUNDS
5:SETTINGS
6:REGISTER

3. Selecting the KEY GUARD option LOCKS the keypad from use. The screen will display the following:



4. To unlock the keypad press the LEFT SOFT FUNCTION key. The screen will display the following:

5. Press the "1" key to confirm unlocking the keypad.

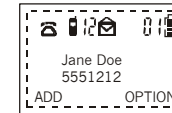
Directory

This feature allows you to store up to 30 frequently used telephone numbers (up to 20 digits each) and names (up to 14 characters each) in a directory that resides in the handset memory. Entries in the Phone Directory may be viewed or edited at any time. The Phone Directory may be viewed by pressing the or arrow keys from the idle mode.

DIRECTORY EDIT MODE

While in the DIRECTORY VIEW mode, the LCD will display the following screen:

To enter the DIRECTORY EDIT mode, either ADD or OPTION must be selected.



ADD

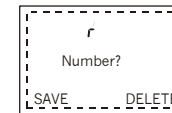
* Press the LEFT SOFT FUNCTION key to select ADD. This choice will allow an entry to be added to the Phone Directory.

* If the directory is full, the following will be displayed on the LCD:



* To return to the DIRECTORY VIEW mode, press the LEFT SOFT FUNCTION key.

* If there are available spaces, the first empty space will be accessed automatically and the following screen will appear:



* If information is to be stored in a specific location, use the scrolling keys to find the correct location for the new information. The location number will appear as a 2 digit number to the left of the battery icon.

E

L

E

* Select ADD again using the LEFT SOFT FUNCTION key. The following screen will then appear:



1. Enter a new phone number

by pressing the corresponding keypad number key once.

Note: The following characters require a special key combination:

Space: press the # key two times (##).

Dash: press the # key three times (###).

NOTE: The directory will store a name and a phone number, or just a phone number, but not a name by itself.

OPTION

Choosing OPTION while in the DIRECTORY EDIT mode allows a directory record to be edited, deleted or a number to be viewed.

Press **RIGHT SOFT FUNCTION** key to select OPTION. The following screen will be displayed:

Edit Option

This option allows a phone record to be changed.

1. Select the "1" key from the keypad.
The following screen will be displayed:
2. Use the **RIGHT SOFT FUNCTION** key to delete the phone number or simply type the new number over the old entry.
3. If a name is a part of the record, you **SOFT FUNCTIO**

.....

3. Press the [] key to view the most recent call or the [] key to view the oldest call information:

Caller ID with Call Waiting Option

To make use of this option you must subscribe to both Call Waiting and Caller ID service with your local telephone company.

- * When on a call, you will be alerted to an incoming call with a short beep. The phone number and name of the incoming caller will be displayed simultaneously.
- * You can place the first call on hold and answer the second call by pressing TALK. Pressing TALK again will switch back to the first call.

Sound

Ring Volume

Press "MENU", "4", "1" to access Ring Volume menu.

1. From the IDLE mode press the RIGHT SOFT FUNCTION key to enter the Main Menu:
2. Select the SOUNDS option by pressing the "4" key from the keypad.
3. Select RING VOLUME by pressing "1".
4. Once in this option, the current ring volume level will be displayed on the second line of the LCD:



- 3.Key Volume
- 4.Key Volume Tone



* From the IDLE mode, press the RIGHT SOFT FUNCTION key to enter the Main Menu. Press the "5" key from the keypad to select SETTINGS.

Area Code

Press "MENU", "5", "1" to access Area code screen. By setting the local area code, when a telephone number is auto-dialed from the Caller ID containing the selected area code, the phone will not include the area code when the number is dialed.

1. When this option is selected, the local area code is displayed as shown:

The field for the area code has a maximum of three numbers.

2. The area code can be edited by typing the new numbers over the current digits. The  key can be used to delete the number above the cursor and the  Key can be used to move to the desired number.

3. Press the **LEFT SOFT FUNCTION** key to save the new area code setting or press END to return to the Settings Menu without saving the number.

Reset

Press "MENU", "5", "4" to access Reset menu.

Choosing this option allows the handset parameters (dial mode, backlight, ring and key tone settings and ring/voice volume) to be reset to the factory settings. Also, this option will delete all the Phone Directory entries and all the Caller ID entries.

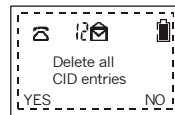
1. The Reset parameters option LCD will show:



2. The Reset DIR option LCD will show:



3. The CID option LCD will show:





4. In all cases, press the LEFT SOFT FUNCTION key to select YES and the RIGHT SOFT FUNCTION key to select NO.

5. Choosing YES, NO or the END key will return the handset to the Settings Menu.

Custom Name

Press "MENU", "5", "5" to access Custom name screen.

This option allows either a name or a greeting to be selected that will be displayed on the LCD in IDLE mode or when the handset is turned on.

2. The   scrolling keys may be used to select a base unit number from 1 to 4. Pressing the RIGHT SOFT FUNCTION key moves the selection from YES to NO and back to YES in the selection process.


Pressing the LEFT SOFT FUNCTION key will save the setting.

3. Repeat the process until all base units from which calls are to be accepted have been selected for the handset.

Contrast

Press "MENU", "5", "7" to access Contrast screen. This option adjusts the contrast for the handset's LCD screen.

1. While in the Settings Menu, select the "7" key from the keypad. The LCD will display the current contrast setting:

2. Use the  scrolling keys to change the contrast setting from 1 to 16 (1 is the lightest setting and 16 is darkest).

3. The LEFT SOFT FUNCTION key will save the new setting. Press END to return the handset to the Settings Menu. Pressing END again returns the handset to the Main Menu.

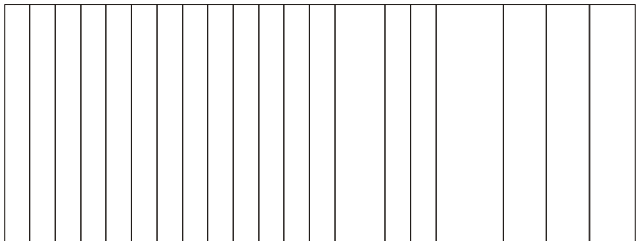
Dial Prefix

Press "Menu", "5", "8" to access the Dial Prefix screen.

Allows you to enter up to an eight-digit dialing prefix (i.e.: 1010555 for long distance service).

Use the UP/DOWN scrolling keys to toggle between the Yes or No Dial Prefix default selection. Press the RIGHT SOFT FUNCTION key to select "Edit" then enter the Dial Prefix number via the keypad. Press the LEFT SOFT FUNCTION key to select "Save".

If you have elected to use a Dial Prefix, enter a phone number, prior establishing dial tone, then press the " TALK" Key. The screen will ask you "Use Prefix?" select "Yes" by pressing the LEFT SOFT FUNCTION key or select "No" by pressing the RIGHT SOFT FUNCTION key.



3. Power Outage

In the event of a power outage, your cordless telephone will not allow you to make an outgoing call or take an incoming call. The cordless base station requires electricity for operation. You should have a telephone which does not require electricity available for use during power outages, or alternatively having proper backup power for the base station.

4. Notice to Hearing Aid Wearers: This phone system is compatible with inductively coupled hearing aids.

5. Notice to Cardiac Pacemaker Wearers: Preliminary studies done by FDA and others have shown that, although interference to the implanted cardiac pacemaker may occur when operating very closely, wireless telephones "do not seem to pose a significant problem for pacemaker wearers." However, until more is known, FDA suggests that people with pacemakers may want to take precautions when using or carrying a wireless telephone to ensure that there is ample distance between the telephone and the pacemaker.

Product Safety Tips

1. Read and understand all instructions.
2. Follow all warnings and instructions including those marked on the product.
3. Unplug this product from the wall telephone jack and power outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use damp cloth for cleaning.
4. Do not use the telephone near water, for example, near a bathtub, washbowl, kitchen sink, laundry tub, wet basement or 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 or openings in the product's housing back, side and bottom, are provided for ventilation. These openings must not be blocked or covered. Placing the product on a bed, carpeting, or other similar surface may block these opening and should be avoided. 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 overload wall outlets and extension cords as this can result in the risk of fire or electric shock.

9. Never push objects of any kind into this product through housing slots as they may touch dangerous voltage points or short out parts that could result in the risk of fire, electric shock, or injury. Never spill liquid of any kind on this product.

10. To reduce the risk of electric shock or burns, do not disassemble this product. Take this product to qualified service personnel when service or repair work is required. Opening or removing covers may expose you to dangerous voltages, electrical current or other risks. Incorrect reassembling of the product can cause electric shock when the product is subsequently used.

11. Warning: Changes or modifications to this product not expressly approved by EnGenius could void the warranty and the FCC authorization to operate the equipment.

12. Unplug the base station from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- If liquid had been spilled into the product.
- When the power supply cord or plug is damaged or frayed.
- If the product has been exposed to rain or water.

- 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 qualified service personnel to restore the product to normal operations.
 - If the product has been dropped or housing has been damaged.
 - If the product exhibits a distinct change in performance.
13. Avoid using 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 while in the vicinity of the leak.
15. The antenna on the desk station does not retract. To prevent injury, do not place the telephone where persons can step, trip or fall on the telephone.
16. Do not place metal objects on the antenna.
17. Do not install the base station or cordless handset charger near microwave ovens, radio equipment, or non-cable connected televisions. These appliances may cause electrical interference to the base station or cordless handset.
18. The base station must be placed on a hard, flat surface and connected to both a phone wall jack and an AC power outlet.
19. Do not stick foreign objects into any of the holes on the base station or cordless handset. You could harm the speakers, earpieces, microphones, or yourself.
20. Battery Safety Precautions: To reduce the risk of fire, injury or electric shock, or property damage, and to properly dispose of batteries, please read and understand the following instructions:
- BATTERY MUST BE RECYCLED OR DISPOSED OF PROPERLY. DO NOT DISPOSE BATTERY IN MUNICIPAL WASTE.

- Only use EnGenius approved Nickel-Metal Hydride (NiMH) rechargeable batteries in the cordless handset and battery charger.
- DO NOT use other rechargeable batteries or non-rechargeable batteries, or mixed types of batteries. The batteries could short-circuit, and the battery shell may be damaged causing a hazardous condition. Instruction labels are located in the handset and charging unit battery compartment.
- Always follow basic safety precautions when using and disposing of batteries. Do not dispose of the batteries in a fire; the cells may explode. Do not expose batteries to water.
- Check with local codes for special disposal instructions.
- Periodically clean the charge contacts on both the charger and handset.
- DO NOT mix old and new batteries in this product.
- Position positive (+) battery contact to match diagram in cordless handset.
- Charge the batteries provided with, or identified for use with, this product only in accordance with the instructions and limitations specified in the instruction manual.
- Exercise care in handling batteries in order not to short the batteries with conducting materials such as rings, bracelets, and keys. The batteries or conducting material may overheat and cause burns or fire.
- Do not open or mutilate the batteries. Released electrolyte is corrosive and may cause damage to the eyes or skin. the electrolyte may be toxic if swallowed.
- During charging, batteries heat up. This is normal and is not dangerous.
- Do not use non-EnGenius charging devices. This could damage the batteries.

SAVE THESE SAFETY INSTRUCTIONS

Regulatory Information

1. This telephone system complies with Part 68 of the FCC rules. On the bottom of the base station is a label that contains, among other information, the FCC Registration Number, Ringer Equivalence Number (REN) and the Universal Service Order Code (USOC), which is RJ-11C. Your telephone company may ask you for this information.
2. The REN is useful to determine the quantity of devices you may connect to your telephone line and still have all of those devices ring when your telephone number is called. In most, but not all areas, the sum of the REN's of all devices connected to one line should not exceed five (5.0). To be certain of the number of devices you may connect to your line, as determined by the REN, you should contact your local telephone company to determine the maximum REN for your calling area.
3. If your telephone equipment causes harm to the telephone network, the telephone company may ask you to disconnect the system from the line until the problem has been corrected or they may discontinue your service temporarily. If possible, they will notify you in advance. But if advance notice isn't practical, you should be notified as soon as possible. You will be informed of your right to file a complaint with FCC or DOC.
4. Your telephone company may make changes in its facilities, equipment, operations, or procedures that could affect the proper functioning of your telephone system. If they do and if possible you will be notified in advance to give you an opportunity to maintain uninterrupted telephone service. If you experience trouble with this telephone system, disconnect it from the network until the problem has been corrected or until you are sure that the equipment is not malfunctioning.
5. This telephone system may not be used on coin service provided by the telephone company. Connection to party lines is subject to state tariffs. Privacy of communications may not be ensured when using this phone.
6. This telephone system equipment has been tested and found to comply with the limits for Class B digital device, pursuant to Part 15 of the FCC Rules and RS210 of the DOC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. Some cordless and wireless telephones operate at frequencies that may cause interference to nearby TV's, VCR's, radio, computers, or other electronic devices. To minimize or prevent such interference, the telephone system should not be placed or operated near these devices. If interference is experienced, moving the base station or handset farther away from them will often reduce or eliminate the interference.
7. However, there is no guarantee that interference will not occur in a particular installation. If this telephone system does cause harmful interference to other electronic devices, which can be determined by turning the system off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
 - Increase the separation between the handset and/or base and the device that experiences interference.
 - Connect the base station into a power outlet on a circuit different from that to which the other device is connected. or, connect the base station to another telephone outlet.
 - Consult the dealer or an experienced electronic technician for help.