

PCS *digital*™
2.4 GHz Wireless Handset

PCS digital™

www.pcsdigital.net

Copyright © 2005 PCS digital™ All rights reserved



Part Number

Notes:

Notes:

Revision Table

Revision	Description of Changes	Date Released
Preliminary Release – PAL		12/2004
Version 1.0 - PAL	Reformat to Booklet size	1/2005

Telephone Callouts 6
 Terminate a Call..... 38
 Tone Ring Mode 26
 Transfer..... 9
 Troubleshooting..... 29
U
 User's Guide..... 37
V
 Vibration..... 25
 Vibrator..... 25
 Voice Announce 26
 Volume Bar..... 10

Table of Contents

TABLE OF CONTENTS 3
INTRODUCTION 5
INTRODUCTION 5
FEATURES 5
 TELEPHONE CALLOUTS..... 6
COMPARISON TABLE 7
FEATURE MATRIX..... 7
PART NUMBERS..... 8
DEFAULT BUTTON LAYOUT..... 8
FIXED BUTTON DESCRIPTIONS (HANDSET) 8
Three (3) Soft Buttons..... 8
Dial Keypad..... 9
Talk..... 9
Flash (Transfer) 9
Function / Feature..... 9
Hold (Power)..... 9
Programmable Feature Buttons..... 9
Mute..... 9
Volume..... 10
Headset Jack..... 10
Speaker..... 10
QUICK SETUP GUIDE..... 11
 INSTALLATION 11
 GETTING STARTED..... 11
Wireless Key Telephone Handset 12
Wireless Base Unit..... 12
Wall Mount..... 13
OPERATION 16
 POWER ON / OFF..... 16
 NORMAL OPERATION..... 16
 DISPLAY ICONS..... 17
Ring..... 17

Battery 17
 Out of Range..... 18
 No Link to Base 18
 Registration..... 18
 Key Lock (Flash / Transfer) 18
 Key Unlock..... 19

HANDSET PROGRAMMING..... 20

PROGRAMMING FIELDS..... 21
 LANGUAGE 22
 REGISTRATION 23
 DE-REGISTRATION..... 24
 RING MODE..... 25
 AUTO PICK UP..... 26
 RESET HANDSET 28

REGISTRATION AND TROUBLESHOOTING..... 29

Handset Registration..... 29
 De-registering a Handset 31
 De-registering a Handset 32

SPECIFICATIONS 35

FREQUENCY RANGE..... 35
 ELECTRICAL SPECIFICATION (HANDSET) 35
 LAMP CADENCE (HANDSET) 35
 BEEP / RINGER CADENCE (HANDSET) 35
 BASE UNIT..... 36
 FCC RULES AND REGULATIONS 36

USER'S GUIDE 37

BELT CLIP 37
 POWER ON/OFF 37
 KEY LOCK 37
 ANSWER A CALL..... 38
 Hold..... 38
 Transfer..... 38
 TERMINATE A CALL..... 38
 PLACE A CALL 38

O
 Operation 16
 Out of Range..... 18

P
 Part Numbers 8
 Power Button 9
 Power On/Off..... 16, 37
 Private mode..... 26
 Programmable Buttons..... 9
 Programming Fields..... 21

Q
 Quick Setup Guide..... 11

R
 Registration..... 18, 23
 Base Unit..... 30
 Dip Switches 30
 Handset 29
 Procedure 29
 Reset Handset 28
 Ring..... 25
 Ring and Vibrate 25
 Ring Mode 25

S
 Soft Buttons 8, 20
 Speaker Button..... 10
 Specification
 Base Unit..... 36
 Beep Cadence..... 35
 Electrical 35
 Frequency Range..... 35
 Lamp Cadence..... 35
 Ring Cadence..... 35

T
 Talk Button 9

Hold.....	9
Programmable Buttons.....	9
Soft Buttons.....	8
Speaker.....	10
Talk.....	9
Transfer.....	9
Volume Bar.....	10
Flash.....	9
Frequency Range.....	35
G	
Getting Started.....	11
H	
Handset Programming.....	20
Handsfree.....	26
Headset Jack.....	10
Hold.....	38
Hold Button.....	9
Hot Keypad.....	5

I	
Installation.....	11
Base Unit.....	12
Handset.....	11
Introduction.....	5
K	
Key Lock.....	37
Key Unlock.....	19
L	
Language.....	22
N	
No Link to Base.....	18
Normal Operation Display Callouts.....	16
Normal Operation Mode Dip Switches.....	33

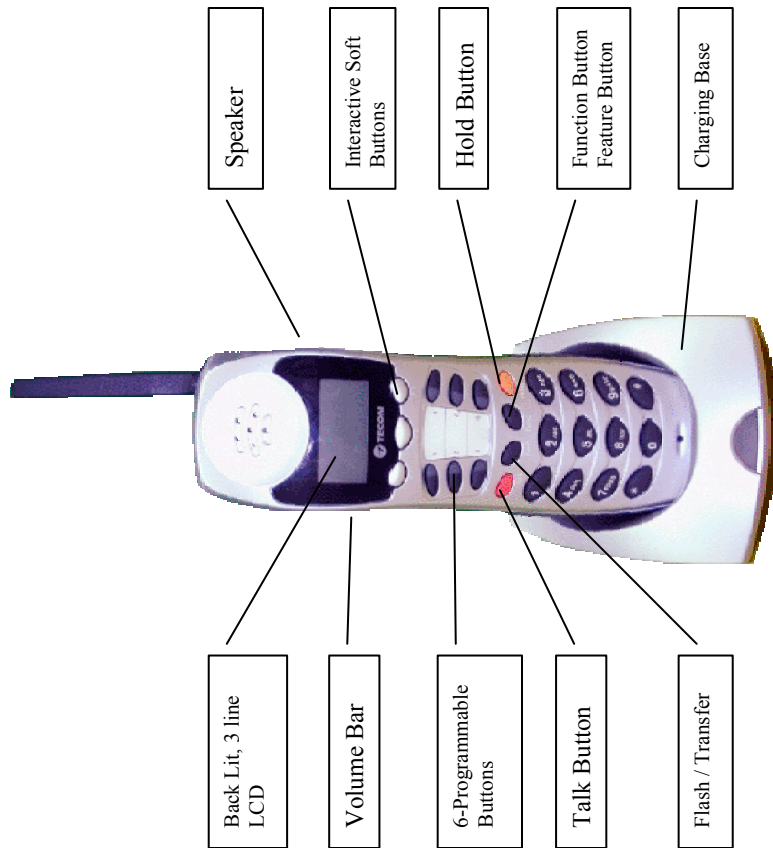
Introduction

The Wireless Key Telephone Handset was designed to allow you to move freely while maintaining access to any number of outside lines, and resources of your office telephone system. It can be used for administrative and system programming as well as function in a hands free environment. Most of the PCS digital™ systems support a maximum of 4 wireless handsets using 2 remote base units; each can support 2 simultaneous (Central Office or Intercom) conversations.

Features (Handset)

PCS digital™ designed the Wireless Key Telephone Handset to function similar to the 31-button telephone with the mobility of a wireless environment. The handset has a hot keypad, allowing telephone numbers to be dialed without having to press the “Talk” or “Speaker” buttons and it can be used for hands free communications. The Wireless Handset has 3 interactive soft buttons, 6 programmable flexible buttons, and 7 fixed buttons –including the volume bar (to increase or decrease the volume) and speaker buttons which are found on the sides. And to make the most of the Wireless Handset, it has a 2.5 mm headset jack and it can be programmed to ring, vibrate or ring and vibrate for each incoming call, making the PCS digital Wireless Key Telephone Handset one of the most versatile key telephone available for businesses today.

Telephone Callouts



INDEX

A

Answer a Call..... 38
 Auto Pick up..... 26

B

Background Music..... 17
 Base Unit
 LED Cadence..... 14
 Belt Clip..... 37

C

Comparison Table..... 7

D

Default Button Layout..... 8
 De-Register
 Handset 1..... 34
 Handset 2..... 34
 De-Registration..... 24
 Base Unit..... 33
 Dip Switches..... 33
 Handset..... 32
 Dial Keypad..... 9
 Display ICON..... 17
 Battery..... 17
 Key Lock..... 18
 Ring Modes..... 17

F

FCC Rules and Regulations..... 36
 Feature Buttons..... 9
 Feature Matrix..... 7
 Features..... 5
 Fixed Buttons..... 8
 Dial Keypad..... 9
 Feature Button..... 9
 Flash..... 9
 Function Button..... 9

Answer a Call

Intercom calls can be answered in hands free mode, allowing you to converse with the calling party without press any buttons. If the handset rings, press either the “Talk” or the “Speaker” button to answer the call. Depending on the “Auto Pickup” parameter, you can also answer a call just by removing the handset from the charging base.

Hold

To place a call on hold, press the hold button. To retrieve the call press the hold button again, or select the CO Line on hold.

Transfer

There are several ways to transfer a call.

Option 1:

While on a telephone call, press the Hold button
Dial the destination (extension number, voicemail or hunt group)
Press the Transfer button to complete the transfer

Option 2:

While on a telephone call, press one of the 6-preprogrammed buttons containing the extension number where the call will be transferred to.

Terminate a Call

Press the “Talk” button to terminate an active telephone call. Pressing the speaker button may not terminate the call, depending on the conversation mode.

Place a Call

Dial the intercom telephone number or press one of the 6-preprogrammed buttons, with an intercom or Central Office line programmed on it.

Comparison Table

31-Button display telephone and the Wireless Key Telephone Handset

Feature	31-Button	Wireless Handset
Battery Charge Indicator	N/A	Yes (On LCD)
Conference or Page	Yes	Yes (Requires a button)
Dial Keypad (12 key touch tone®)	Yes	Yes
Hold	Yes	Yes
LCD	2 – Line 16 – Character	3 – Line 16 – Character
LCD Backlit	N/A	Yes
Message Waiting Indicator	Yes (with LED)	Yes (On LCD)
Off-Hook Voice Announce	Yes	No
Programmable Buttons	20	6
Redial	Yes	Yes (Requires a button)
Soft Buttons	3	3
Speaker	Yes (With LED)	Yes
System Programming	Yes	Yes
Talk	N/A	Yes
Transfer / Flash	Yes	Yes
Volume UP/Down	Yes	Yes – Left Side

Feature Matrix

Feature	Description
2.4 GHz	Frequency Hopping (90 Channels/100 times per second) helps eliminate frequency interference.
Up to 250 Feet or 62,000 ft ²	Operating Range (depending on the environment)
Up to 9 hours of Talk Time	Nickel Metal Hydride Battery (depending on environmental conditions)
Up to 160 hours of Stand By time	
Headset Jack	2.55 mm – commonly used on Cellular Telephones

Part Numbers

Part Numbers	Description
6006-00	2.4 GHz Wireless Key Telephone with Charging Base and Base Station
6006-61	2.4 GHz Wireless Key Telephone with Charging Base

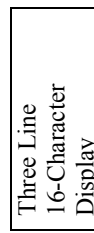
Default Button Layout

Soft Button 1 (F1)	Soft Button 2 (F2)	Soft Button 3 (F3)
Programmable Button 1	The Red LED lights when the feature is active	Programmable Button 4
Programmable Button 2		Programmable Button 5
Programmable Button 3		Programmable Button 6
Talk	Transfer / Flash	Function / Feature
1	2	3
4	5	6
7	8	9
*	0	#
		Hold

Fixed Button Descriptions (Handset)

Three (3) Soft Buttons

The Soft Buttons are interactive buttons that update based on the status of the handset, designed to make programming and feature operation easier. In the manual they are referred to as F1, F2 and F3.



F1 F2 F3

User's Guide

The Wireless Handset takes the place of the 31-Button key telephone; it has an easy to read 3-line LCD, 3 interactive soft buttons and a Hot Keypad. 6-programmable buttons can be assigned as a CO Line, an extension or a feature, allowing calls to be answered, transferred, placed on hold, or forwarded from the Wireless Handset, just like the 31-Button Key Telephone.

The "Hot Keypad" is a step saver dialing feature, which allows calls to be placed without having to press extra buttons. Simply dial the extension that you are trying to reach, or press the CO line and dial the telephone number. There is no need to press the speaker or talk button before dialing.

Belt Clip

To help eliminate misplacing the Wireless Handset, we've included a belt clip. The belt clip is attached to the back of the handset by inserting the plastic posts, found on the belt clips, into the indentation found on the handset.

Power On/Off

To turn the power on or off, press the hold button for 3 seconds. When powered up, the back lit LCD display, will show the current date and time, extension number and ring mode. To conserve energy, the back lit display will turn off in 10 seconds and after 20 seconds, the handset will go into sleep mode and only displaying, ring mode, current battery charge, and the extension number. Any activity on the telephone will wake the call up, and the handset will become fully functional.

Key Lock

Press the Flash key for 3 seconds, to lock and unlock the keys on the handset. This will prevent the handset from dialing unintended digits. Although the keys are locked, incoming calls can still be answered by pressing the talk or speaker keys. The "C" in the display is the indication that the handset is locked. To unlock the keys, after pressing the Flash button for 3 seconds, the third soft button will have to be pressed as well.

Base Unit

Line Jack	Two port digital (2-wire) to the telephone system, using a standard RJ11C
Port Jack	The voltage for the base unit is supplied by the telephone system over the digital port, connected through port 1.
Power Jack	AC Power port is reserved for special environments only.

FCC Rules and Regulations

This product has been tested and found to be compliant with Part 15, and is eligible to use the telephone system's registration number.

Dial Keypad

The dial keypad is used to dial telephone numbers.

Talk

The Talk Button is used to answer or originate an Intercom or Central Office calls.

Flash (Transfer)

The Transfer Button is used to transfer calls to other stations in the system. When used as Flash, it will refresh the external dial tone from the telephone service provider. To help eliminate the Wireless Handset from dialing erroneous numbers, the key can be locked by pressing the Flash (Transfer) button for three (3) seconds. To Unlock the keys press and hold the Flash (Transfer) button for three (3) seconds, followed by the right soft button.

Function / Feature

The Function / Feature Button is used to activate features, enter the Attendant administration mode or to enter System programming mode.

Hold (Power)

The Hold Button is used to place Intercom and Central Office telephone calls on hold. Additionally, pressing the hold button for three (3) seconds will power the handset on and off.

Programmable Feature Buttons

The Programmable Feature Buttons, with red LED's, can be programmed with a desired feature/function including Central Office Lines, Intercom, and Extension Features such as Call Forward, Do-Not-Disturb, etc. To program a feature/function button:

- 1) Press **FEAT** [F#] + **3**
- 2) Press the button to be programmed
- 3) Select the desired feature using the soft buttons

Mute

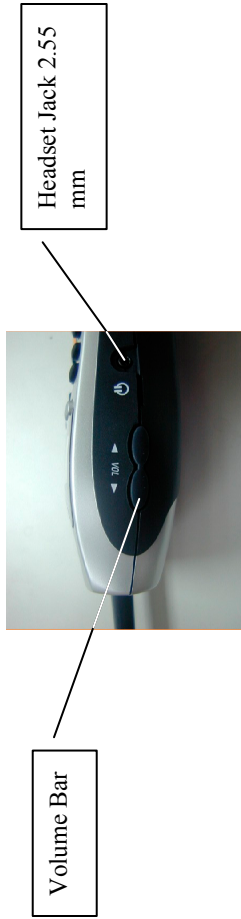
Although Mute can not be programmed on a button, it can be (De)activated by dialing the code "**FEAT** **76**".

Volume (Left Side)

The volume bar is used to increase or decrease the receiver, ringer, speaker and headset volumes.

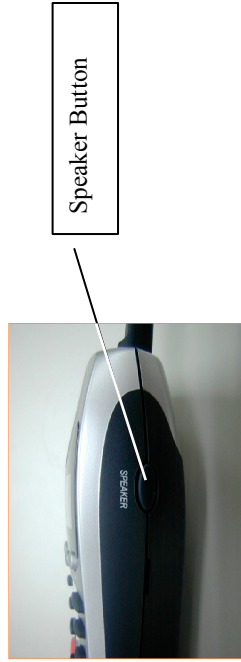
Headset Jack (Left Side)

The headset becomes active when it is plugged in. However, for proper operation the feature code **FEAT [9] + [7]** may be required. When a headset is plugged into the handset, the speakerphone becomes disabled.



Speaker (Right Side)

The Speaker Button is used to activate the Speakerphone on an idle or busy handset



Specifications

Frequency Range

Frequency Range	2.4 to 2.4835 GHz
Operating Channels	90

Electrical Specification (Handset)

Battery	Rechargeable Nickel Metal Hydride
Power Rating	3.6 V DC – 700 mAh
Stand-by Time	Up to 160 hours
Talk Time	Up to 9 hours
Line of Sight	Up to 250 feet
Ft ²	Up to 62, 500 ft ²

Lamp Cadence (Handset)

Dark	Line or Intercom is idle, or the feature is not active
Lit	Feature is active
Slow	0.5 seconds on, 0.5 seconds off, repeating
Fast	0.1 seconds on, 0.1 seconds off, repeating
I-Use	1.85 seconds on, 0.05 seconds off, 0.05 seconds on, 0.05 seconds repeating

Beep / Ringer Cadence (Handset)

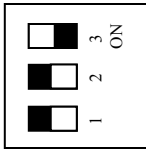
Key Tone	50 milliseconds
Single Beep	500 milliseconds
Double Beep	250 milliseconds on, 250 milliseconds off, 250 milliseconds on, then off
Intercom Ring	300 milliseconds on, 400 milliseconds off, 300 milliseconds on, 2 seconds off repeating
CO/Trunk Ring	1 second on, 2 seconds off, repeating
Hold Recall Ring	300 milliseconds on, 400 milliseconds off, repeating

De-register Individual Handsets

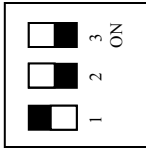
To remove power from the base unit, unplug port 1 and reposition the dip switches as follows:

Handset 1 – Place switches 1 and 2 in the down position (On) and switch 3 in the up position (Off).

Handset 2 – Place switch 1 in the down position (On) and switches 2 and 3 in the up position (Off).



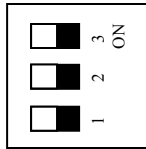
De-register Handset 1



De-register Handset 2

Re-plug port on into the base unit to restore power. During the de-registration process the LED on the base unit will flash at a unique rate; 125 milliseconds on, 125 milliseconds off. The de-registration process will take approximately five (5) seconds.

When the process is complete, remove power from the base unit by unplugging port 1. Place the dipswitches back into the “Normal Operation” mode, by placing all switches up or off position.



Because the de-registration process is initiated from the base unit, the handset remains passive and will update once the de-registration process is complete. To confirm that the de-registration process is successful, the de-registered handset(s) will display:



Quick Setup Guide

This section is designed to get the wireless handset on line quickly and easily, using a brief outline format.

Installation

The Wireless Key Telephone Handset is actually a full function key set without wires. Therefore, each unit requires its own digital extension in the telephone system. The digital extensions are plugged into the back of the base station, which is connected wirelessly with up to two (2) handsets. Each telephone system can have a total of four (4) wireless handsets (2 base units, each with 2 handsets).

Getting Started

The base unit, handset, charging base and electrical plug come as a kit. Before you begin, make sure that all of these items are in good working order. Not shown here is the wall mount plate that gets mounted under the base unit and the belt clip that attaches to be back of the handset.



Wireless Key Telephone Handset

- 1) Unpack the wireless handset and charging base unit
 - a. The charging base requires electricity and it should be plugged into a 117 ± 10% AC outlet. When the handset is placed into the charging unit, the red charging light will illuminate.
- 2) Open the back of the handset, found at the bottom, to install the supplied battery.
 - a. Unpack the battery
 - b. Plug the battery cable into the small white connector found at the bottom of the handset; then clip the battery into place.
 - c. Replace the back cover
- 3) The handset will power up, if the battery has enough stored power, and the display will say:

INITIALIZING
PLEASE WAIT...

- Note: If the handset does not power up automatically, don't worry, just press the hold button for three (3) seconds to power it up manually.*
- 4) The handset will try to establish a connection to the base unit, which is not yet active. The display will update:

NO LINK TO BASE

- a. Ensure the handset is fully charged, by charging it for 24 hours before use. While programming, each handset is identified by the port that it is plugged into, port 1 = line 1, port 2 = line 2.

Wireless Base Unit

The wireless base unit is a compact radio transmitter that connects the telephone system with the Wireless Key Telephone Handset. It contains Printed Circuit Boards (PCB's) that can be susceptible to excessive heat or cold. Therefore, it should be mounted in a clean, heat regulated area with a relative temperature of 50 to 80 degrees with a relative humidity of 40 to 80 percent.

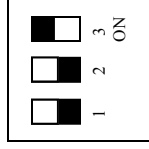
It is complete line powered, by the telephone system through the RJ11C jack so there is no need to locate it near an AC outlet. It is more important that it is a centrally located area.

Base Unit

The Dip Switches are used to de-register one, or both, handsets form the base unit. To de-register a handset, it must be idle.

De-register All Handsets

To remove power form the base unit, unplug port 1
Reposition the dip switches as follows – Place switches 1 and 2 in the up position (Off) and switches 3 in the down position (On).



Re-plug port on into the base unit to restore power. During the de-registration process the LED on the base unit will flash at a unique rate; 125 milliseconds on, 125 milliseconds off. The de-registration process will take approximately five (5) seconds.

When the process is complete, remove power from the base unit by unplugging port 1. Place the dipswitches back into the “Normal Operation” mode, by placing all switches up or off position.



De-registering a Handset

ON occasion a handset needs to be de-registered. This would happen if the handset were going to be used on the different base unit. There are two methods for de-registering handsets: From the base unit using the dipswitches all handsets, or the individual handsets can be De-register or from the handset, each can be de-register individually.

Handset

While in the programming mode, select the “De-registration” parameter:

((ZQSE))
> DE-REGISTER
VIBRATION

Press (F1) or (F2) to toggle between “No” and “Yes”, press “OK” (F3) when the desired answer is in the display.

((ZQSE))
DE-REGISTER
NO?

((ZQSE))
DE-REGISTER
YES?

Select “No” to back out of this area without de-registering the handset. Select “Yes” to de-register the handset. The display will update:

((ZQSE))
> DE-REGISTER
PLEASE WAIT...

If it is successful the display will update:

((ZQSE))
PLEASE
REGISTER

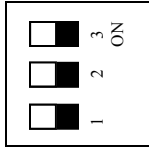
Wall Mount

The Wireless Base Unit can be surface or wall mounted. The wall mount kit is a standard wall place mounting bracket and the antenna can be kept straight for wall mount, or bent at a 90 degree angle for surface mounting



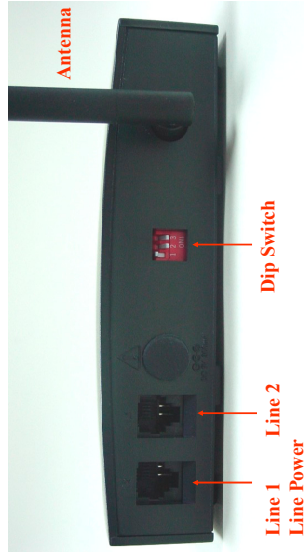
1) Unpack the Wireless Base Unit

- a. To provide the best possible signal the unit should be located at an optimum height and location for the coverage area. Like all wireless systems, the wireless handset works best when it is in the line-of-sight of the base unit. Obstacles such as concrete or metal walls can substantially limit the range. Although rare, other equipment in the same frequency range may cause interference. When using more than one base unit, be sure to place them at least 15 feet apart.
- b. For proper operation, the dipswitches on the back of the base unit should all be set to the "Off" position. (All switches follow the white squares and are in the up position.)



- c. Connect the base unit to the telephone system using one digital port for each wireless key telephone handset.

- i. If both extensions will be used, plug port 2 in first



- ii. Plug in port 1 to power up the base unit

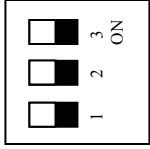
Note: The base station is completely powered by the telephone system so there is no need for an external power supply or AC outlet.

- d. To ensure proper operation, locate the red LED on the front of the base unit. There are three (3) different cadences and they are:

If the registration process is unsuccessful the following will be seen:

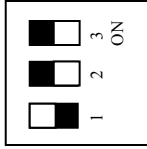


Before proceeding remember to place the dipswitches in the "Normal" position (All switches up, in the off position) as seen below.



Base Unit

To remove power from the Base Unit by unplugging port 1 Place Dip Switch 1, in the up position, turning it off, while leaving switches 2 and 3 in the down position, turning them on. Switches follow the white squares, See below:



Note: The LED will flash in the "Registration Mode" Cadence (125 milliseconds on, 125 milliseconds off). Dipswitch 1 is off (up) and Dipswitches 2 and 3 are on (Down), which takes about five (5) seconds.

Plug port 1 in – restoring power to the base unit
 Wait 5 seconds – the LED begins flashing rapidly. For the next 30 seconds, while the LED is rapidly flashing, PRESS THE "OK" (F3) BUTTON on the Handset.



If successful, the handset will update:



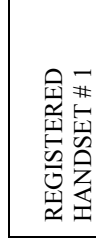
Note: If Handset 2 is being register the display will say "HANDSET #2"

The display shows that the handset is now on line:



Operation	Cadence
Normal Operation	500 milliseconds on, 500 milliseconds off
Transition Mode	1000 milliseconds on, 1000 milliseconds off
(De) Register Mode	125 milliseconds on, 125 milliseconds off

- e. Handset Registration
 The Wireless Handset that comes with a Base Unit is factory registered and should be operational right out of the box. If the handset does not become operational, please see the troubleshooting section for directions to manually register the handset.



Operation

The Wireless keyset is designed for people on the go. The interactive display and soft buttons make it easy to program and operate. This section is to help you understand the displays.

Power On / Off

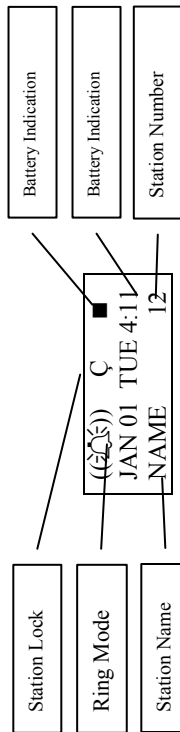
To turn the handset on, press the "Hold" button for three (3) seconds. The handset will go through a start up procedure and the display will say "POWER ON". Although it is not necessary to turn the power off when not in use, the Wireless Handset can be turned off by pressing the "Hold" Button for three (3) seconds. When the telephone is idle, it will automatically go into standby mode to preserve the battery charge. The Handset becomes active when a call is received or when any key is pressed.

The display will indicate a change in status:

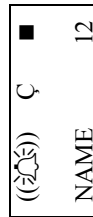


Normal Operation

- Once the Wireless Handset is registered the display will update to show the ring mode(s), battery indication, date, time, user name, if supplied, and the extension number.



- To extend the battery standby time, the handset is designed to go into standby mode. Once in standby mode, the display updates, see below, and the handset becomes passive and does not update until a button is pressed.



Registration and Troubleshooting

The Wireless Handset will be pre-registered to a base unit, if they are purchased as a package. If the handset is not registered perform the following steps:

Handset Registration

If the handset power is on, press the Hold button for 3 seconds to turn the handset off. Wait 10 seconds before beginning the registration process

Handset

Press the Hold button for 3 seconds to power up the wireless handset



Press the first soft button (F1) to enter the programming mode



Press the "OK" button (F3) to select "Registration"



Press either the first or second (F1 or F2) soft button, changing from "NO?" to "YES?"



DO NOT PRESS "OK" (F3) AT THIS TIME

Reset Handset

Reset Handset is used to initialize the handset back to factory default for these 6-programming parameters. Extension features, programmed by the telephone system and the programmable buttons are unaffected by this reset function.

Select "Reset Handset" to initialize the handset, press "OK" (F3).



Press (F1) or (F2) to toggle between "No" and "Yes", press "OK" (F3) when the desired answer is in the display.



If "NO" is selected, the handset will not be initialized and will return to the initial menu. If "YES" is selected, the display will update and the handset will initialize and restart automatically.



After the reset is complete, the handset restarts:



- 3) Depending on the PCS digital System, the Wireless Handset could have an individual call log, with the following display:



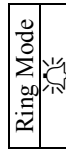
Caller ID call log

Display ICONS

The Display ICONS are pictures that are designed to help the user understand the status of the Wireless Key Telephone Handset.

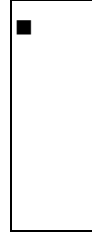
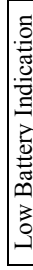
Ring

There are three ring modes: Ring, Vibrate, and both Ring and Vibrate. The visual indication is located at the top left hand side of the display.



Battery

The Wireless Handset is powered by a long life rechargeable Nickel Metal Hydrate battery pack. The Battery ICON, which is located on the top right hand side of the display, shows how much charge is left on the installed battery. As the charge decreases so does the size of the battery ICON. If the charge gets too low, the ICON gets very small the display will show, "Low Battery". If the handset is in use an audible tone is heard once every 15 seconds.



When the wireless handset is not in the charging base, background music, when enabled (FEAT-512), will drain the current telephone charge.

Out of Range

When the handset is carried out of signal range from the base unit, a warning tone will be repeated every 5 seconds and the display will update.

OUT OF RANGE

No Link to Base

If the connection from the Wireless Handset is lost, due to a power failure or lost connection to the telephone system, the display will say “No Link to Base”. This is an indication that the handset and the base unit are unable to communicate with each other. To reestablish the link, return to the base unit to make sure that it is operating correctly. Reestablishing link may take up to 30 seconds.

NO LINK TO BASE

Registration

If the Wireless Handset is not registered to the Base Unit, the LCD display “Please Register” and not the extension name and number. To register the handset, refer to the “Troubleshooting” section.

PLEASE REGISTER

Key Lock (Flash / Transfer)

When the Wireless Handset is idle, press the “Flash/Transfer” button for three (3) seconds to lock and unlock the buttons (keys). This will prevent the handset from dialing unintended digits. Although the keys are locked, incoming calls can still be answered by pressing the talk or speaker keys. The “Ç” in the display is the indication that the handset is locked.

((())) Ç

When set to “Hands free” the user can converse with intercom callers without pressing any buttons or taking the handset out of the charging base. Central Office calls still require the handset to be taken out of the base unit, press the Talk or Speaker Button.

((())) ■
AUTO PICKUP
HANDSFREE

When set to “Disable” the user must remove the handset from its charging base and press either the “Talk” or “Speaker” buttons to answer the incoming call.

((())) ■
AUTO PICKUP
DISABLE

Once the Desired Auto Pick up mode is selected, press the “OK” Button (F3). A confirmation tone will be heard and the display will update:

((())) ■
AUTO PICKUP
RECEIVER OK!

Auto Pick up

Auto pick up allows the user to select how calls will be answered. There are three (3) ways that a call can be answered, Hands free, Receiver and Disabled. In Hands free mode the user can converse with incoming callers without removing the handset from its charging base. In Receiver mode the user must remove the handset for the charging base in order to converse. When Auto Pick up is disabled, the user will have to remove the handset from the base unit and press either the Talk or the speaker button to converse with the calling party.

The Auto Pick up functionality can be affected by the H-T-P (FEAT 918) feature. To ensure proper operation please refer to the following matrix:

Wireless Handset Auto Pick-up Operation:

	Disabled	Receiver	Handsfree
VA-HF (Handsfree)		Answer	Hands free
VA – Private	Announce only. User must dial “FEAT 716” to disable Mute	Answer	Hands free
Tone Ringing	Rings, does not answer when removed from charging base unit.	Rings, answers in “Talk” mode when removed from the base unit	Rings, answer in “Speaker” mode when removed from the charging unit

Select auto pickup to customize the way each handset will answer incoming calls.



 > AUTO PICKUP
 RELEASE CALL

When set to “Receiver” the user can answer a ringing call by removing the handset from the charging base or by pressing either the “Talk” or “Speaker Button”.



 AUTO PICKUP
 RECEIVER

Key Unlock

To Unlock the Handset, Press the “Flash/Transfer” button for three (3) seconds the display updates:

LONG KEY PRESS
[TRANSFER]
TO UNLOCK

F1 F2 F3

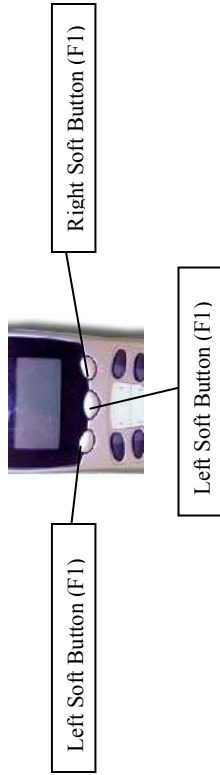
Note: “Long Key Press” = Press and hold the “Flash/Transfer” key for an extended period of time, usually up to 3 seconds.

To ensure that the keys are not accidentally unlocked, the right “Soft Button” must be pressed within three seconds to complete the “unlock” procedure. If the button is not pressed the Handset remains locked.

TO UNLOCK
PRESS [F3]

Handset Programming

To enter the Handset programming mode, press and hold the first soft button (F1) for 3 seconds. The soft keys assist in the programming process. In programming the soft keys do double duty. When scrolling through the main programming screen, soft keys (F1) and (F2) are used for “Up” and “Down”. However, once a parameter is selected, they are used for “Yes” and “No”. The right soft key (F3) is used for “Select” and “OK”.



Soft Buttons	Function
Left (F1)	Enter/Exit Handset Programming Mode Scroll up Yes
F2 (Center)	Scroll down No
F3 (Right)	Select OK

Ring Mode

The Handset has three different ring modes. Ring, Vibrate, and Ring and Vibrate. The Default setting is Ring only.

Select Vibration to set the type of ringing for this handset.



When set to “Ring” – the handset will ring when the extension number is dialed. Press “OK” (F3), the ICON will update.



When set to “Vibrator” – the handset will vibrate when the extension number is dialed. Press “OK” (F3), the ICON will update.



When set to “Ring and Vibrator” – the handset will ring and vibrate when the extension number is dialed. Press “OK” (F3), the ICON will update.



Once the desired language is in the display, press OK (F3). A confirmation tone will be heard and the word “OK” will appear in the display.

Once the desired Ring mode is selected press the “OK” (F3). A confirmation tone will be heard and the display will update:



De-Registration

Occasionally it may be necessary to de-register a handset. Once de-registered, the handset is no longer considered part of the system. To de-register a handset, select “De-register” fin the programming menu and press “OK” (F3).



Select “Yes” to begin the de-registration process.



While the de-registration process takes place the following will be displayed:



If the de-registration process is successful the display will update and a confirmation tone will be heard.



Note: If the procedure fails, please see the Troubleshooting section.

Programming Fields

There are six (6) programming fields that can be customized for each Wireless Handset.

Heading	Parameters
Language	English✓, French Spanish
Register	
Deregister	
Vibration	Ring✓, Vibrate, Ring and Vibrate
Auto Pick up	Receiver✓, Hands free, disable
Reset Handset	

✓ = Default Value

Select the programming parameter from the programming menu by scrolling through the choices. When the “>” sign is on the parameter to be programmed, press OK (F3). In the example below, the “Language parameter will be programmed.



From this point on, the manual assumes that the Wireless Handset is in programming mode.

Language

The Wireless Handset can be personalized to display the prompts in three (3) different languages: English, French, and Spanish. The default language is English. Press the down button (F2) to scroll through the languages.

((()))
 ■
 LANGUAGE
 ENGLISH

((()))
 ■
 LANGUAGE
 ESPANOL

((()))
 ■
 LANGUAGE
 FRANCAIS

Once the desired language is in the display, press OK (F3). A confirmation tone will be heard and the word "OK" will appear in the display.

((()))
 ■
 >LANGUAGE
 ENGLISH OK!

The telephone system may deliver some information in English, depending on the host system and the application

After three (3) seconds the display will update to the upper level menu. The following display will be seen:

((()))
 ■
 > LANGUAGE
 REGISTRATION

To continue programming press the down button or to exit programming press the hold button.

Registration

Each Wireless Handset becomes an extension on the system after it has been registered. To register a new phone, set the Dip Switches on the host base unit, as demonstrated in the troubleshooting section. Select Registration from the programming menu and press "OK" (F3).

((()))
 ■
 >REGISTRATION
 DE-REGISTER

Select "Yes" to begin the registration process.

((()))
 ■
 >REGISTRATION
 NO?

((()))
 ■
 >REGISTRATION
 YES?

While the registration process takes place the following will be displayed:

((()))
 ■
 > REGISTERING
 PLEASE WAIT....

If the registration process is successful the display will update and a confirmation tone is heard.

((()))
 ■
 >REGISTERED
 HANDSET #

Note: The "#" is the number of the handset being registered. If the procedure fails please see the Troubleshooting section.

If this procedure fails, the display will update and the registration process will have to be tried again.

((()))
 ■
 FAILED
 TRY AGAIN!