

CHAPTER 1

Features, Specifications, and Safety Information

Overview

This chapter discusses the features of the Life|point® InTouch phone and provides important information you should read and understand before installing and using it.

Note: The user interface screens depicted in this guide are for a generic hospitality interface. For actual screens used for The Cosmopolitan, refer to the *Phone Pages* chapter of the **Technology Concierge User Guide** for The Cosmopolitan implementation.

Read the following sections to learn more about the phone's features, care and maintenance, specifications, and related safety information:

- [About the Life|point InTouch Phone](#)
- [Technical Specifications](#)
- [Important Safety Information](#)

About the Life|point InTouch Phone

The Life|point InTouch phone is a tabletop Voice Over Internet Protocol (VoIP) touch-screen telephone for hospitality applications. This stylish, versatile phone combines the functions of an alarm clock, voice-message machine, room-control remote, stereo music dock, and cordless telephone into a multipurpose information and control center.

Designed to provide unmatched flexibility and ease of use, the InTouch phone offers abundant features and crystal-clear digital calling with the convenience of a touch-screen interface. This User Guide covers the following model:

- **LPIT-H0D1E0P1** — Cordless model features cordless multibutton handset with color LCD display.

Unit Features and Connections

- **Full-Color Touch-Screen Display** — The Life|point InTouch phone's 7-inch diagonal, full-color touch screen display offers more room for larger, easy-to-read graphics.
- **Cordless Handset** — Cordless handset offers extra mobility when placing and receiving calls.
- **Snooze, Alarm OFF, and Volume Buttons** — The display panel has raised buttons for SNOOZE, Alarm OFF, and Volume Up and Down.
- **Audio Connectors for Portable Music Devices** — Connect portable music devices to the 3.5mm stereo and RCA audio jacks and listen to music through the built-in stereo speakers.
- **USB Port for connecting and charging USB devices** — Side panel has a USB port for charging USB devices.
- **Network Connections** — The rear of the base unit includes one POE-enabled RJ45 jack for connecting the phone to the hotel network.
- **POE Capable** — The phone can be powered with power over Ethernet (POE) from a POE-enabled hotel network.
- **Standard and Customizable User Interfaces** — The phone comes equipped with a standard telephone user interface so it can act as a standalone VoIP telephone with no interface programming required. When connected to a Life|ware server, the phone's user interface can be customized using the Life|ware Visual Project configuration tool.
- **External Power Supply Connection** — Power input jack for 48-volt DC external power supply to be used when connecting to hotel networks without POE.

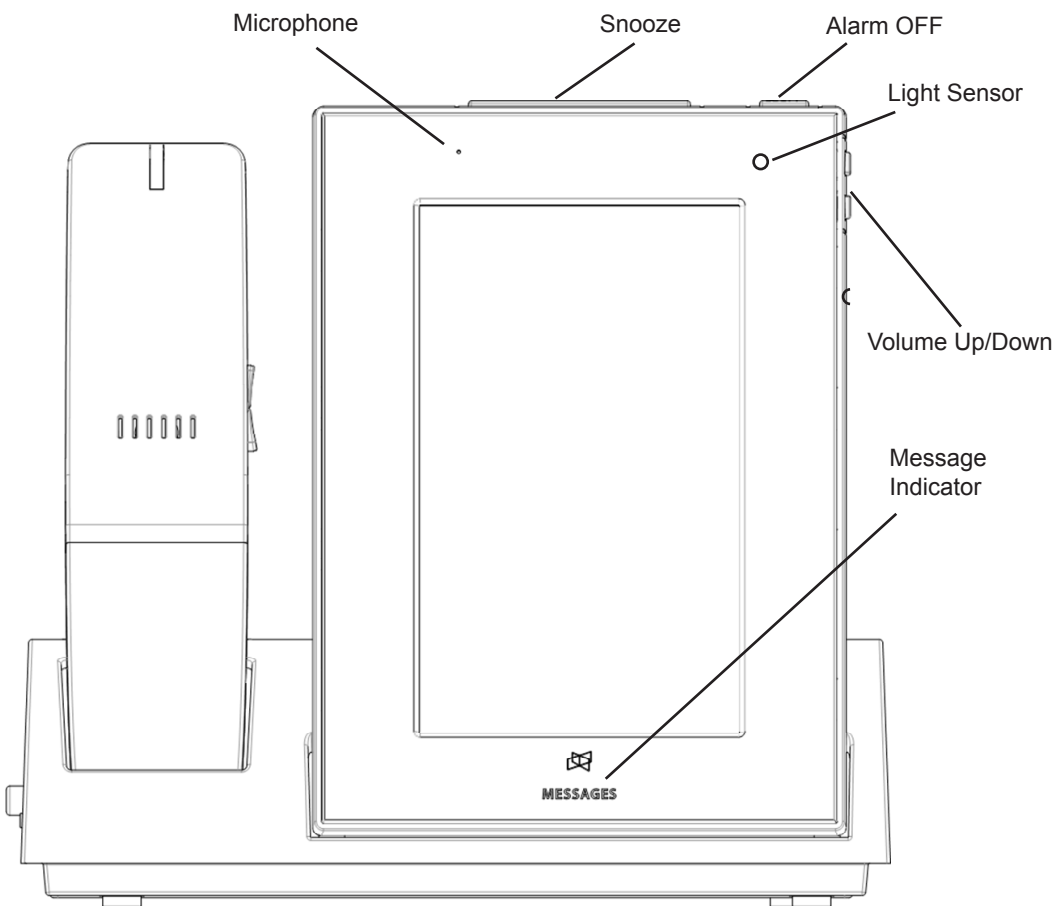


Life|point® InTouch Phone

Display Panel Features

The touch-screen display panel is tiltable and includes:

- Raised buttons for Snooze, Alarm OFF, and Volume Up and Down
- Message indicator for incoming messages
- Light sensor for automatic display brightness
- Built-in microphone.

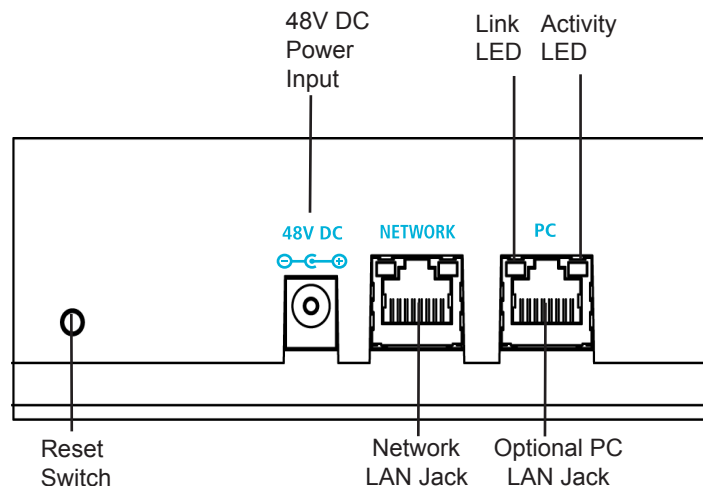


Display Panel Features

Rear Panel Features and Connections

The rear panel (see following diagram) from left to right includes:

- Reset switch recessed behind the rear panel
- DC power input jack for 48V DC external power supply (required for non-POE hotel networks)
- RJ45 jack with POE for VoIP connection to the hotel network
- Optional RJ45 jack for connecting an external PC to the hotel network through the phone.



Rear Panel Power and LAN Connections

Reset Switch

The Reset switch is recessed behind a small hole in the rear panel and can be pressed with a straightened paper clip or other small-shafted object. Refer to the troubleshooting chapter for information on the proper use of this switch.

DC Power Input

The 48V DC power input jack accepts the barrel-plug end of a 48-volt DC power supply (not included with phone) required for use with non-POE networks.

RJ45 Ethernet Jack with POE

This POE-equipped RJ45 LAN jack is for connecting the phone to the hotel network. When a high-speed (100MB/s) network link is established, the Link LED turns green. The Activity LED will flash green when the phone is communicating with the network.

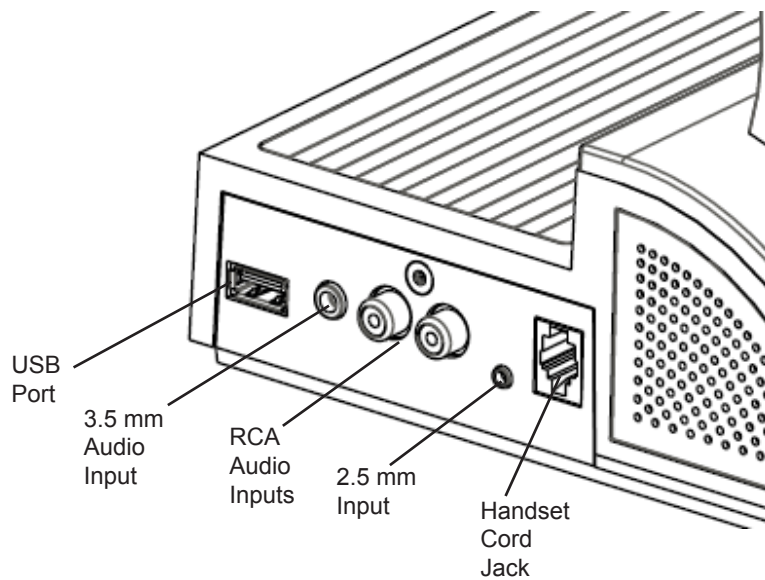
Optional RJ45 Ethernet Jack (non POE)

This optional RJ45 LAN jack (selected models only) is for connecting an external PC to the hotel network through the phone. When a high-speed (100MB/s) network link is established, the Link LED turns green. The Activity LED will flash green when the external PC is communicating with the network.

Side Panel Features and Connections

The side panel (see following diagram) includes:

- USB port
- 3.5 mm stereo and RCA stereo audio inputs
- 2.5 mm headset jack
- Handset cord jack.



Side Panel Connections

USB Port

USB port for charging USB devices or connecting a USB device for firmware upgrades.

3.5 mm Stereo Audio Input

3.5mm input for portable music devices to play music through the built-in speakers.

RCA Stereo Audio Inputs

RCA audio inputs for connecting portable music devices via RCA cables.

2.5 mm Audio Jack

2.5 mm jack to connect ADA devices such as a TTY keyboard or headset. (Inactive for Cordless models.)

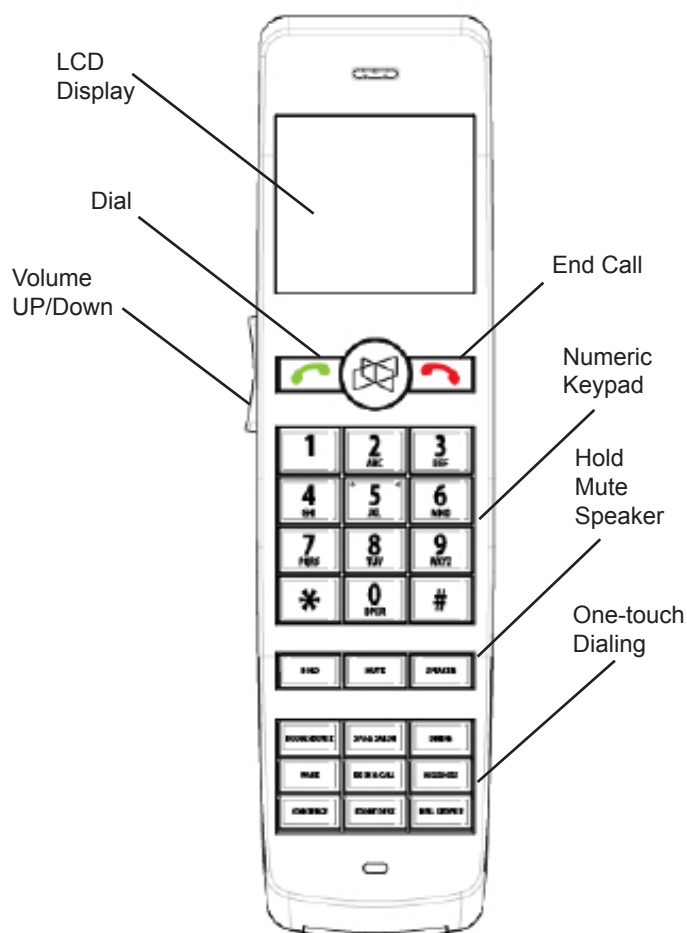
Handset Cord Jack

Handset cord jack to connect cord from wired handset to the base unit. (Inactive for Cordless models.)

Cordless Handset Features

The cordless handset (see diagram) includes:

- Full-color LCD Display
- Volume UP/DOWN button
- Numeric keypad and six one-touch dial buttons
- LED Message and ringer indicator
- Speakerphone
- 3.7V Rechargeable Battery



User Interface Features

The Life|point InTouch phone's touch-screen interface provides instant access to a variety of convenient features and information, including:

- Time, day, date, current weather, and multi-day forecasts
- Main Screen menus for messages, timers, music, lighting, and climate
- One-touch hotel directory for instant access to hotel services
- Dual presettable alarms and programmable sleep timer
- Programmable wake to sounds, lights, TV, music, and climate
- Access to recent outgoing and incoming calls
- Voice message retrieve/respond
- Room lighting and climate control
- Multichannel radio music control
- Ability to listen to music via portable music devices

Care and Maintenance

Taking simple precautions and observing guidelines for care and maintenance will help ensure that the Life|point InTouch phone will remain in good operating condition.

Protection from Impact

The LCD display screen on the unit is susceptible to damage from impact from a foreign object. Place the InTouch in an area where the possibility of direct impacts from objects is minimized.

The wireless handset is susceptible to damage if dropped. When not in use, return it to the cradle on the base or to the standalone charger.

Cleaning

The surfaces of the cordless handset, the touch-screen display, and the front panel will need to be cleaned periodically to remove fingerprints, oils, and dirt. Use a slightly damp, lint-free cloth for cleaning and use a dry cloth to wipe the glass and plastic surfaces until dry.

Technical Specifications

The following are the Life|point InTouch phone specifications (specifications subject to change):

Communications

- VoIP — Session Initiation Protocol (SIP) compliant

Display

- 7-inch diagonal full-color, touch-sensitive LCD featuring wide viewing-angle technology and Projected Capacitive Touch (PCT) overlay

Cordless Handset

- Cordless handset with full-color LCD, numeric keypad, six one-touch dialing buttons, 3.7V Battery

Dimensions

- Base unit with display – 9.89 inches (W) x 8.97 inches (H) x 6.58 inches (D)

Weight

- 8 lbs

Connections

- Rear panel - Power Supply — Maximum 48V DC @ .3 Amps
- Rear Panel - POE-equipped LAN — 10/100 Base-T (RJ45 Jack)
- Rear Panel - Optional PC Jack — 10/100 Base-T (RJ45 Jack for connecting an External PC)
- Side Panel - USB 2.0/1.1 — For USB device charging
- Side Panel - 3.5 mm stereo audio input —For connecting portable music devices
- Side Panel - 2.5 mm audio jack — For connecting headset and TTY Keyboard (ADA)
- Side Panel - RCA audio inputs (2) — For connecting portable music devices
- Side Panel - Handset cord jack — Accepts coiled cord for corded handset (not used)

Power Amplifier

- Output Power: 1 watt per channel RMS

Power Requirements

- 48V DC using POE via RJ45 input or 48V DC external power supply. A 48V DC external power supply (purchased separately) is required for units used in non-POE networks.

Power Consumption

- Idle: 6.5 Watts Maximum: 13.5 Watts

Wiring Requirements

- CAT5e recommended cable for LAN connections

Important Safety Information

This section covers important safety information you should know before installing and using the Life|point InTouch phone. Read the following sections to learn more:

- [Safety Instructions](#)
- [Regulatory Information](#)
- [Warnings](#)

Safety Instructions

The Life|point InTouch phone is designed and tested to meet the latest standards for safety. However, to ensure safe use it is important to follow the safety instructions marked on the product as well as those contained in this manual to help guard against personal injury and/or damage to the unit:

- **Read and keep these instructions.** Heed all warnings and follow all instructions.
- **Do not use this unit near water or a heat source such as a radiator or heat duct.** The unit should not be operated in high-temperature or high-humidity environments.
- **Refer all servicing to qualified service personnel.** Servicing is required when the unit has been damaged in any way, the power-supply cord or plug is damaged, liquid has been spilled into or objects have fallen into the unit, or the unit has been exposed to rain or moisture, does not operate normally, or has been dropped. ***If any of these conditions occur, unplug the unit from the power source and refer servicing to qualified personnel.***
- **Never pull on the power cord.** Disconnect the unit from DC power by removing the power plug from the rear panel power jack. Install the unit near an outlet that you can easily reach.
- **This equipment is designed for 48V DC operation only.** This unit should be operated only from the type of power source indicated in the Technical Specifications section of this guide. Connection to any other power source will void the warranty. The external power supply is equipped with a three-prong grounded power cord to ensure that the power supply is properly grounded when in use. Do not remove the ground lug on the power supply or the warranty will be voided.
- **The LCD screen on the unit is very susceptible to damage from impact from a foreign object.** Locate the unit in an area where the likelihood of direct impacts from objects is minimized. Take precautions to reduce the risk of objects hitting the LCD screen or front panel.
- **The cordless handset is susceptible to damage if dropped.** When not in use, return the handset to the cradle on the base unit or to the standalone charger.

Regulatory Information

Federal Communications Commission (FCC) Notice (U.S. Only)

NOTICE: 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 commercial and 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 causes 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/data technician for help.

This device complies with Part 15 of the FCC rules and with RSS-210 of Industry Canada. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

NOTICE: Changes or modifications made to this equipment not expressly approved by Exceptional Innovation may void the FCC authorization to operate this equipment.

NOTICE: THIS INFORMATION TECHNOLOGY EQUIPMENT CONFORMS TO UL STD 60950-1 AND IS CERTIFIED TO CSA STD C22.2 NO. 60950-1.


Radiofrequency Radiation Exposure Information:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.

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

For body-worn operation, this phone has been tested and meets the FCC RF exposure guidelines when used with the Exceptional Innovation accessories supplied or designated for this product. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

Warnings

	<p>The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.</p>
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