

# ▶ Polycom® SpectraLink 8002 Wireless Telephone

Wi-Fi Telephony for Small Business



Polycom's SpectraLink Wireless Telephones operate on converged voice and data Wi-Fi infrastructure to reduce costs and simplify management while significantly improving employee mobility, responsiveness and productivity.

## **Cost-Effective Business Wireless**

The SpectraLink 8002 Wireless Telephone is a cost-effective, enterprise-grade mobile telephony solution for small businesses. Using the Wi-Fi Alliance's WMM QoS standard, the SpectraLink 8002 Wireless Telephone interoperates with most consumer-grade and SMB access point infrastructure devices, alleviating the need to install and maintain additional hardware while still providing enterprise-level security and quality voice. In keeping with the needs of the market segment, the SpectraLink 8002 is packaged in complete, ready-to-install bundles that include a single or dual charger, battery pack and a power supply.

This lightweight handset offers a rich set of features, including a backlit keypad and high-resolution display, menu driven functions and messaging capabilities. With its reinforced yet ergonomic design, the SpectraLink 8002 Wireless Telephone is a lightweight handset that also provides shock resistance at an affordable price. Polycom's advanced manufacturing and test processes also deliver leading-class durability ensuring that the SpectraLink 8002 Wireless Telephone withstands the rigors of daily operation, thereby protecting your investment.

Administrators and users will appreciate the SpectraLink 8002 Wireless Telephone's ease-of-use and minimal training requirements, as well as the complete line of carrying options and accessories available to suit users in every work environment.

## **About Polycom**

Polycom, Inc. (NASDAQ: PLCM) is the global leader in telepresence, video, and voice solutions and a visionary in communications that empower people to connect and collaborate everywhere.

Companies choose Polycom solutions because they allow geographically dispersed workforces to communicate more effectively and productively over distances. Using Polycom voice, video, and telepresence products and services, people connect and collaborate with one another from their desktops, meeting rooms, class rooms, and mobile settings rather than travelling to one place to solve problems.

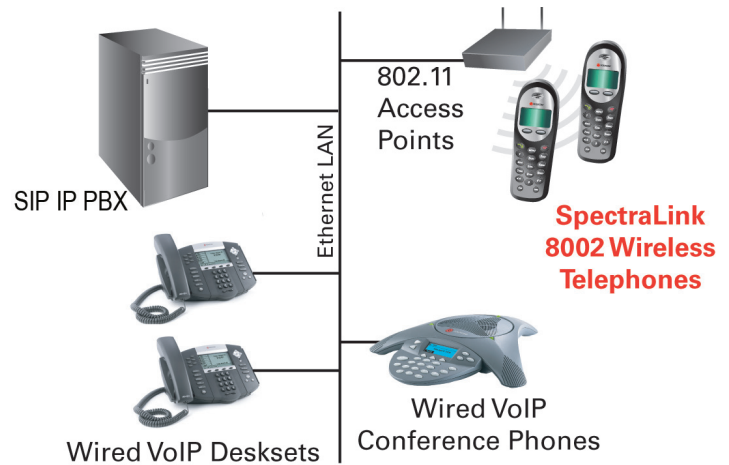
Find out how your workers can quickly collaborate "face-to-face" wherever they are. Visit [www.polycom.com](http://www.polycom.com).

- ▶ Cost-effective mobility solution for small business
- ▶ Dramatically improve responsiveness and productivity of mobile workers
- ▶ Enterprise-grade durability for investment protection
- ▶ Leverage investment in SIP-based PBXs and features throughout the workplace
- ▶ Minimize training and administration time through intuitive handset operation
- ▶ Leverage wireless LAN infrastructure for voice and data applications

# Polycom® SpectraLink 8002 Wireless Telephone

## Features

- 802.11b (Wi-Fi) standard-compatible
- WMM QoS standards-compatible, optimized for single-AP deployments
- Text messaging support via Open Application Interface
- Audible and vibrating ringers
- Integrated TFTP client
- DHCP or static IP addressing
- Talk time up to three hours, up to 50 hours standby
- Backlit keypad
- High impact strength ABS plastics
- Headset connection
- Volume side keys
- Bundled with single or Dual Charger, Battery Pack and power supply
- Range of accessories available (e.g. headsets, carrying cases, lanyards)



## Specifications

### Radio frequencies

- 2.4 - 2.4835 GHz

### Transmission Type

- Direct sequence spread spectrum

### Transmit data rates

- 11, 5.5, 2, 1 Mb/s, auto rate selection

### Transmit power

- 100 mW max (adjustable), < 10 mW average

### Number of voice calls per AP

- 6 without data present
- 3 in presence of data

### Wireless QoS

- WMM (802.11e EDCA)

### Codecs

- G.711 (A- and  $\mu$ -law)

### FCC certification part

- 15.247

### Wireless Security

- Standard WEP 40 bit and 128 bit
- 802.11i (WPA/WPA2) with Pre-Shared Key (PSK)

### Management

- DHCP, TFTP

### Display

- Backlit dot matrix display with icons and line-status indicators

### Dimensions

- 5.5" x 2.0" x 0.9"

### Weight

- 4.2 ounces

### Headset jack

- 2.5 mm

### Durability

- MIL-STD-810F Method 516.5 Procedure IV for shock resistance
- Reinforced Design

### Operating temperature

- 0 - 50° C

### Battery capacity

- Up to three hours talk time, up to 50 hours standby

### Software/Application Integration

- Interoperates with OAI version 2.0

## Polycom Worldwide Headquarters

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