Spectralink 80-Series Wireless Telephones

Voice over WLAN for the Enterprise

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solving every day

Spectralink 8020　　　**Spectralink 8030**

BENEFITS

- Dramatically improve responsiveness and productivity of mobile workers

- Maximize employee availability using simple, reliable and durable devices

- Leverage wireless LAN infrastructure for voice and data applications

- Deliver high-quality and secure voice communications across all enterprise environments

- Leverage investment in circuit-switched and IP PBX features throughout the workplace

- Increase business efficiency by integrating with application systems and business processes

Designed for the Workplace

Spectralink 80-Series 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. These ergonomic handsets combine an easy-to-use, lightweight design with enhanced durability for workers constantly on the move. With 802.11a/b/g (Wi-Fi) network support, extended battery life and programmable softkeys, the Spectralink 80-Series wireless telephones provide high-quality voice and reliable communications for mobile employees.

Whether deployed as a personal handset or a shared device across multiple shifts, the Spectralink 80-Series wireless telephones are a great choice for enterprise-grade wireless telephony. Spectralink combines purpose-built design with advanced manufacturing and testing processes to help ensure handset durability meets stringent industry standards for resistance to dust, shock, and liquid damage. For shared-use environments, the multiple charging and battery options make the Spectralink 80-Series handsets ideal for 24-hour operation.

Spectralink 8020 Wireless Telephone

The Spectralink 8020 wireless telephone is designed for users across a wide range of industries. With a lightweight yet rugged design and extensive feature support, the Spectralink 8020 wireless telephone meets the needs of general office and management staff while also providing a reliable option for front-line personnel in high-use environments.

Spectralink 8030 Wireless Telephone

The Spectralink 8030 wireless telephone extends the capabilities of the Spectralink 8020 by adding Spectralink's unique push-to-talk (PTT) feature. The native PTT capability allows instantaneous communication between wireless telephones with no additional hardware, making the Spectralink 8030 uniquely suited for distributed work teams that require frequent communication.

FEATURES

- 802.11a/b/g (Wi-Fi) compatible
- Seamless integration with IP, digital and analog PBX systems
- Standards-based and proprietary VoIP protocol support
- Proprietary and standards based QoS
- Standard, enterprise-grade security options
- Text messaging support via Open Application Interface (OAI)
- Simple management and configuration via handset or administration software tool
- Lightweight, ergonomic design
- Resistant to dust, shock and liquid damage
- Five user-selectable profiles

- Integrated speakerphone
- Personal directory, redial and speed-dial lists
- Icon-based status indicators
- Audible and vibrating ringers
- Soft key feature access
- Standard and extended-life battery options
- Single, dual and quad charging options
- Push-to-talk (PTT) mode with 25 channels including one priority override channel (8030 only)
- Enlarged ear cup (8030 only)
- Rubberized grips (8030 only)

SPECIFICATIONS

RADIO FREQUENCIES
- 2.4 - 2.4835 GHz (802.11b, 802.11g)
- 5.15 - 5.825 GHz (802.11a varies by country)

TRANSMIT DATA RATES
- Up to 54 Mbps (802.11a/g), up to 11 Mbps (802.11b)

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

WIRELESS QOS
- Spectralink Voice Priority (SVP)
- Wi-Fi standard QoS; including WMM, WMM Power Save, and WMM Admission Control
- Cisco Compatible Extensions (CCX) v4

CODECS
- G.711 (A- and μ-law), G.729a/ab

WIRELESS SECURITY
- WEP (40 and 128-bit)
- WPA/WPA2 Personal
- WPA2 Enterprise with fast access point (AP) handoff
  – 802.1X Authentication: PEAP, EAP-FAST
  – Fast AP handoff: Cisco Centralized Key Management (CCKM)
  – Opportunistic Key Caching (OKC)
- Cisco Fast Secure Roaming (FSR)

MANAGEMENT
- DHCP, TFTP

DISPLAY
128 x 96 graphics-capable backlit display with icons and line-status indicators

DIMENSIONS
- Spectralink 8020 wireless telephone: 5.4 x 2.0 x 0.9 in. (13.7 x 5 x 2.3 cm)
- Spectralink 8030 wireless telephone: 5.7 x 2.2 x 0.9 in. (12.5 x 5.6 x 2.3 cm)

WEIGHT
- 3.9 - 4.8 oz (110 - 136 gr.) depending on handset and battery pack

BATTERY CAPACITY
- Standard – 4 hours talk time, 80 hours standby
- Extended – 6 hours talk time, 120 hours standby
- Ultra-Extended – 8 hours talk time, 160 hours standby

HEADSET JACK
- 2.5 mm
- Hearing Aid compatible

DURABILITY
- IP 53 certified for resistance to dust and liquid resistance
- MIL 810F Proc IV 516.5 for shock resistance

OPERATING TEMPERATURE
- 32 - 122º F (0 - 50º C)

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Learn More

Learn what Spectralink wireless telephones can do for your organization.
Visit us at spectralink.com or contact your Spectralink representative.