

Polycom[®] SpectraLink[®] 6000 Wireless Telephone System

Bringing Mobility to Workplace Communications



The SpectraLink 6000 System is the preferred choice of more enterprises in the U.S. than any other wireless system available.

The SpectraLink 6000 Wireless Telephone System is an advanced workplace wireless telephone system which provides optimal voice quality throughout any size and type of facility. Integration with enterprise telephone switching systems and applications allows users to enjoy the same features on their wireless handset that they enjoy with their desk telephone.

The SpectraLink 6000 Wireless Telephone requires minimal training, maintenance and administration. The handsets are simple to use and durable enough to withstand the rigors of the workplace.

The integration capabilities, superior radio performance and scalability of the SpectraLink 6000 Wireless Telephones make it a feature-rich, yet cost-effective system.

Durable, Innovative Wireless Telephones

SpectraLink Wireless Telephones are built to withstand the demands of the workplace environment. Polycom combines innovative design with advanced manufacturing and test processes to assure handset durability. The monolithic design has no moving parts or external antennas, so there is nothing to break or come loose.

Master Control Unit

Polycom's exclusive LinkPlus™ digital interface technology emulates proprietary digital telephone sets, making advanced switch features such as multiple-line appearances and display features available to Wireless Telephone users. The Master Control Unit (MCU) is a modular unit that connects the host telephone switch to SpectraLink 6000 Wireless Telephones using digital or analog line interfaces. For campus environments, SpectraLink 6000 Wireless Telephones can be networked using standard T1 circuits allowing users to roam throughout multiple buildings.

Base Stations

Base Stations are fixed transceivers that provide radio coverage throughout the workplace. They are small, lightweight and can be installed inconspicuously in a variety of locations. Polycom's superior radio performance eliminates "dead spots" - areas with poor coverage - by providing generous overlap between Base Station coverage areas. The SpectraLink 6000 Wireless Telephone System is the only wireless system that supports high-density environments with Base Stations that can be placed within a concentrated area.

Benefits

- Durable, lightweight wireless Telephones specifically designed for the workplace
- Seamless integration with the best-selling digital telephone systems
- Unlicensed operation, eliminating airtime, usage and recurring charges
- Advanced digital radio technology providing consistent, high-quality communications
- Text messaging interface, allowing users to receive and retrieve information





Polycom® SpectraLink 6000 Wireless Telephone System

Spectralink 6020 Wireless Telephone

Dimensions: 5.4" L x 2.1" W x .9" D (13.7 cm L x 5.4 cm W x 2.3 cm D)

Weight: 3.9 - 4.8 ounces (depending on Battery Pack)

Battery: Lithium ion Battery Packs

Battery capacity: Standard Battery: 4 hrs. talk time / 80 hrs standby

Extended Battery: 6 hrs talk time / 120 hrs standby Ultra-Extended Battery: 8 hrs talk time / 160 hrs standby

Display: 128x96 pixel, backlit display

Durability: IP 53 rated for splashing water and dust resistance

MIL 810F Proc IV 516.5 for shock resistance

Headset jack: 2.5mm

Text messaging: Two-way alphanumeric messaging available through

Polycom's Open Application Interface (OAI)

Radio frequency: 902 - 928 MHz FCC certification: Part 15.247

Transmit power: 100 mW peak, 12.5 mW average
Transmission type: Frequency hopping spread spectrum

Operating temperature: 0°-50°

Additional features: Lightweight, ergonomic design

Icon-based status indicators Office-quality speakerphone Audible and vibrating ringers Five user selectable profiles

Single, dual and quad charging options

Base Station

Radio frequency: 902 - 928 MHz FCC certification: Part 15.247

Transmit power: 100 mW peak, 50 mW average
Transmission type: Frequency hopping spread spectrum

Dimensions: 8.8" L x 5.4" W x 1.5" H

(22cm L x 14cm W x 3.8cm H)

Weight: 1.5 lbs. (0.68Kg)

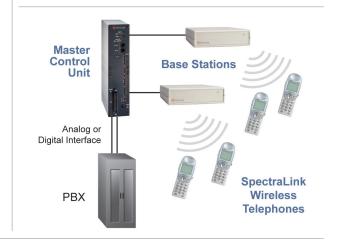
Mounting: Ceiling or wall mount

Channelization: Four TDMA channels

Cable connection: RJ-45 8-pin modular

Operating temperature: 32° to 104° F (0° to 40° C) (Standard)

-4° to 122° F (-20° to 50° C) (Outdoor)



Master Control Unit

SpectraLink 6100 MCU

System capacity: 64 Wireless Telephones

16 Base Stations32 simultaneous calls

Area coverage: Up to 1,500,000 sq. feet, (139,000 million sq. meters)

depending on environment

PBX interface: RJ-21 25-pair connector

Power: 120 VAC

Base Station interface: High-speed digital

Cable type: 22/24 AWG, 2-pair minimum
Cable length: 2,200 feet, maximum (670 meters)

Dimensions: 7.0" D x 3.0" W x 13.0" H

(18 cm D x 7.6 cm W x 33 cm H)

(single MCU)

Weight: 5 lbs., maximum (2.3kg)

Administration: Front panel

Special configurations: n/a

Operating Temperature: 32° to 104° F (0° to 40° C)

SpectraLink 6300 MCU

3,200 Wireless Telephones

1,000 Base Stations

1,600 simultaneous calls

Up to 100 million sq. feet, (9.3 million sq. meters)

depending on environment

RJ-21 25-pair connector

-48 VDC

High-speed digital 22/24 AWG, 2-pair

6,000 feet, maximum (1829 meters)

9.0" D x 19.0" W x 15.0" H (23 cm D x 48 cm W x 38 cm H)

(single shelf)

33 lbs., maximum (15kg) (single shelf)

IBM-compatible PC
High-density environments

Multi-site networking 32° to 104° F (0° to 40° C)

Find Out More

Learn what SpectraLink Wireless Telephones can do for your organization. Visit us at polycom.com or contact your Polycom representative.

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