

▶ 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°C
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	SpectraLink 6300 MCU
System capacity:	64 Wireless Telephones 16 Base Stations 32 simultaneous calls	3,200 Wireless Telephones 1,000 Base Stations 1,600 simultaneous calls
Area coverage:	Up to 1,500,000 sq. feet, (139,000 million sq. meters) depending on environment	Up to 100 million sq. feet, (9.3 million sq. meters) depending on environment
PBX interface:	RJ-21 25-pair connector	RJ-21 25-pair connector
Power:	120 VAC	-48 VDC
Base Station interface:	High-speed digital	High-speed digital
Cable type:	22/24 AWG, 2-pair minimum	22/24 AWG, 2-pair
Cable length:	2,200 feet, maximum (670 meters)	6,000 feet, maximum (1829 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)	9.0" D x 19.0" W x 15.0" H (23 cm D x 48 cm W x 38 cm H) (single shelf)
Weight:	5 lbs., maximum (2.3kg)	33 lbs., maximum (15kg) (single shelf)
Administration:	Front panel	IBM-compatible PC
Special configurations:	n/a	High-density environments Multi-site networking
Operating Temperature:	32° to 104° F (0° to 40° C)	32° to 104° F (0° to 40° C)

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