

Link Wireless Telephone System

Bringing Mobility to Workplace Communications

Benefits

- Integrates seamlessly with the best-selling digital telephone systems
- Unified, scalable architecture grows with your business
- Advanced digital radio technology provides consistent, high-quality communications
- Lightweight, durable Wireless Telephones specifically designed for the workplace
- Unlicensed operation eliminates airtime, usage, and recurring charges
- Text messaging interface permits users to receive and retrieve information

The Link Wireless Telephone System

The Link Wireless Telephone System™ (Link WTS) is the most advanced workplace wireless telephone system available. It is SpectraLink's fourth generation system and the result of our ongoing commitment to meeting the unique requirements of mobile communications in the workplace.

The Link WTS combines digital radio technology and the highest level of integration with enterprise telephone switching and networking systems to provide the best voice quality consistently throughout any size and type of facility.

The Link WTS requires minimal training, maintenance, and administration. The six-ounce Wireless Telephones are extremely simple to use and durable enough to withstand the rigors of workplace usage.

The integration capabilities, superior radio performance, and scalable architecture of the Link WTS make it the most feature-rich, yet cost-effective, system available.

Wireless Telephones

The Link Wireless Telephone is the industry's most durable and feature-rich handset for workplace applications. Only SpectraLink combines innovative design with advanced manufacturing and test processes to assure handset durability. The monolithic design has no moving parts or external antenna so there is nothing to break or come loose, and it can be operated with only one hand. Link Wireless Telephones seamlessly integrate with the host telephone system to provide advanced calling features throughout the workplace.

Master Control Unit

The Master Control Unit (MCU) is a modular unit that connects the host telephone switch to the Wireless Telephone System using digital or analog line interfaces. SpectraLink'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. For campus facilities the Link WTS can be networked using standard T1 circuits to allow users to roam throughout multiple buildings.

Base Stations

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

SpectraLink - Putting Wireless to Work

SpectraLink has helped thousands of commercial enterprises improve productivity, responsiveness and customer service. SpectraLink's telephony integration capabilities, scalable architecture, excellent voice quality, and durable handsets make Link Wireless Telephone Systems the right choice for enterprise wireless communication.

Link Wireless Telephone System™

Wireless Telephone

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
 Display: 2 x 16 character alphanumeric, plus line and status indicators
 Dimensions: 5.9" L x 2.2" W x 1.0" D (15 cm L x 5.5 cm W x 2.5 cm D)
 Weight: 6.0 ounces (170 grams)
 Battery Capacity: 4 hrs. talk, 80 hrs. standby

Base Station

Radio Frequency: 902 - 928 MHz
 FCC Certification: Part 15.247
 Transmit Power: 100 mW peak, 50 mW average
 Channelization: four TDMA channels
 Transmission Type: frequency hopping spread spectrum
 Cable Connection: RJ-45 8-pin modular
 Dimensions: 8.8" L x 5.4" W x 1.5" H (22cm L x 14cm W x 3.8cm H)
 Mounting: ceiling or wall mount
 Weight: 1.5 lbs. (0.68Kg)
 Operating Temperature:
 Standard: 32° to 104° F (0° to 40° C)
 Outdoor: -4° to 122° F (-20° to 50° C)

Master Control Unit

Link 3000
 System Capacity: 3,200 Wireless Telephones
 1,000 Base Stations
 1,600 simultaneous calls
 Area Coverage: up to 100 million sq. feet, (9.3 million sq. meters) depending on environment
 PBX Interface: RJ-21 25-pair connector
 Power: -48 VDC
 Base Station Interface: high-speed digital
 Cable Type: 22/24 AWG, 2-pair
 Cable Length: 6,000 feet, maximum (1829 meters)
 Dimensions: 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: 33 lbs., maximum (15kg) (single shelf)
 Administration: IBM-compatible PC
 Special Configurations: High-density environments
 Multi-site networking

Link 150

64 Wireless Telephones
 16 Base Stations
 32 simultaneous calls
 up to 1,500,000 sq. feet, (139,000 million sq. meters) depending on environment
 RJ-21 25-pair connector
 120 VAC
 high-speed digital
 22/24 AWG, 2-pair minimum
 2,200 feet, maximum (670 meters)
 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)
 5 lbs., maximum (2.3kg)
 front panel



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