



LINK WIRELESS TELEPHONE SYSTEM

BRINGING MOBILITY TO WORKPLACE COMMUNICATIONS

- Seamless integration with the best-selling digital telephone systems
- Unified, scalable architecture grows with your business
- Advanced digital radio technology providing consistent, high-quality communications
- Durable, lightweight Wireless Telephones specifically designed for the workplace
- Unlicensed operation, eliminating airtime, usage and recurring charges
- Text messaging interface, allowing 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 possible level of integration with enterprise telephone switching and networking systems to provide optimal 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 the workplace.

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 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 antennae, 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 Link WTS 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 allowing 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 helps 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 WTS the right choice for enterprise wireless communication.

LINK WIRELESS TELEPHONE SYSTEMS

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
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)
Display:	2 x 16 character alphanumeric, plus line and status indicators. Backlit display option available
Keypad:	Standard or Backlit Keypad Option
Ringing Modes:	5 user-selectable ringing, combining the standard, quiet and vibrating ringers.
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
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:	
Standard:	32° to 104° F (0° to 40° C)
Outdoor:	-4° to 122° F (-20° to 50° C)

MASTER CONTROL UNIT

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 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

System capacity:	64 Wireless Telephones 16 Base Stations 32 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



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