

## LINK WIRELESS TELEPHONE SYSTEM

### BRINGING MOBILITY TO WORKPLACE COMMUNICATIONS

- 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

### THE LINK WIRELESS TELEPHONE SYSTEM

The Link Wireless Telephone System™ (Link WTS) 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 Link WTS requires minimal training, maintenance and administration. Link Wireless Telephones are simple to use and durable enough to withstand the rigors of the workplace.

The integration capabilities, superior radio performance and scalability of the Link WTS make it a feature-rich, yet cost-effective system.

### DURABLE, INNOVATIVE WIRELESS TELEPHONES

Link Wireless Telephones are built to withstand the demands of the workplace environment. SpectraLink 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

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. 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. For campus environments, 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

### LINK 6020 WIRELESS TELEPHONE

<b>Dimensions:</b>	5.4" L x 2.1" W x .9" D (13.7 cm L x 5.4 cm W x 2.3 cm D)
<b>Weight:</b>	3.9 ounces with standard Battery Pack (110 grams)
<b>Battery:</b>	Lithium ion Battery Packs
<b>Battery capacity:</b>	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
<b>Display:</b>	128x96 pixel, backlit display
<b>Design:</b>	IP 53 rated for splashing water and dust resistance Large earpiece for comfort and improved sound quality in loud environments
<b>Keypad:</b>	Backlit keypad Four softkeys for access to frequently used features Navigation cluster to access menu and configuration options Two volume keys with eight user-programmable volume settings Line and function keys for access to multiple-line appearances and additional features
<b>Ringing Modes:</b>	10 user-selectable ringing modes
<b>Vibrate Option:</b>	Vibrator for call and message notification in noisy environments
<b>Speakerphone:</b>	Speakerphone for hands-free operation
<b>Headset Jack:</b>	Covered headset jack for improved durability
<b>Text messaging:</b>	Two-way alphanumeric messaging available through SpectraLink's Open Application Interface (OAI)
<b>Radio frequency:</b>	902 - 928 MHz
<b>FCC certification:</b>	Part 15.247
<b>Transmit power:</b>	100 mW peak, 50 mW average
<b>Transmission type:</b>	Frequency hopping spread spectrum

### BASE STATION

<b>Radio frequency:</b>	902 - 928 MHz
<b>FCC certification:</b>	Part 15.247
<b>Transmit power:</b>	100 mW peak, 50 mW average
<b>Transmission type:</b>	Frequency hopping spread spectrum
<b>Dimensions:</b>	8.8" L x 5.4" W x 1.5" H (22cm L x 14cm W x 3.8cm H)
<b>Weight:</b>	1.5 lbs. (0.68Kg)
<b>Mounting:</b>	Ceiling or wall mount
<b>Channelization:</b>	Four TDMA channels
<b>Cable connection:</b>	RJ-45 8-pin modular
<b>Operating temperature:</b>	32° to 104° F (0° to 40° C) (Standard) -4° to 122° F (-20° to 50° C) (Outdoor)



### MASTER CONTROL UNIT

<b>System capacity:</b>	64 Wireless Telephones 16 Base Stations 32 simultaneous calls
<b>Area coverage:</b>	Up to 1,500,000 sq. feet, (139,000 million sq. meters) depending on environment
<b>PBX interface:</b>	RJ-21 25-pair connector
<b>Power:</b>	120 VAC
<b>Base Station interface:</b>	High-speed digital
<b>Cable type:</b>	22/24 AWG, 2-pair minimum
<b>Cable length:</b>	2,200 feet, maximum (670 meters)
<b>Dimensions:</b>	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)
<b>Weight:</b>	5 lbs., maximum (2.3kg)
<b>Administration:</b>	Front panel
<b>Special configurations:</b>	n/a

### LINK 150

### LINK 3000

<b>System capacity:</b>	3,200 Wireless Telephones 1,000 Base Stations 1,600 simultaneous calls
<b>Area coverage:</b>	Up to 100 million sq. feet, (9.3 million sq. meters) depending on environment
<b>PBX interface:</b>	RJ-21 25-pair connector
<b>Power:</b>	-48 VDC
<b>Base Station interface:</b>	High-speed digital
<b>Cable type:</b>	22/24 AWG, 2-pair
<b>Cable length:</b>	6,000 feet, maximum (1829 meters)
<b>Dimensions:</b>	9.0" D x 19.0" W x 15.0" H (23 cm D x 48 cm W x 38 cm H) (single shelf)
<b>Weight:</b>	33 lbs., maximum (15kg) (single shelf)
<b>Administration:</b>	IBM-compatible PC
<b>Special configurations:</b>	High-density environments Multi-site networking

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