

WIN® W1500

Wireless Communications System

The WIN® W1500 Wireless Communications Server, in its simplest form, supports 8 base stations and 8 handsets, but can be expanded to support 16 base stations and 64 handsets. By using a link card, two control units can be linked together to support up to 32 base stations and 128 handsets.

Quality

The speech quality obtained via 2.4 Ghz Digital Spread Spectrum technologies is unsurpassed. Digital radio technologies ensure that quality is comparable to that of fixed line technology. When a handover occurs from base station to base station, or repeater to repeater, the user will normally not notice any drop in the quality of the connection or dead spaces.

Range, Range, Range

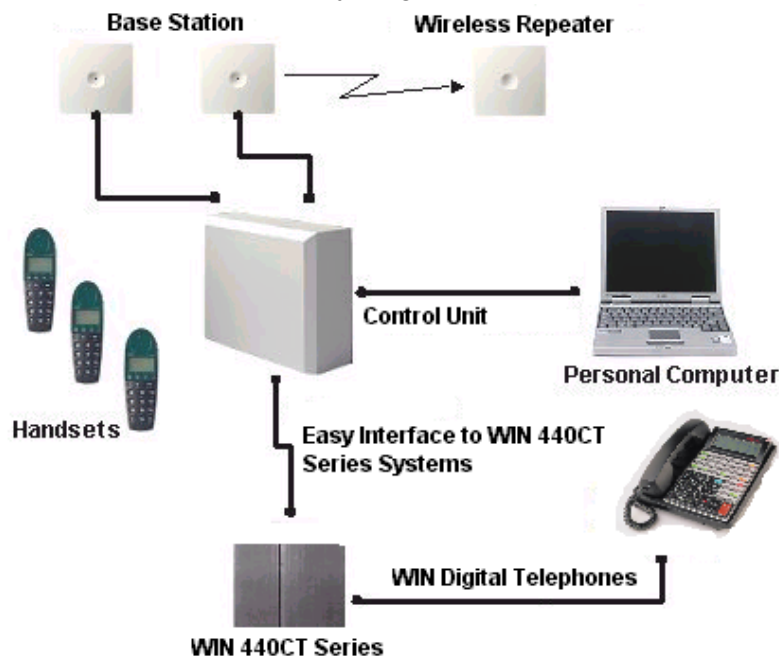
By using wireless repeaters, the nominal base station range of 160 to 500 feet can be extended by up to 1000 feet. Up to six repeaters can be connected to each base station to expand the range. This is how the W1500 surpasses cordless telephone coverage and performance.

Talk Time and Battery Life

The W1500 Handset will supply ten hours of talk time and ninety hours of standby time, there are few situations where the handset will not meet your daily use demands. Even if the batteries are completely discharged, the charge time is only three hours. The Nickel Metal Hydride batteries have a recharge cycle of 300 to 500 charges and are environmentally friendly as they are biodegradable.

Wireless Repeater

This device enlarges the coverage area of the WIN® W1500 base station. The repeater has two internal antennas used for increasing the range. It also has the capability for an external antenna, which can increase the range of the system in a certain direction by up to 3000 feet. They do not increase the number of channels available. A repeater can handle 2 simultaneous off hook conversations. They can be used to create a new coverage cell in a remote location such as a rear shed or building. The repeater requires no wire connections to the main control server, as it simply plugs into a local 110 Vac power source.



Handset Features

Wireless Communications Server used in conjunction with the WIN[®] 48, 96, 128 and 440CT Telephone Systems.



Actual Size

- Direct Line Access for Incoming and Outgoing Calls
- Call Forwarding
- 8 party Conferencing
- Last Number Redial
- System Speed Dial
- Station Speed Dial
- Trunk to Trunk Transfer
- Directed Call Park
- Text Messaging
- Do Not Disturb
- Caller-ID (future release)
- Handset-to-Handset Communications
- ACD Agent Functions including:
 - Busy/Unavailable
 - Log-in/Log-off
 - Wrap-up
- Service Observation
- Transfer via Page
- Overhead Paging
- Account Codes
- Exclusive Hold
- Voice Mail

Repeater

Frequency.....2.4 Ghz
 Transmit range indoors.....160-500ft
 Transmit range outdoors.....900-1800ft
 ProtocolGAP
 Power requirements9V DC
 Dimensions.....4 x 4 x 1.5 inches
 Weight..... 6 oz

Handset

Frequency.....2.4 Ghz
 ProtocolGAP
 Caller ID (between handsets)..... Yes
 Talk time*10 hours
 Standby time*90 hours
 Display3 Lines x 12 Char Backlit
 Telephone book capacity.....80
 Message length70 characters
 Alert types.....Vibrate / 9 Ring tones / Silent
 Dimensions..... 5.5 x 2 x 1 inches
 Weight (including battery).....4.25 oz

Control Unit

Power Requirement..... 110 VAC
 Expansion.....2 x CCFP units per WIN 440CT
 Base station capacity.....32 (16 per CCFP)
 Repeater capacity.....192 (112 per CCFP)
 Handset capacity.....128 (64 per CCFP)
 No. of expansion slots.....Up to 8 per CCFP
 Configuration setup.....Via PC or via modem
 Dimensions.....15.7 x 12.6 x 5.9 inches
 Weight..... 18lb 4oz

W1500 Wireless Mobility Server

Frequency.....2.4 Ghz
 Output power.....250 mW

Base Station

Frequency.....2.4 Ghz
 RF channels.....10
 Active speech channels.....4
 Aerials.....Antenna diversity
 Transmit range indoors.....160-500ft
 Transmit range outdoors.....900-1800ft
 ProtocolGAP
 Power requirements ...Powered By System
 Dimensions..... 4 x 4 x 1.5 inches
 Weight..... 6 oz

* Battery talk and standby times are estimates only and depend on signal strength, battery age and condition (including the effect of charging habits), temperatures to which the battery is exposed and many other factors.

Specifications are subject to change without notice. Some features are optional, require additional equipment or are available at a future date.

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