

# **WIN® W500**

## **Wireless Communications System**

The WIN® W500 Wireless Communications System is a cost effective wireless solution for companies of all sizes. The WIN W500 supports 1 System Base Station, and up to 8 wireless handsets. The System Base Station can support up to 8 simultaneous voice calls.

### **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 system base station to repeater, the user will normally not notice any drop in the quality of the connection or dead spaces.

### **Range, Range, Range**

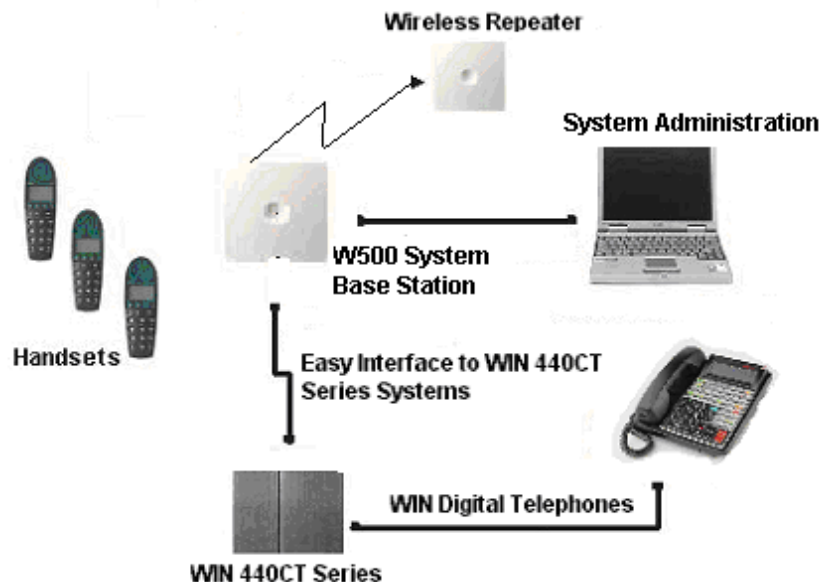
By using wireless repeaters, the nominal system base station range of 160 to 500 feet can be extended by up to 1000 feet. Up to six repeaters can be connected to the system base station to expand the range. This is how the WIN® W500 surpasses cordless telephone coverage and performance.

### **Talk Time and Battery Life**

The WIN® W500 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® W500 system 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 system base station, as it simply plugs into a local 110 Vac power source.





Actual Size

## Handset Features

W500 Wireless Communications System used in conjunction with the WIN® 48, 96, 128 and 440CT Telephone System, incorporates the following standard features:

- 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)
- Alphanumeric Backlit Display
- Telephone Book
- Vibrator Function
- Headset Connection
- 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
- Key Lock
- 9 Ring Tones

## Repeater

Frequency.....2.4 Ghz  
 Transmit range indoors.....160-500ft  
 Protocol .....GAP  
 Power requirements .....110 VAC  
 Dimensions.....4 x 4 x 1.5 inches  
 Weight.....6 oz

## WIN® W500 System Base Station

Power Requirement.....110 VAC  
 System Base station capacity.....1  
 Repeater capacity.....6  
 Handset capacity.....8  
 Frequency.....2.4 Ghz  
 RF channels.....10  
 Active speech channels.....8  
 Aerials.....Antenna diversity  
 Transmit range indoors.....160-500ft  
 Protocol .....GAP  
 Configuration setup.....Via PC or via modem  
 Dimensions.....6.5 x 6.5 x 1.5 inches  
 Weight.....13 oz

## Handset

Frequency.....2.4 Ghz  
 Protocol .....GAP  
 Caller ID (between handsets).....Yes  
 Talk time\* .....10 hours  
 Standby time\* .....90 hours  
 Display .....3 Lines x 12 Char Backlit  
 Telephone book capacity.....80  
 Message length .....70 characters  
 Alert types.....Vibrate / 9 Ring tones / Silent  
 Dimensions.....5.5 x 2 x 1 inches  
 Weight (including battery).....4.25 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.

[www.win-phone.com](http://www.win-phone.com)

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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