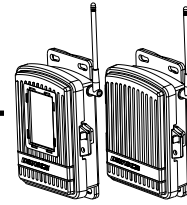


Wireless Repeater, AC and Solar Powered



7624
7625

COMMUNICATIONS

The Wireless Repeater receives data from any DavisTalk™-compatible transmitter and re-transmits it to any DavisTalk-compatible receiver. The repeater extends the transmission range and improves reception between the transmitter and the receiver.

Each repeater has a transmitting and receiving range of between 100' to 400' (30 to 122 m) depending upon the environment. The repeater can listen for up to eight different transmitter signals and can pass those signals on to another repeater or to any number of receivers.

AC-powered repeaters include an AC-power adapter. Solar-powered repeaters include a solar power panel, regulator, and battery.

Specifications

General

Operating Temperature	-40° to +150°F (-40° to +65°C)
Non-operating Temperature	-50° to +158°F (-45° to +70°C)
Current Draw	1.5 mA at 4-6 VDC
AC-Power Adapter (AC-powered only)	3 VDC, 200 mA (unregulated, typical output 5 VDC in this application)
Batteries (Solar powered only)	4 VDC, 2.5 AH lead-acid
Solar Panel (Solar-powered only)	0.5 Watts
Housing Material	UV-resistant ABS plastic
Dimensions	6.25" x 2.25" x 7.875" (158.75 mm x 57.15 mm x 200 mm)
Weight (AC-powered)	1.18 lbs. (.54 kg)
Weight (Solar-powered)	1.84 lbs. (.83 kg)

Wireless Communications

Transmit/Receive Frequency	US Models: 916.5 MHz, Overseas Models: 868.35 MHz
ID Codes Available	8
Output Power	916.5 MHz: FCC-certified low power, less than 1 mW, no license required 868.35 MHz: CE-certified, less than 10 mW, no license required

Range

Line of Sight	up to 400' (122 m)
Through Walls	100 to 200' (30 to 60 m)