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)