

## Wireless Repeater (V4.1)

### Features:

- Receives time data from any Sapling Master Clock, Sapling Repeater, or Sapling Wireless Clock via RF and retransmits the signal to the other Sapling Wireless Secondary Clocks and Wireless Repeaters
- RS485 input/output capability
- Operates on either the 900 MHz or 2.4 GHz frequency range, depending on the model
  - No FCC or special operating license required
- Utilizes frequency-hopping technology
- Powerful 1 Watt Transmitter
  - Transmits up to 1000 meters in open space
- Slim design makes the Wireless Repeater versatile for mounting
- FCC compliant, part 15, section 15,247
- Designed and Produced by Sapling Inc. in Pennsylvania, United States of America



specification sheets may change without prior notice

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### Specifications:

**Color:**

Black

**Housing:**

Smooth surface metal enclosure

**Weight:**

4 lbs. (1.81 kg)

**Antenna Length:**

7" (17.78 cm)

**Housing Dimensions (LxWxD):**

11" x 8" x 1.7" (27.94 cm x 20.32 cm x 4.32 cm) (with bottom cover)

**Input Voltage:**

85 VAC – 264 VAC, 50/60 Hz

**Input:**

Sapling Wireless Communication; RS485

**RF Signal Output:**

30 dBm (1 watt)

**Transmission Frequency:**

Either 900 MHz or 2.4 GHz frequency-hopping technology

**Temperature Range:**

Operating: 32°F - 113°F (0°C - 45°C)

Shelf: 5°F - 158°F (-15°C - 70°C)

**Compliance:**

FCC compliant, part 15, section 15,247

### Ordering Information:

Wireless Repeater: SMA-1SR-X000-1

Frequency:  
0: 915-928 MHz  
G: 2.4 GHz