

Wireless Repeater

The repeater shall be a Sapling Wireless Repeater. It shall receive and transmit wireless data using Sapling's proprietary wireless protocol. The repeater shall receive and transmit data on a frequency of either 915-928MHz, or 2.4GHz, depending on the hardware that was ordered. This will allow it to communicate with wireless SAL Analog and SBL Digital clocks operating on the same frequency range using frequency-hopping technology. The repeater shall have a maximum antenna size of seven (7) inches, an RF input sensitivity of -103dbm , a power output of 27 dbm , and shall be FCC approved. The voltage input for the repeater shall be 115V/60Hz or 230V/50Hz.