

### **Wireless TalkBack Repeater**

The repeater shall be a Sapling Wireless TalkBack Repeater. It shall receive and transmit wireless data using Sapling's proprietary wireless TalkBack 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 SAT Analog clocks, SBT Digital clocks, SMA 5000 Master clocks, and SMA 6000 Master 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.