

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(G*) Analog clocks, SBT(G**) 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.

* (G) is used for 2.4GHz models, in which case the model code is SATG. In 900MHz models, the model name is SAT.

** (G) is used for 2.4GHz models, in which case the model code is SBTG. In 900MHz models, the model name is SBT.