



WLL-TR-1p-II

Architectural Specifications

The WLL-TR-1p wireless system shall consist of one WLL-TX1 transmitter and one WLL-RX1p receiver.

Performance specifications of a typical WLL-TR-1p wireless system shall be as follows:
Operating range at full power will reach 150 ft (45.7 meters) indoors and 210 ft (64 meters) line of sight. At low power, operating range will be reduced to 50 ft (15.2 meters) indoors or 70 ft (21.3 meters) line of sight. Dynamic range shall be 90 dB with an audio frequency ranging from 20 Hz - 20 kHz. The system will transmit in uncompressed audio signal over a 2.4 GHz RF Band with three selectable RF channels to minimize interference. Antennae impedance shall be 50 ohms.

The WLL-TX1 transmitter unit housing material shall be constructed of powder coated metal. Power requirements for the unit will be a 5 v, 1.2 A power supply. Input options at the transmitter include USB, stereo mini or 1/4" balanced input connections. Overall dimensions shall be no more than 44.45 mm (1.75 in.) in height by 157.16 mm (6.1875 in.) in width by 165.1 mm (6.5 in.) in depth. The unit shall include two removable antennae.

The WLL-RX1p receiver unit housing material shall be constructed of powder coated metal. Power requirements for the unit will be a 32 v, 4.0 A power supply. Output options at the receiver include Push-On or 1/4" connections speaker level output. Latency 20 ms. Receiver amplifier power output shall be 50 w per channel at 8 ohms, 65 w per channel at 4 ohms, or 90 w in bridged mono at 4 ohms. Stereo line output included at receiver for connecting auxiliary audio components. Receiver shall include a stereo mini jack to select local audio, muting wireless signal when connected. Overall dimensions shall be no more than 44.45 mm (1.75 in.) in height by 157.16 mm (6.1875 in.) in width by 165.1 mm (6.5 in.) in depth. The unit shall include two removable antennae.

The system shall be the SoundTube WLL-TR-1p for both low- and high impedance applications.