

Exercise xTV-9T

Modular Transmitter Requirements

1. The transmitter incorporates an RF shield over the transmitter portion of the circuit. The digital, audio and power circuits are not shielded.
2. The audio inputs are buffered and processed before the modulation circuit.
3. The transmitter incorporates an internal voltage regulator for all circuitry.
4. The transmitter module incorporates an integral antenna. The antenna is mechanically secured to the printed circuit board with a screw and nut.
5. The module was tested in a stand alone configuration. External connections were 12 VDC, right and left audio inputs.
6. The xTV-9T transmitter has a label with the module's FCC ID number attached to the bottom of the enclosure.