

SUPERCIRCUITS

Thank you for purchasing the Supercircuits AVX-900-T4 Audio/Video Transmitter. Please note that this device broadcasts on a 900mhz frequency band that is FCC restricted for use by ARS (Amateur Radio Service) Licensees. It is the responsibility of the purchaser to be properly licensed to transmit using this device. Please visit: <http://www.fcc.gov> for more information about obtaining ARS licensing.

The AVX-900-T4 is designed in a metal housing to provide years of trouble free service. It's modular design and small size allows the unit to be installed into numerous items with relative ease. The AVX-900-T4 comes pre-configured and ready to operate. All the user needs to do is apply DC power to the wiring harness plug, and connect an video and/or audio source to the inputs. This unit is officially rated at 12v DC 250mA (center pin positive), but should operate at reduced output with lower power levels.



AVX-900-T4

At full 12 volt power, the power output should be 500mW, on a single frequency of 910.10 mhz. You may notice small switches on the backside of the T4 transmitter. These switches should be secured from the factory, and should not be adjusted or modified in any way. These transmitters share only a single compatible frequency with our AVX-900-R1. Any adjustments will not be received by the AVX-900-R1, and may interfere with restricted government radio frequencies such as emergency response, and aircraft navigation frequencies. Do not adjust the switches.

The AVX-900-T4 is designed to be as small and lightweight as possible. With this in mind it does not include heat reducing components that are found on much larger transmitters. Due to this we recommend using only battery power sources for the AVX-900-T4 and limiting continuous operation time to 8 hours or less. Because the transmitter will generate significant heat when operating, it should be positioned so air is able to move over the metal housing. The unit will become extremely hot, and may pose a fire hazard if it is operated in an area where sufficient ventilation is not possible. The AVX-900-T4 is not waterproof and should be kept away from moisture. Supercircuits has successfully tested these units in ideal, open air, line of sight conditions to a range of 1 mile, using the standard rubber whip antennas. Your operating range may vary dramatically depending on any number of factors including but not limited to, weather, area radio interference, and building structures. For best performance, the antenna should be positioned vertically at the same angle as the receiver antenna.

Signal reception is best handled by a unit such as the Supercircuits AVX-900-R1 4 channel AV receiver. (only one channel is shared with the T4 transmitter)

If you have additional questions or problems, call our technical support department at: 1-800-335-9777

Supercircuits makes no representations concerning the legality of certain product applications such as the making, transmission or recording of video and/or audio signals of others without their knowledge and/or consent. We encourage everyone to check and comply with all applicable local, state and federal laws and regulations before engaging in any form of surveillance or any transmission of radio frequencies.

ARS (AMATEUR RADIO SERVICE) LICENSE REQUIRED