



AeroAudio

WWW.AEROAUDIO.EU



FM TRANSMITTER

50 - 300 - 500 - 1000 - 1500 WATT



FM TRANSMITTER



Availability of 50 to 1500W
Ethernet / Stereo / Ethernet + Stereo

Repeatability of the performances, guaranteed by the completely mechanized assembling

Good values of distortion and high S/N ratio

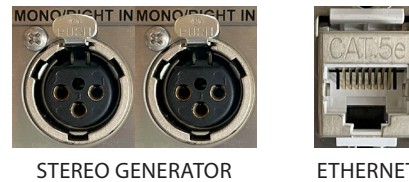
Analogic telemetry signals available on DB9

RS485 connection for remote control

Automatic output power level control

Control of all the functions via 2Rx16C display

All the final stages with LDMOS technology



STEREO GENERATOR

ETHERNET

Name	Watt	Ethernet	Stereo generator
AEROTX50	50	-	-
AEROTX50-S	50	-	●
AEROTX50-E	50	●	-
AEROTX50-SE	50	●	●
AEROTX300	300	-	-
AEROTX300-S	300	-	●
AEROTX300-E	300	●	-
AEROTX300-SE	300	●	●
AEROTX500	500	-	-
AEROTX500-S	500	-	●
AEROTX500-E	500	●	-
AEROTX500S-E	500	●	●
AEROTX1000	1000	-	-
AEROTX1000-S	1000	-	●
AEROTX1000-E	1000	●	-
AEROTX1000-SE	1000	●	●
AEROTX1500	1500	-	-
AEROTX1500-S	1500	-	●
AEROTX1500-E	1500	●	-
AEROTX1500-SE	1500	●	●

The FM Radio Transmitter is a reference point for the global market of FM Transmitters.

The display board on the front panel can indicate and change frequency, forward and reflected power, amplifier temperature, modulation level, alarms level, emphasis, remote enable.

The rear panel contains XLR balanced inputs with input level controls, BNC for MPX output from internal stereo coder (if option is present), BNC for MPX input, 2xBNC for SCA operation. There is also a DB9 for wired external control and a DB9 for serial RS485 remote control. As far as audio performances are concerned, only one word is needed: "transparent".

With a signal-to-noise ratio of 80dB, the whole dynamic of the modern digital audio sources are reproduced with high fidelity.

With a crosstalk of 60dB (with stereo option) there is no chance to "misunderstand" the source of the signals.

The RF output is via an N Female or 7/16" type connector.

The power amplifier is based on LDMOS devices. A fresh air tunnel through the transmitter keeps cool air running right through the heatsink. The amplifier is protected from damage by temperature control systems and antenna fault (SWR) monitoring. There is an added control on reflected power and heatsink temperature, that is foldback thresholds that permits to stay on air at a reduced output power even if conditions are not optimal.

The switching-type power supply automatically adapts itself to any input voltage from 90 to 260V.

Aeroaudio equipment is severely tested with highly accurate and professional laboratory testing instrumentation and is guaranteed by the ISO-9001 Quality Certification which ensures a perfectly managed production phase.

Aeroaudio equipment for Radio and TV broadcasting is currently used by valuable worldwide customers, which is the best certification for in-field performance over different operating environments.

manual





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