



# 250 Watt Stereo FM Transmitter with RDS

FMTX250



## Features

- Adjustable RF output power up to 250 Watts
- Multi-band audio processor built-in
- MPX stereo subcarrier generator built-in
- RDS Encoder built-in
- Latest enhancement mode FET RF amplifier

## Applications

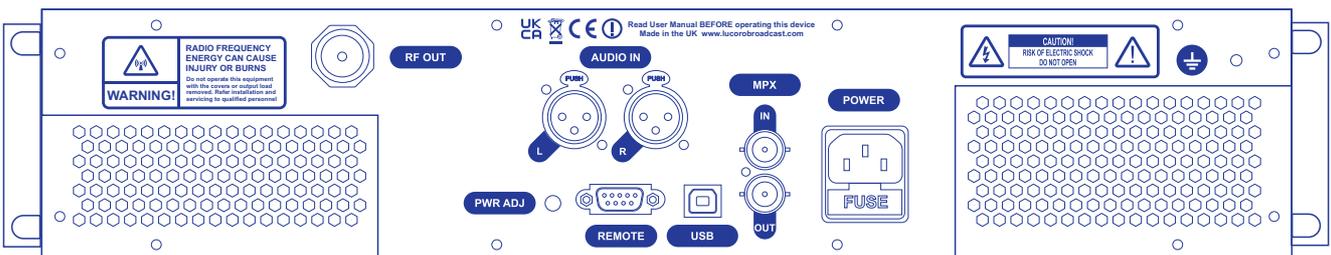
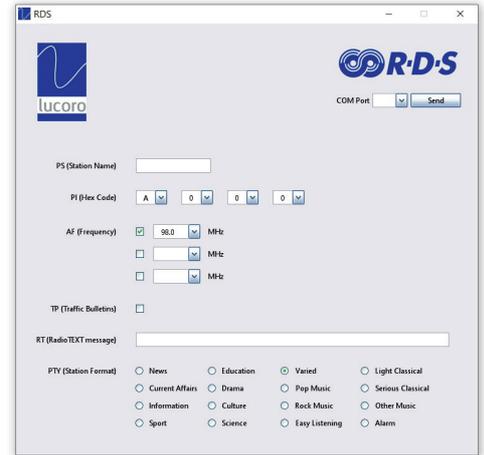
- Complete FM stereo service with RDS
- Full chain reserve back-up
- Independent radio service
- Community radio service
- Special event and emergency stations

The FMTX250 is a fully integrated 250W Stereo FM broadcast system with 5-band audio processing, stereo encoder and RDS generator in a single, highly compact product. The result is a truly first class transmission system for cost conscious radio stations who demand uncompromising performance.

The audio processor provides gain control, five bands of compression, plus composite clipping and digital FIR 15kHz filtering. The slow 'gain riding' optimises long-term audio level variations, whilst the multi-band limiter perfectly controls the sonic signature of all types of program material, making any format type - from talk shows to hit music formats - loud and clear.

Expensive frills, flashy lights, and complex controls usually associated with audio processors are a thing of the past, resulting in a 'plug and go' optimised FM broadcast solution.

The internal RDS encoder operates without the need for a data feed to the transmission site. The content can be updated by the user at any time, via the FMTX100's USB port from a Windows™ PC or Laptop.



## Specifications

Dimensions:	2U 88 H x 482 W x 350 D (mm)	Output Power:	30 - 250W
Weight:	5.0kg	Harmonics & spurious:	-75dBc typical
Audio input:	XLR 600ohm +8dBu	RDS Groups:	PS, PTY, TP, TA, PI, RT, AF
RF output:	N female 50ohm	Voltage:	100 - 250Vac 50-60Hz
I/O Control:	9-way D-sub female	Compliance:	EN302018, EN301489
Frequency:	87.5 - 108MHz		

## Lucoro Broadcast

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