



FM Broadcast Transmitter

FMTX1



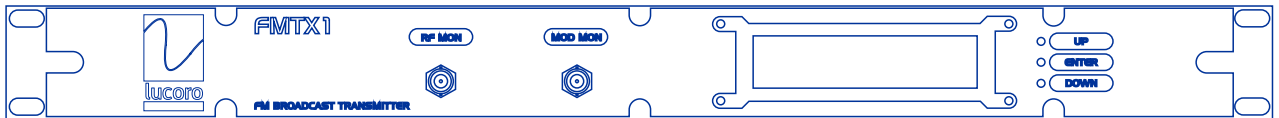
- ### Features
- Compact 1U all-in-one transmitter
 - Integrated Stereo DSP Audio Processor
 - Integrated RDS Encoder
 - 1W RF output
 - Broadcast regulatory compliance

- ### Applications
- Drive-in events
 - Churches
 - Campus radio
 - Hospital radio
 - Special event broadcasting

The FMTX1 is a 1W VHF FM Broadcast Exciter Transmitter with integral stereo DSP audio processor and RDS generator. It forms a complete FM broadcast radio solution in a single low-cost product,

More than the usual simple limiter, the internal audio processing provides loud clear competitive sound. RDS features include RadioTEXT, and dynamic TA switcing, along with the usual content, such as station name and PI Code. The RDS content can easily be updated via the FMTX1's USB port, using a Windows™ Laptop or PC.

Rugged and reliable, maintenance-free operation is ensured by using quality components and no cooling fans.



Specifications

Dimensions:	43 x 483 x 150 HxWxD (mm)	Temperature:	0 - 42 degrees C
Weight:	1.0kg	Voltage:	90 - 250V ac
Audio Input:	XLR (8dBm nominal)	Output Power:	800mW nominal
RF output:	N-type	Frequency:	87.5 to 108MHz (100kHz steps)
Audio Processor:	28-bit 48kHz DSP multi-band with AGC	RDS Groups:	0A, 2A
Stereo Separation:	60dB	Radio compliance:	EN302018
Controls:	Factory preset for optimum performance		

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