



1.5 Watt FM Exciter

FMTX1M



Features

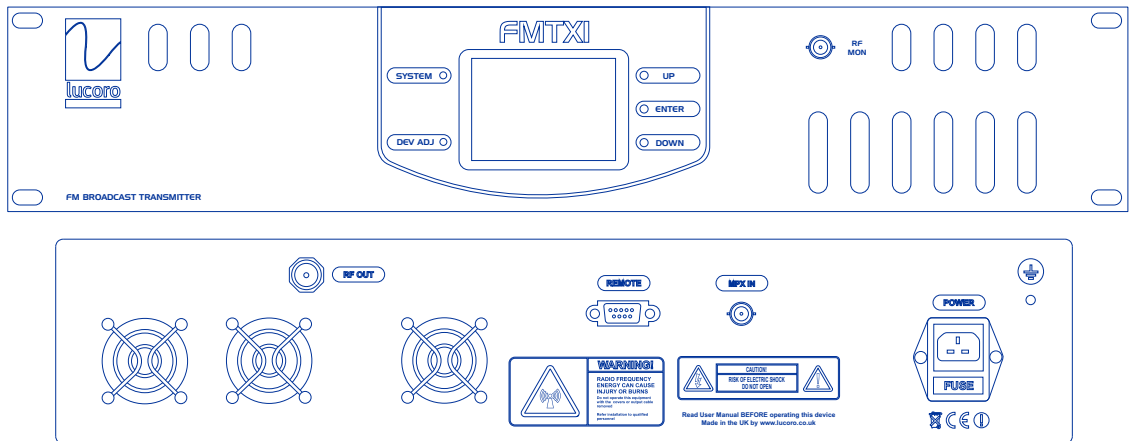
- 1.5W RF output power
- High quality linear PLL modulator
- Latest Enhancement Mode FET RF amplifier
- Wideband MPX input
- Front panel monitoring outputs

Applications

- External Coder and Processor choice
- Sites with STL baseband feed
- Back-up systems
- Standalone L-RSL radio services
- Standalone Campus radio services

FMTX100/M-LP 30W FM broadcast exciter/transmitter is perfect for cost conscious radio stations who demand uncompromising performance. It meets or exceeds EMC and safety standards, and is compliant with broadcast regulations. Reliability and efficiency is ensured by careful design and the use of high quality components.

Ideal for broadcast sites fed by analogue (multiplex baseband) STL feeds, or for users who prefer to specify their own processor and stereo / RDS coders.



Specifications

Dimensions:	2U 88 H x 482 W x 290 D (mm)	Frequency:	87.5 - 108MHz (76MHz to order)
Weight:	1.6kg	Output Power:	0.05 - 1.5W
MPX input:	BNC 75ohm +8dBu	Power stability:	Better than 0.25dB
RF output:	N female 50ohm	Spurious (76-137MHz):	<-100dBc (Fc > 500kHz)
RF monitor:	BNC female 50ohm (nominal -40dB)	Harmonics & Spuri:	<-70dBc (30-1000MHz)
I/O Control:	9-way D-sub female	Voltage:	100 - 250Vac 50-60Hz
Temperature:	+0° to +50°C (-20° to +60°C extreme)		

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