



125 Watt FM Transmitter

FMTX100 Series



Features

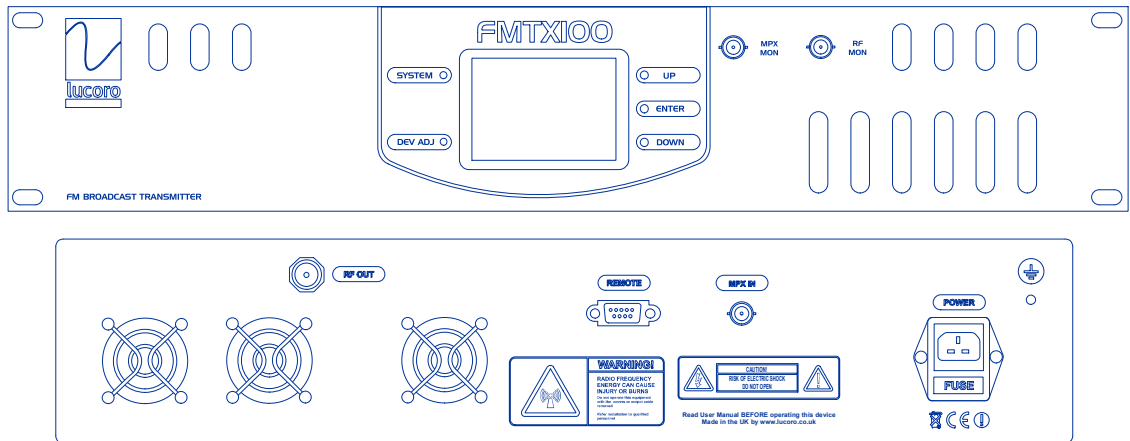
- 125W RF output power
- High quality linear PLL modulator
- Latest Enhancement Mode FET RF amplifier
- Wideband MPX input
- Front panel monitoring outputs

Applications

- External Coder and Processor choice
- Sites with STL baseband feed
- Back-up systems
- Independent radio services
- Community radio services

The FMTX100 is 125W FM broadcast system for cost conscious radio stations who demand uncompromising performance. The FMTX100 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:	2.8kg	Output Power:	10 - 125W
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	RDS Groups:	0A, 2A (others to order)
Temperature:	+0° to +50°C (-20° to +60°C extreme)	Voltage:	100 - 250Vac 50-60Hz

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