



50 Watt FM Repeater Transmitter

FMTX50-RBRX

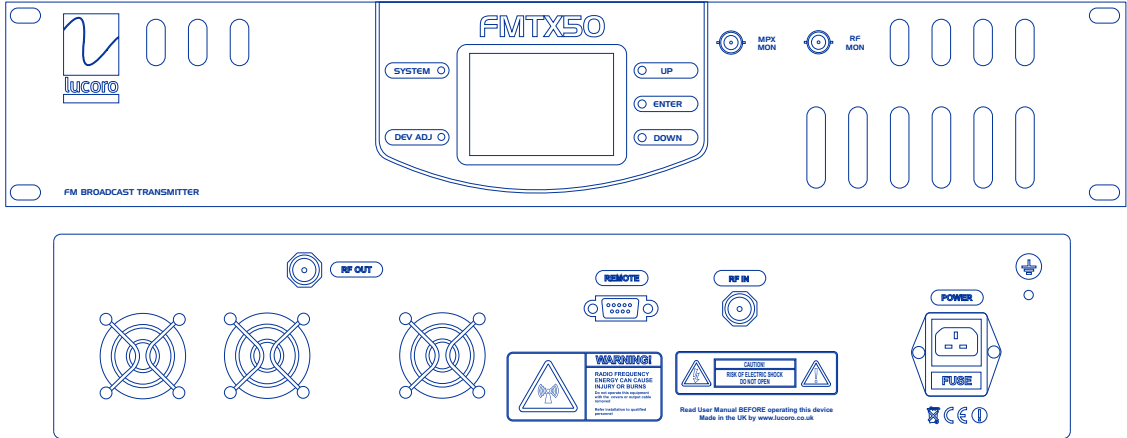


- ### Features
- 50W RF output power
 - PLL tuned receiver
 - Latest Enhancement Mode FET RF amplifier
 - High sensitivity and selectivity
 - Front panel monitoring outputs

- ### Applications
- Translator
 - Single unit re-broadcast (RBRX) solution
 - Easy coverage expansion or densification
 - Independent radio services
 - Community radio services

With 50W output power, the FMTX50RBRX 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 expansion or densification of existing or new FM networks, without the need for program feeds, the FMTX50RBRX features remote monitoring and control options.



Specifications

Dimensions:	2U 88 H x 482 W x 290 D (mm)	Transmitter Frequency:	87.5 - 108MHz
Weight:	5.3kg	Receiver Frequency:	87.5 - 108MHz
RF input:	N female 50ohm	Output Power:	20 - 50W
RF output:	N female 50ohm	Harmonics:	-70dBc or better
RF monitor:	BNC female 50ohm (nominal -40dB)	Spurii:	-90dBc or better
I/O Control:	9-way D-sub female	Voltage:	100 - 250Vac 50-60Hz
Temperature:	+0° to +42°C		

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