



125 Watt Transmitter

FMTX100-RBRX



Features

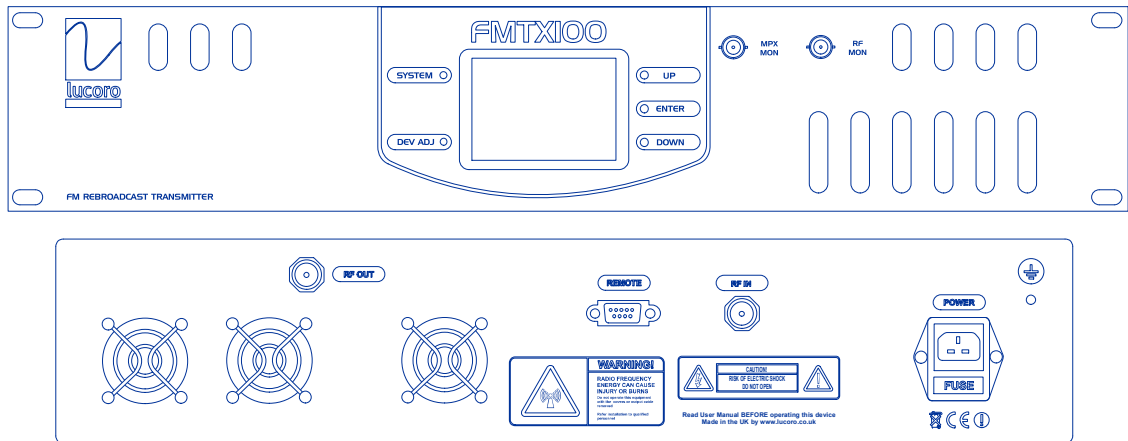
- 125W RF output power
- PLL tuned receiver
- Latest Enhancement Mode FET RF amplifier
- High sensitivity and selectivity
- Front panel monitoring outputs

Applications

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

With 125W output power, the FMTX100RBRX 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 FMTX100RBRX features remote monitoring and control options.



Specifications

Dimensions:	2U 88 H x 482 W x 290 D (mm)	Frequency:	87.5 - 108MHz (76MHz to order)
Weight:	4.8kg	Receiver Frequency:	87.5 - 108MHz (76MHz to order)
RF input:	N female 50ohm	Output Power:	30 - 125W
RF output:	N female 50ohm	Power stability:	Better than 0.25dB
RF monitor:	BNC female 50ohm (nominal -40dB)	Spurious (76-137MHz):	<-100dBc (Fc > 500kHz)
I/O Control:	9-way D-sub female	Harmonics & Spuri:	<-70dBc (30-1000MHz)
Temperature:	+0° to +50°C (-20° to +60°C extreme)	Voltage:	100 - 250Vac 50-60Hz

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