

# F M T R A N S M I T T E R S

S I M P L I C I T Y • R E L I A B I L I T Y • M O D U L A R I T Y • S E R V I C E A B I L I T Y

## FMT-100 100W FM Translator

The FMT-100 solid state 100W FM frequency translator is the most compact 100W all-inclusive translator on the market today. The FMT-100 provides exceptional audio performance in a rebroadcast chain with an R.F. and provides output in excess of 100W - in the 88.5 to 108MHz band.

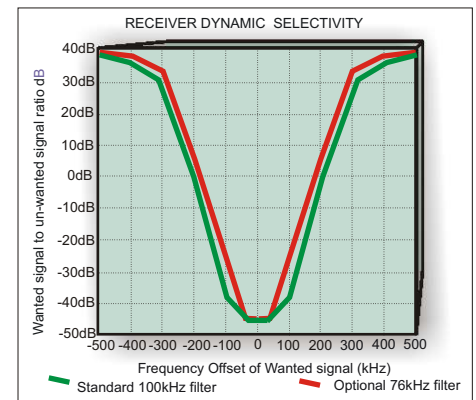
The FMT-100 is an FM Rebroadcast receiver and 100W (wideband I/P) FM transmitter incorporated in one 2U 19" rack mount unit. The unit is designed for high quality off-air re-broadcasting at relay stations. The FMT-25 unit can drive higher power R.F. amplifiers to provide higher power FM translator systems

The receiver includes a high quality "front end" unit with tracking filters and PIN attenuator to ensure the ultimate in performance.

A highly selective ceramic I.F. Filter is used in conjunction with a tracking demodulator to ensure maximum selectivity and superior audio performance.

Metering facilities are provided on the front panel for monitoring of the incoming signal quality and output parameters.

The FMT-100 includes two wideband (100kHz) inputs, one for an auxiliary carrier and the other for loop back of the received demodulated wideband signal. The FMT-100 also features a headphone output for monitoring of the received signal.



### FEATURES

- Superior audio performance
- SCA or RDS Operation (Auxiliary I/P)
- A.C. 110V and D.C. (+24V 25E)
- Modular design
- Wideband operation (100kHz baseband)
- Automatic tuning (front-end)
- High Selectivity (300kHz adjacent channel operation)
- Fully synthesized

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