# FLX 2500

*2.5 kW*

*Solid State FM Frequency Agile Transmitter*

- Totally modular, composed of two FLX 1300 amplifiers
- State of the art combiner system
- Very high efficiency PA, typically capable of more than rated output power with relatively low input
- Automatic gain control providing fixed output power even in case of fluctuating drive power
- Modular architecture offers unsurpassed flexibility and redundancy
- High reliability, consistent and stable performance due to total absence of tuning requirements
- VSWR, excessive temperature and excessive drive power protection, with indicator lights
- Compact size with built-in high-efficiency switching power supply, providing easy access and an overload reset system with indicator lights
- Meets or exceeds all FCC & CCIR requirements
- Easily replaceable standard components
- Proportional Auto-Foldback of output power in the event of excessive VSWR
- Full remote control and telemetry capability, with all main parameters on rear contacts

## Amplifier's Technical Specifications

(For audio specifications and other features please see Exciter pages.
FLX Series Transmitters normally shipped with Lex Series Exciters. Other Bext Exciters available upon request).

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|---|---|
| **Frequency range:** | 87.5 -108 MHz |
| **Rated Output Power:** | 2.5 kW |
| **RF Output Connector/Impedance:** | 7/8" EIA Flange / 50 Ohm |
| **RF Input Connector / Impedance:** | Type "N" / 50 Ohm into RF Amplifier System |
| **Spurious & Harmonic Suppression:** | Meets or exceeds all FCC and CCIR requirements |
| **AC Input power:** | 208-240V, 50-60Hz, Single or 3 Phase, pls. specify with order (others upon request) |
| **AC Power Consumption:** | Approx. 4000 W |
| **RF Drive Required:** | Approx. 45W |
| **Cabinet Dimensions / Crate size** | Standard rack cabinet, 22 ¾" W x 33½" H x 32" D / Crated, 37" W x 41" H x 27" D |
| **Approximate Weight:** | Unpacked, 220 lbs (100 Kg); Crated for shipping, 300 lbs (136 Kg) |
| **Operating Ambient Temp. Range:** | 0° C to 45° C (32° F to 113° F) with maximum humidity 90%, non-condensing |

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