

fm high power COMPLETE SYSTEMS

The systems in 'FM High Power Complete Systems' series are equipment designed to simplify transport and installation and to ensure high working reliability for directly powering antenna systems. The amplifier design redundancy (a power supply for every MOS device), the oversized unbalanced power dummy loads, the wide input range of the switching-mode power supplies, allow a NO STOP transmission 24h per day. The temperature of the amplifiers is guaranteed by a forced air cooling system extremely noiseless. The good distortion values, the S/N performance, the cross-talk measure (in stereo models) of the exciter together with the great amplifier linearity ensure a great overall performance. A microprocessor for each equipment monitors and controls the currents of the MOSFET and voltages of the power supply together with the measure of RF output power and the temperature of the heat-sinks. The presence of a Control Unit that collects all measures from amplifiers and from antenna system ensure a single control point to access to all MOSFET currents, power supplies voltages, temperatures of the heat-sinks, amplifiers output powers together with the RF power reading of the output antenna system. A multifunction display on the Control Unit makes it possible to verify all the operating parameters of the unit. The systems in the series are completely (exciter + amplifier) remotable by a single access point using the Elettronika RCU equipment.



MAIN CHARACTERISTICS:

- Forced-air Cooling System
- High Efficiency
- Single Remote Control access point using Elettronika RCU
- All voltages and currents available on display

MODELS

TXSM3000M	3000W Mono	Composed by: MIRA250 + EKA3000
TXSM3000A	3000W Stereo	Composed by: MIRA250S + EKA3000
TXSM4000M	4000W Mono	Composed by: MIRA250 + EKA4000
TXSM4000A	4000W Stereo	Composed by: MIRA250S + EKA4000
TXSM5000M	5000W Mono	Composed by: MIRA250 + EKA5000
TXSM5000A	5000W Stereo	Composed by: MIRA250S + EKA5000
TXSM6000M	6000W Mono	Composed by: MIRA250 + EKA6000
TXSM6000A	6000W Stereo	Composed by: MIRA250S + EKA6000
TXSM10000M	10000W Mono	Composed by: MIRA250 + EKA10000
TXSM10000A	10000W Stereo	Composed by: MIRA250S + EKA10000
TXSM20000M	20000W Mono	Composed by: MIRA250 + EKA20000
TXSM20000A	20000W Stereo	Composed by: MIRA250S + EKA20000