

FM-500LCD

500 Watt Solid State FM Amplifier



Features

- Two 300 Watt modules for extra reliability and headroom
- High efficiency, switching power supply with soft-start
- Built-in low pass filter. It can be used as a stand-alone transmitter
- Remote Control & Status Ready
- Broadband requires no tuning
- Very high gain, requires only 12-15 watts of drive for 500 Watt output
- Soft failure, can stay on the air with loss of an amplifier
- Remote Diagnostics Ready



ARMSTRONG
TRANSMITTER CORPORATION

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FM-500LCD

TECHNICAL CHARACTERISTICS

Electrical Characteristics		Mechanical and Environmental Characteristics	
RF Power Output	30-550 Watts	Dimensions	19.00" (483 mm) Wide 16.40" (420 mm) Deep 5.25" (133 mm) High
RF Power Impedance	50 Ohms	Weight	66 lbs (30 kg)
RF Output Connector	Type N Female	Shipping Weight	100 lbs (45 kg)
RF Frequency Range	88-108 Mhz	Cooling	Forced Air
RF Harmonic and Superious suppression	Meets or exceeds all FCC requirements	Operating Temperature	-10°C to 50°C
RF Drive Power	15 Watts	Humidity	95% maximum, non-condensing
RF Input Connector	Type N female	Altitude	7500' (2300 m) max. above sea level
RF Input Impedance	50 Ohms		
AC Power Consumption	900 Watts		
AC Power Requirements	100-130 V, 50-60 Hz 198-250 V, 50-60 Hz		



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