FMA300 300W FM BROADCAST AMPLIFIER

SRK ELECTRONICS PTY LTD

300 watts continuous output power.
Rugged design.
Fully solid state.
Remote controlled.
Easy to use.
Extensive metering.
Reliable protection.
Frequency agile.
Designed and made in Australia.
3 year guarantee.

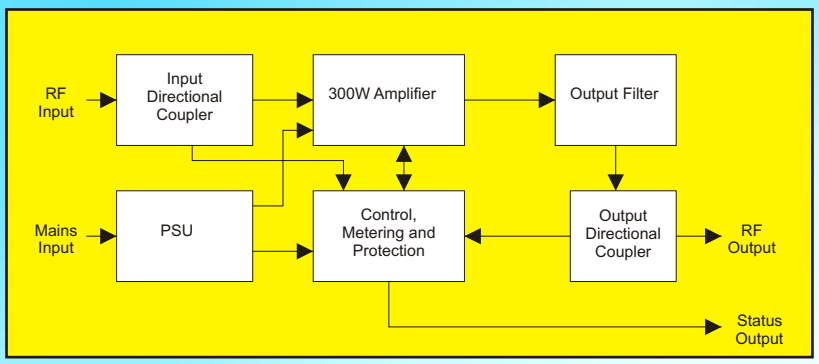
The FMA300 is a solid state 300W FM broadcast amplifier. This unit has been designed using the latest in MOSFET technology to ensure high gain and low failure rate.

The FMA300 consists of a power amplifier, switch mode PSU and control, metering and protection circuitry. Refer to diagram opposite.

The truly broadband design of these units ensures seamless integration into existing broadcast installations and is a perfect choice for those stations wishing to take full advantage of their licence conditions.

Each FMA300 has extensive protection against over temperature and power. A total of 7 parameters are available for measurement on the inbuilt digital display of each module, as well as status indicators for power supply condition and fault conditions.

Each FMA300 comes complete with extensive documentation covering installation, use, maintenance and trouble shooting.



FMA300 Specifications

Output power	>300W continuous
Carrier frequency	87.5 to 108.0 MHz
Input power	<12W
Line voltage	240VAC +/-15%
Line power	<650VA
Power factor	>0.95
Spurious	<75dBc
Protection	Over temperature
	Over/under line voltage
	Over SWR
	Over i/p power
	Over o/p power
Physical dimensions (approx)	Width 500mm
	Depth 300mm
	Height 130mm
Weight (approx)	<12Kg
Cooling	Forced air
Input line connector	IEC male
Output RF connector	N female
Input RF connector	N female
Telemetry connector	DB9 female
Data format	9600,1,N

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