



## NA 2001

### 2 KW FM Broadband MOSFET Amplifier 87.5 - 108 MHz Range



- Extremely high efficiency MOSFET technology amplifier.
- High gain PA, typically capable of 2000 W output power with less than 20W drive input power.
- Automatic gain control providing fixed output power even in case of fluctuating drive power.
- High reliability, easy handling and consistent performance standard achieved among the various units due to total absence of tuning requirements.
- Compact size with lowest weight for this size. (only 105 Lbs)
- Meets or exceeds all FCC and CCIR requirements.
- Easily replaceable standard components.
- Advanced recycling overload and protection system.
- Proportional Auto-Foldback of output power in the event of excessive VSWR.
- Full remote control and telemetry capability, with all main parameters on rear terminal connector.

#### TECHNICAL SPECIFICATIONS

Frequency Range:	87.5-108 Mhz
Input Power:	20-25 W
Rated Output Power:	2000 W
RF Output Connector/Impedance:	7/8 EIA Connector/50 ohm
RF Input Connector/Impedance:	"N" Connector/50 ohm
Spurious and Harmonic Suppression:	> 70 dB
AC Input Power:	220-240 Volts Single Phase
Typical input power ALC output power stability:	± 3%
Power Consumption:	3600-3800 watts from AC
Overall Dimensions:	19" (487 mm) wide x 12,3" ( 312 mm) high x 26" (660 mm ) depth.
Weight:	105 Lbs (48 Kg)
Recommended Ambient Temperature:	0° to 30° C (32° to 85° F)
Maximum Humidity	90%, non-condensing