



- High Gain
- Combined Video and Aural at full rated power
- High-Temperature and SWR alarm
- Internal temperature Compensated Bias
- Automatic Fold-back in case of excessive VSWR
- Meets or exceeds all FCC and CCIR requirements

This compact TV amplifier series have been designed to be used as final power stage or as a driver for higher-power Amplifiers in the UHF and VHF III Band. The output power is 100W PEP for the AP 100 and 250W PEP for the AP250. The amplifier is protected against excessive SWR and high temperature and a remote control feature allows to switch On and off the unit.

TECHNICAL SPECIFICATIONS

AP 100

Frequency range	UHF 470 – 806 Mhz (channel 14-69) VHF 174 – 216 Mhz (channel 7 – 13)
Output power	100 W PEP (with 5-7 W drive)
Gain	13 dB
Out stage technology	Solid State LDMOS
Standards	B, D, G, I, K, M, N
RF Spurious Product	Better than – 60dB
RF Output impedance	50 Ohms
RF In/Out connector	N Female 15.75MHz on
Power Supply	115/230 Vac single phase (internal switch)
Typical Power Consumption	350 VA
Remote socket	DB 9
Cabinet	Rack 19" – 2 U
Ambient Temperature	0° to 50° C (32° to 122° F)
Relative Humidity	20% - 90%

AP 250

Frequency range	UHF 470 – 806 Mhz (channel 14-69) VHF 174 – 216 Mhz (channel 7 – 13)
Output power	250 W PEP (with 15 W drive)
Gain	20 dB
Out stage technology	Solid State LDMOS
Standards	B, D, G, I, K, M, N
RF Spurious Product	Better than – 60dB
RF Output impedance	50 Ohms
RF In/Out connector	N Female 15
Power Supply	115/230 Vac single phase (internal switch)
Typical Power Consumption	500 VA
Remote socket	DB 9
Cabinet	Rack 19" – 2 U
Ambient Temperature	0° to 50° C (32° to 122° F)
Relative Humidity	20% - 90%