

ACM250P

250W Power Amplifier

Description

The ACM250P is a 250 watt power amplifier with outputs for 4 ohms, 70 and 100 volt line. It may be desk or rack mounted. The ACM250P features a flat screwdriver accessible gain control on the rear panel.

Inputs

The ACM250P features two signal inputs. The unit has industry standard 3 pin XLR microphone sockets. Two line level sockets are provided for bridged in/out connection.

Outputs

The ACM250P features 100 volt, 70 volt and 4 ohm isolated transformer outputs.

Protection

Internal current limiting protects the amplifier from both overload and overdrive conditions. The ACM250P also features protection in the form of excess temperature auto cut out. An in built auto temperature sensing fan will turn on at a factory default level but in most situations, will never be required.

Australian Monitor Installation Series amplifiers feature a protection network that provides greater stability and performance. Our amplifiers are recognised worldwide for their reliability and this is due to the extensive levels of current limiting which protect the amplifiers from both overload and overdrive conditions.



Power Output	250 Watts RMS
Maximum Load	40 Ohms @ 100 Volts
Power Bandwidth	60Hz - 15kHz < 0.5% THD
Frequency Response	60Hz - 15kHz (± 3dB)
Total Harmonic Distortion	0.5% @ 1 kHz rated power
Signal To Noise Ratio	-80dB
Input Sensitivity	700mV
Outputs	100V, 70V, 4 Ohm
Controls	One gain control on rear of the unit via flathead screwdriver control
Indicators	Power "on" and "Protect" LED
Power Source	AC 240V - 60Hz, 110V - 50Hz (special) 3 pin IEC connector
Power Consumption	400 Watts
Protection	Current Limiter protection, plus AC and DC fuses
Dimensions/Weight	88mm H x 480mm W x 330mm D (Chassis Dimensions only). 15kg
Rack Mounting	Standard

ARCHITECTURAL AND ENGINEERING SPECIFICATIONS

The 250 watt power amplifier shall be designed to run 100 volt line audio systems. The unit shall also feature a four ohm output. The amplifier may be desk or rack mounted.

The unit shall feature high temperature protection with front panel indication. An in built auto temperature sensing fan shall cool the unit when required and automatically turn off again once the amplifier is running at the correct temperature. The amplifier must be capable of delivering 250 watts into a forty ohm inductive load with less than 0.5% distortion measured at 1kHz and with system hum and noise less than -74dB.

The amplifier shall be an Australian Monitor Installation Series model ACM250P.



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