

# ACM250P



## 250w Power Amplifier

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### 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 but is packaged as self standing with rubber feet. 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.

### Manufacture

The ACM250P is proudly designed and manufactured in Australia.



## ACM 250P Specifications

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### 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

Optional ACMRK Rack mount kit

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## 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 mounted as standard or rack mounted with the addition of an optional rack mount kit.

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 Audio Telex model ACM250P, manufactured in Australia.