

250 Watt 70 Volt/ 8 Ohm AMPLIFIER



Description

The AMIS250P is a 250 watt power amplifier with outputs for 4 ohms and 70 volt line. It may be desk or rack mounted. The AMIS250P features a flat screwdriver accessible gain control on the rear panel.

Inputs

The AMIS250P features one signal input. The unit has industry standard 3 pin XLR microphone sockets. Two line level sockets are provided for bridged in/out connection.

Outputs

The AMIS250P features 70 volt and 4 ohm isolated transformer outputs.

Protection

Internal current limiting protects the amplifier from both overload and overdrive conditions. The AMIS250P also features protection in the form of excess temperature auto cut out. A built-in 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 recognized 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.

SPECIFICATIONS

Power Output

250 Watts RMS

Maximum Load

20 Ohms @ 70 Volts

Power Bandwidth

60Hz - 17kHz (- 3dB)

Frequency Response

60Hz - 23kHz (- 3dB)

Distortion

0.5% @ 1 kHz rated power (THD)

Signal To Noise Ratio

80dB

Input Sensitivity

700mV Outputs 70V, 4 Ohm

Controls

One gain control on rear of the unit via flathead screwdriver control

Indicators

Power "on" and "Protect" LED

Power Source

120VAC 60Hz 3 pin IEC connector; 24VDC

Power Consumption

400 Watts

Protection

Current Limiter protection, plus AC and DC fuses

Dimensions HWD

3.5" x 19" x 13"

Weight

33.1lb

Rack Mounting

Standard

AMIS 250P



Architectural and Engineering Specifications

The 250 watt power amplifier shall be designed to run 70 volt line audio systems. The unit shall also features a four ohm output. The amplifier may be desk or rack mounted. The unit shall feature high temperature protection with front panel indication. A built-in 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 20 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 AMIS250P.

ABOUT

Australian Monitor Corporate Headquarters is located in Sydney, Australia. The organization has more than 20 years experience in the design and manufacture of audio amplifiers and associated products. They are a dynamic corporation, priding themselves on excellent customer service, better features and lower priced products for Sound Contractors and Audio Visual Integrators worldwide.