

120 Watt 70 Volt/ 8 Ohm AMPLIFIER



Description

The AMIS120P is a 120 watt power amplifier with outputs for 4 and 8 ohms and 70 volt line. It may be desk or rack mounted. The AMIS120P features a flat screwdriver accessible gain control on the rear panel. This amplifier features a status LED.

Inputs and Outputs

The AMIS120P features a balanced line level XLR input with a parallel output to feed additional power amplifiers. The unit has industry standard 3 pin XLR microphone sockets. The AMIS120P features 70 volt, 8 and 4 ohm isolated transformer outputs via a rear panel barrier strip.

Protection

Internal current limiting protects the amplifier from both overload and overdrive conditions. Should the amplifier be overdriven, a current limiter will protect the unit, and in a worst case scenario the amplifier will shut down until the problem is resolved. Once the problem is fixed (shorted speaker line or overdriven input), the amplifier will automatically reset and continue operation. The AMIS120P features generous heatsinking. 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

120 Watts RMS

Maximum Load

40 Ohms @ 70 Volts

Power Bandwidth

60Hz - 17kHz (- 3dB)

Frequency Response

60Hz - 23kHz (- 3dB)

Total Harmonic Distortion

0.5% @ 1kHz rated power

Signal To Noise Ratio

-80dB

Input Sensitivity

700mV

Outputs

70V, 4 Ohm, 8 Ohm

Controls

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

Indicators

Power "on" LED

Power Source

120VAC 60Hz 3 pin IEC connector; 24VDC

Power Consumption

300 Watts

Protection

Current Limiter protection, plus AC and DC fuses

Dimensions

3.5" H x 19" W x 11" D

Weight

26.5lb

Rack Mounting

Standard

AMIS 120P



Architectural and Engineering Specifications

The 120 watt power amplifier shall be designed to run 70 volt line audio systems. The unit shall also feature a 4 and 8 ohm output. The amplifier may be desk or rack mounted. The amplifier must be capable of delivering 120 watts into an 40 ohm inductive load with less than 0.5% distortion measured at 1kHz and with system hum and noise of -80dB or better. Internal current limiting shall protect the amplifier from both overload and overdrive conditions. The amplifier shall be an Australian Monitor Installation Series model AMIS120P.

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.