

2 chan. 120 Watt 70 Volt/ 8 Ohm AMP



Description

The AMIS1202P is a dual channel 120W + 120W power amplifier designed to deliver continuous full range performance in a compact and reliable package. The AMIS1202P is two independent amplifiers in the one chassis making it the perfect choice for multi-zone or multi-channel applications.

Inputs and Outputs

The AMIS1202P provides dual balanced XLR inputs (male and female) per channel. These two inputs are wired in parallel enabling a line level 'split' to be taken from the second input of each channel. 70 volt line and 4/8 ohm outputs are available via the rear panel barrier strip.

Controls and Metering

A recessed input attenuation control for each channel is included on the rear panel. These pots are accessible using a screwdriver. The AMIS1202P features a signal-present LED per channel and power-on LED.

Protection

The AMIS1202P features 'slow start' and dual AC and DC fuse protection. Also featured is automatic speaker protection. The AMIS1202P includes generous heat sinking for reliable operation in even the most extreme conditions. 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 per channel

Maximum Load

40 Ohms on 70 Volt line setting

Frequency Response

60Hz - 23kHz (- 3dB)

Total Harmonic Distortion

0.5% at 1kHz
(1 Watt - full power)

Signal To Noise Ratio

-80dB at 70V
-80dB at 8 Ohms
-80dB at 4 Ohms

Input Sensitivity

0.5 Volt RMS - 70 Volt

Input Impedance

10K Ohms

Input Connection

Active balanced input with male and female 3 pin XLR input/output

Outputs

70 Volt line and 4/8 Ohm via rear panel barrier strip.

Line out to feed additional amplifiers from one of the paralleled XLR input

Controls

Front power switch;
Recessed rear input attenuator (per chan)

Metering/Indicators

Signal-present LED per chan.

Power Source

120VAC 60Hz 3 pin IEC; 24VDC

Power Consumption

400 Watts (maximum)

Protection

Fuses for overload & short circuit protect,
High temperature trip (at 120°C), DC Output Sensing (disconnects load if DC is present)

Dimensions:

3.5" H x 19" W x 11" D

Weight

3.1lb

Rack Mounting

Standard

AMIS 1202P



Architectural and Engineering Specifications

The power amplifier shall be a dual channel model capable of delivering 120 watts RMS per channel into 70 volt line or 4/8 ohm loads. The unit shall feature a signal-present LED per channel. Speaker connection shall be via a rear panel barrier strip. The amplifier shall have two balanced XLR inputs per channel, one of which can be used to feed additional power amplifiers. The unit shall also include fuse protection for overload and short circuit conditions. The unit shall also feature generous heatsinking for reliable operation in extreme conditions. The unit shall be of high quality suitable for continuous, reliable performance. It shall have a frequency response of no less than 60Hz - 23kHz (- 3dB). Distortion shall not exceed 0.5% at 1kHz. The signal to noise ratio shall be -80dB (on 100V setting) or better. The power amplifier shall be packaged in a rugged 2 rack unit metal chassis suitable for desk or rack mounting. The amplifier shall be an Australian Monitor Installation Series model AMIS1202P.

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.