

ACM1202P

120W + 120W
Dual Channel Power Amplifier

Description

The ACM1202P is a dual channel 120W + 120W power amplifier designed to deliver continuous full range performance in a compact and reliable package. The ACM1202P is two independent amplifiers in the one chassis making it the perfect choice for multi-zone or multi-channel applications.

Inputs and Outputs

The ACM1202P 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.

100/70 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 ACM1202P features a signal-present LED per channel and power-on LED.

Protection

The ACM1202P features "slow start" and dual AC and DC fuse protection. Also featured is automatic speaker protection. The ACM1202P 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 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	120 Watts per channel
Maximum Load	80 Ohms on 100 Volt line setting
Frequency Response	50Hz - 15kHz (\pm 3dB)
Total Harmonic Distortion	0.5% at 1kHz (1 Watt - full power)
Signal To Noise Ratio	-80dB at 100V; -80dB at 8 Ohms; -80dB at 4 Ohms
Input Sensitivity	0.5 Volt RMS - 100 Volt line
Input Impedance	10K Ohms
Input Connection	Active balanced input with male and female 3 pin XLR input/output sockets per channel.
Outputs	100/70 Volt line and 4/8 Ohm via rear panel barrier strip. Line out to feed additional amplifiers from one of the paralleled XLR input sockets
Controls	Front panel power switch; Recessed rear panel input attenuator (per channel)
Metering/Indicators	Signal-present LED per channel
Power Source	240V - 50Hz or 110V - 60Hz (special), 3 pin IEC connector
Power Consumption	400 Watts (maximum)
Protection	Fuses for overload and short circuit protection, High temperature trip (disconnects load at 120°C), DC Output Sensing (disconnects load if DC is present)
Dimensions/Weight	88mm H x 483mm W x 315mm D (Chassis dimensions only). 15kg
Rack Mounting	Standard

ARCHITECTURAL AND ENGINEERING SPECIFICATIONS

The power amplifier shall be a dual channel model capable of delivering 120 watts RMS per channel into 100/70 volt line and 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 50Hz - 15kHz (\pm 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 ACM1202P.



Engineered and Distributed By **AUDIO TELEX COMMUNICATIONS PTY LTD** (ABN 78 001 345 482), 149 Beaconsfield Street, Silverwater, Sydney, NSW, 2128 Australia

NSW Tel: (02) 9647 1411 Fax: (02) 9648 3698 VIC Tel: (03) 9890 7477 Fax: (03) 9890 7977 QLD Tel: (07) 3852 1312 Fax: (07) 3252 1237 WA Tel: (08) 9228 4222 Fax: (08) 9228 4233

TAS Tel: (03) 6228 6373 Fax: (03) 6278 1063 SA Tel: (08) 8352 4444 Fax: (08) 8352 4488 Export Enquiries: export@audiotelx.com.au Website: www.australianmonitor.com.au