

# ACM1202P

DUAL 120WATT POWER AMPLIFIER



**RACK EARS  
INCLUDED**

## 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 & 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 & 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.

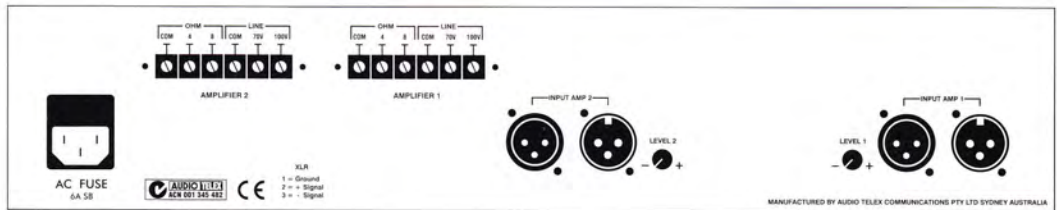
**AUDIO TELEX**

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# ACM1202P SPECIFICATIONS



## Power Output

120 watts per channel

## Maximum Load

80 ohms on 100 volt line setting

## Frequency Response

50Hz-15kHz (+/-3dB)

## THD

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

## S/N 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

## 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

## Power Source

240v-50Hz or 110v-60Hz (special), 3 pin IEC connector

## Power Consumption

400 watts (maximum)

## Rack Mounting

Included (2ru)



## 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 (+/-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 Audio Telex ACM1202P.

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