

ACM604P

4 Channel Amplifier
60 Watts per Channel

Description

The ACM604P features four individual 60 watt power amplifiers in a 2RU chassis and is suitable for rack or desk mounting. This amplifier includes a rack mount kit and signal present LED (per channel).

Inputs

Each of the four power amplifiers features balanced XLR inputs with a parallel balanced XLR output. A rear panel level control is available per channel.

Outputs

The ACM604P features 100 volt, 70 volts, 8 ohm isolated transformer outputs per amplifier module.

Protection

Internal current limiting protects the amplifier from both overload and overdrive conditions. The ACM604P features generous heat sinking to allow reliable operation in 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.



Applications

With 4 x 60 watt power amplifiers in a two rack unit chassis, the ACM604P becomes a great way to save space in multi zone installations. Used in conjunction with the Australian Monitor Installation Series Pagenet 88 Zone Paging System, a client can enjoy eight channels of power amplification, routing, multi zone paging, muting, chimes and EQ in just 6 rack units. This makes the system easy to install and user friendly.



Power Output	4 x 60 Watts RMS
Maximum Load Per Amplifier	160 Ohms @ 100 Volts
Power Bandwidth	60Hz - 15kHz < 0.5% THD
Frequency Response	60Hz - 15kHz (± 3dB)
Total Harmonic Distortion	0.5% @ 1 kHz rated power
Signal To Noise Ratio	-80dB with all controls at their centre position
Inputs	Balanced XLR Line Level
Input Sensitivity	0.5V RMS
Outputs	Speaker: 100, 70 Volts 8 Ohms
Indicators	Power "on" LED, Signal-present LED per channel
Power Source	AC 240V - 60Hz, 110V - 50Hz (special) 3 pin IEC connector
Power Consumption	400 Watts
Protection	Overload and overdrive protection, plus AC and DC fuses
Dimensions/Weight	88mm H x 480mm W x 350mm D (Chassis Dimensions only). 17kg
Rack Mounting	Standard

ARCHITECTURAL AND ENGINEERING SPECIFICATIONS

The unit shall feature 4 x 60 watt power amplifiers with in-built limiting and signal-present LED per channel in a 2RU chassis.

Inputs of the power amplifier shall be of balanced XLR type with 70/100 volt and 8 ohm outputs per channel. The unit shall also feature a balanced XLR output per channel for linking to other units. Each of the four amplifiers shall feature a recessed volume control on the rear panel.

The amplifier shall be an Australian Monitor Installation Series model ACM604P.



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