



4-Channel Analog Filtering Amp

The PAS-A4100 is designed for flexibility and convenience for the vast majority of distributed audio and home entertainment applications. This single rack-mount chassis is powerful, easy to configure and install.

The PAS-A4100 delivers up to 100 watts of power to each of four independent channels. It is bridgeable in pairs—doubling the output and enabling two, three, or four channel configuration.

Additionally, each channel has two selectable analog high pass filters. These filters are critical to optimize the performance of connected satellite speakers or subwoofers, without the hassle of DSP or IP.

Independent level control allows you to trim the signal for lower output to small speakers or turn all the way up for max power. The amplifier is stable at a low impedance, so it can drive multiple satellite speakers or a subwoofer from each channel.

Preamp outputs on every channel allow for patching to an adjacent channel or sending the signal to another device. Audio sensing, and *in-&out* triggers add power management convenience. Each channel has a signal and clipping indicator located on the brushed aluminum front panel for easy troubleshooting and signal verification. Rack ears and tabletop feet are included for mounting options.

PAS-A4100 4-Channel Amplifier



Master Power Button

Includes turn-on circuitry

Status Display for Troubleshooting

Channel indicators light up green when signal is present and red when clipping

Bicolor Status LED

Illuminates blue when the amplifier circuitry is turned on by the Turn-on circuits, and illuminates red to indicate activation of the amplifier's built-in protection circuitry



4 Independent Channels

Up to 100 Watts @ 8 Ohms

Ample power to drive subwoofers and multiple satellite speakers

2/3/4 Multi-Channel Bridgeable Configurable in 8Ω

2x 200w, 2x 100w + 1x 200w, 4x 100w

Selectable Analog Filters

Built-in 3-position switch filters low/full-range/high-pass audio signals for each amplifier output

Audio Input Level Controls

Rear panel adjustment dials allows for independent source matching or limit maximum safe volume

Turn-On Modes

Audio signal sense
Normal - always on
Trigger voltage

Trigger Input

3-24VAC or DC 20mA

Trigger Output

12VDC max 150mA

Specifications

Max Load	3x 8ohm Speakers per Channel
Channels	4
Power Output per Channel	100w @ 8ohms
Rated Power	70 W
Input Sensitivity	0.08V
Gain	30 dB
THD+N	0.05

Frequency Response at 1W	20~20K
S/N Ratio	98dB
Auto Sens Level	5mV
Crosstalk at 1KHz	80dB
Crosstalk at 10KHz	70dB
Noise	0.3mV
Dimensions (L x W x H)	11.5 x 17 x 1.5 in

PACKAGE CONTENTS

- (1) 4-Channel amplifier
- (1) Detachable power cord
- (1 set) Rack-mount hardware
- User manual

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