



PA40G/PA60G

Commercial Power Amplifiers



Features

- PA40G - 40W into 70.7V/100V
- PA60G - 60W into 70.7V/100V
- 1 Balanced Line Input
- 1 Unbalanced, Summing Line Level Input
- Global Power Supply, 100VAC-240VAC ~ 50/60Hz
- Removable Level Control with Set It and Forget It Security Cover
- Compact 1RU, ½ Rack
- Optional Rack Mount Kit

General Description

Small and compact, and engineered for efficiency and reliability, the Atlas Sound PA40G and PA60G amplifiers are the perfect choice for paging or background music (BGM) systems, small to medium speech privacy systems, and any applications where distributed audio is required. They provide 40W (PA40G) or 60W (PA60G) into a 70.7V/100V line and each have balanced line level input via phoenix connector and a summing unbalanced RCA input. Output is to 70.7/100V speaker lines via phoenix connector and additional features include status LEDs, Removable Level Controls with set it and forget it security cover, and a global (100VAC-240VAC) power supply. The PA series of amplifiers are part of a new line from Atlas Sound that are designed from the ground up and include the important features professional installation personnel require to meet or exceed their customer's expectations.

Specifications

Power Output

PA40G 40W @ 70.7V (125Ω), 40W @ 100V (250Ω)
PA60G 60W @ 70.7V (83Ω), 60W @ 100V (166Ω)

Frequency Response

50Hz - 20kHz

THD+N

0.5% or Less @ 1kHz, Rated Output

Sensitivity

Line Input 500mV (600Ω)
RCA 500mV (10kΩ)

Output Regulation

Less Than 2dB, No Load to Full Load

Signal to Noise Ratio

Balanced Input = >55dB
Unbalanced RCA Summed = >55dB

Indicators

Power, Signal, Limit

Power Consumption

PA40G
Idle 8 Watts, 0.075A, 27 BTU
Average 24 Watts, 0.26A, 81 BTU
Max 71 Watts, 0.8A, 242 BTU

PA60G

Idle 8 Watts, 0.075A, 27 BTU
Average 34 Watts, 0.41A, 116 BTU
Max 102 Watts, 1.25A, 348 BTU

Dimensions

H 1.75" (1RU) x W 8.5" x D 7.81"
(44mm x 216mm x 198mm)

Weight

Net Weight 2.9 lbs (1.32kg)
Shipping Weight 3.1 lbs (1.4kg)

Fuse

PA40G T630mA
PA60G T1A

Architect & Engineer Specifications

The mixer amplifier shall be Atlas Sound _____ (PA40G, PA60G, or approved equal). They shall provide either 40W (PA40G) or 60W (PA60G) into a 70.7V/100V line via phoenix style connector. Each unit shall have balanced line level input via phoenix connector and a summing unbalanced RCA input. The amplifier shall also feature removable level controls, status LEDs, and a global (100VAC-240VAC) power supply. Dimensions shall be 1.75" (44mm) H x 8.5" (216mm) W x 7.81" (198mm) D with a weight of 2.9lbs (1.32 kg).