



MA40G/MA60G

Global Commercial Mixer Amplifiers



Features

- MA40G - 40W into 70.7/100V
- MA60G - 60W into 70.7/100V
- One Balanced Mic/Line/Tel Input w/ Phantom Power
- 2 Unbalanced, Summing Line Level Inputs
- Variable VOX Mute Sensitivity Control for Input 1
- Contact Closure Mute Terminals
- Global Power Supply, 100VAC-240VAC ~ 50/60Hz
- Removable Level Controls with Set It and Forget It Security Cover
- Compact 1RU, 1/2 Rack
- Optional Rack Mount Kit

General Description

Small and compact, and engineered for reliability, the Atlas Sound MA40G and MA60G amplifiers are the perfect choice for distributed business paging and background music (BGM) systems, and small to medium speech privacy systems. They provide 40W (MA40G) or 60W (MA60G) into a 70.7V/100V line and each have three total inputs including a balanced mic/line input featuring phantom power and variable mute sensitivity control as well as two unbalanced, summing line level inputs. Additional features include Removable Level Controls with set it and forget it security cover, contact closure mute terminals, and a global (100VAC-240VAC) power supply. The MA 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.

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Specifications

Power Output

MA40G 40W @ 70.7V (125Ω), 40W @ 100V (250Ω)
MA60G 60W @ 70.7V (83Ω), 60W @ 100V (166Ω)

Frequency Response

50Hz - 20kHz

THD+N

0.5% or Less @ 1kHz, Rated Output

Sensitivity

Input 1 Mic = .316~3.16mV (-50 ~ -30dBV)
Line Input 500mV (600Ω)
Inputs 2/3 RCA 500mV (10kΩ)

Output Regulation

Less Than 2dB, No Load to Full Load

Signal to Noise Ratio

Mic = >55dB
Line = >55dB
Input 2/3 = >55dB

Indicators

Power, Signal, Limit

Power Consumption

MA40G
Idle 8 Watts, 0.075A, 27 BTU
Average 24 Watts, 0.26A, 81 BTU
Max 71 Watts, 0.8A, 242 BTU

MA60G
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

MA40G T630mA
MA60G T1A

Architect & Engineer Specifications

The mixer amplifier shall be Atlas Sound _____ (MA40G, MA60G, or approved equal). They shall provide either 40W (MA40G) or 60W (MA60G) into a 70.7V/100V line. Each unit shall have three total inputs; one (1) a balanced mic/line input via phoenix style connector that features phantom power and variable mute sensitivity control, and two (2) unbalanced, summing line level inputs via stereo RCA connectors. The amplifier shall also feature removable level controls, contact closure mute terminals, 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).