

Complex Problems

I need an easy way to add local amplification to a projector system.

The solution must be theft resistant and easy to install.

Reliability is key – I do not want to make post installation service calls.

Atlas Solutions

Pole Mount Amplifiers from Atlas Sound

- The PA702 and PA1001G from Atlas Sound include features perfectly suited for installation with projection systems.
- Innovative, patent pending through chassis pole mounting system makes installation trouble-free and keeps the amplifier secure.
- Proven amplifier design to provide years of trouble free operation.



Ask your Atlas Representative for details and discover how the simple solution is the Atlas Solution!



Atlas Sound Accepts the Challenge for a Better Pole Mounted Projector Amplifier Solution

PA702

- Includes Feature Sets Perfectly Suited for Projection Systems
- Innovative, Patent Pending Through Chassis Pole Mounting System Simplifies Installation and Secures the Amplifier
- Proven Bash™ Class A/B Amplifier Design Provides Years of Trouble Free Operation
- 2 X 70 Watts @ 8 Ω
- AC Current Sense & Audio Sense Turn-On
- Balanced or Unbalanced Inputs
- UL Listed 60065
- RoHS Compliant
- Available in Black or White Finish

The PA702 pole-mount amplifier system from Atlas Sound provides an innovative solution for display systems that require local sound reinforcement.

Since the first projector was pole mounted in a ceiling, there has been a real quandary about how to best provide local amplification. The PA702 pole mount amplifier is a very elegant solution to solve this issue.

The PA702 includes a unique (patent pending) mounting pole installation process via a sealed hole incorporated into the chassis design. Simply install the projector mounting pole, align the amplifier chassis hole with the 1.5" mounting tube, and clamp the unit at the desired height above the projector mount with the innovative pole clamp system included with the PA702. Afterwards, install the projector as normal. As an additional benefit, the chassis "hole" mounting system provides the necessary security to help deter theft.

Output is a strong 70 watts x 2 from the efficient rail tracking Class AB and switch mode power supply technology.

The PA702 includes a host of other innovative features such as an accessory outlet with AC current sense that allows the amplifier to respond instantly from stand-by mode when the projector is powered on remotely. Also featured are separate audio sense turn-on, balanced phoenix style and unbalanced RCA input connections, can be mixed using a recessed level control, front panel status LEDs, and recessed screwdriver adjustable tone and level controls.

The slim profile chassis is also designed to work in a rack mount configuration. An optional rack mount kit, PA702-RMK allows single or dual mounting of the PA702 in a 1 RU high configuration.



Atlas Sound Delivers Another New Pole Mount Amplifier Solution for 2009

PA1001G

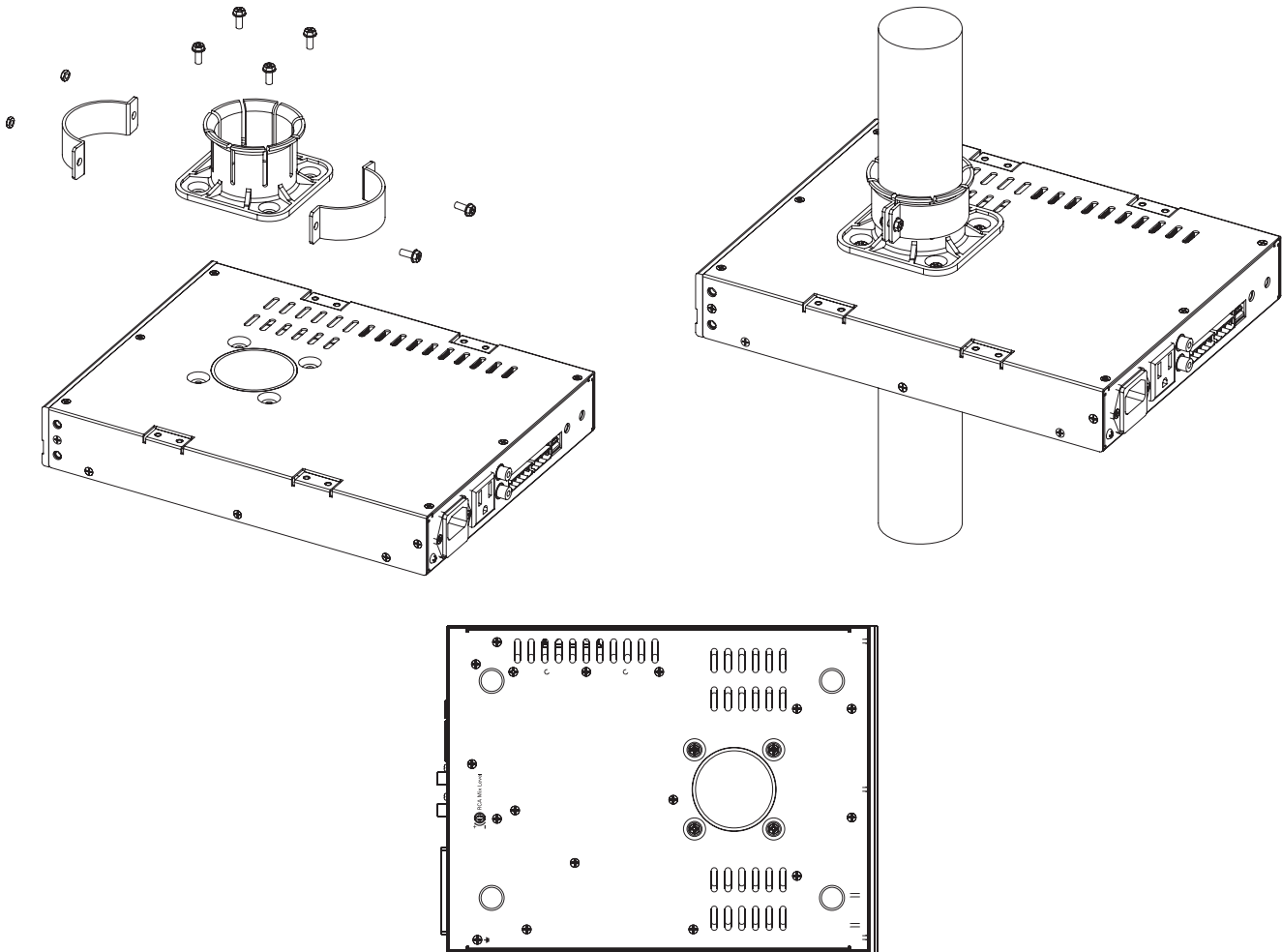
- 100W x 1, 70V / 100V Compact Power Amplifier
- 1RU Tall By 1/2 Rack Wide
- Ultra Efficient Amplification Technology, Convection Cooled
- Patent Pending, Through Chassis Mounting System For Use With Pole Mounted Projector Systems
- Energy Efficient, Only 16 Watts Draw In Sleep Mode
- Current Sense Auto Turn-On
- Audio Sense Auto Turn-On
- Balanced Inputs Via Phoenix Connector
- Unbalanced Inputs Via RCA Connectors (Summed), With Separate Level Controls
- Mix Function For Two Source Input
- Unbalanced Parallel Combine
- Screwdriver Adjust Level And Tone Controls
- Rack Mountable, Single Unit or Dual Units
- VCA Port For Master Level Line Out With Pre or Post VCA
- Accessory Outlet with Surge Protection and AC Fault Indicator
- Multi Voltage Power Supply Allows for Worldwide Operation

The Atlas Sound PA1001G amplifier can be used for a number of applications. This amplifier features an ultra compact design requiring only 1RU in height and ½ rack wide in space. The 100W into a 70V or 100V distributed system gives the power to meet most amplifier demands. The patent pending through hole chassis design makes it convenient to use with ceiling mounted video projectors. One or two units can be rack mounted also allowing it to be used in more traditional applications. Remote turn on is easily accomplished by either audio or AC trigger sensors. If focused power is required, an optional Hi-pass filter is incorporated. Master remote level control is easily done via an external 10k potentiometer and a line out makes it easy to daisy chain amplifiers. The PA1001G can be used in many ways ranging from boardroom, restaurant, commercial paging and back ground music applications.

The PA1001G has incorporated a mixer function that allows you connect two different sources to the amp. The summed RCA unbalanced inputs and the balanced input are electrically summed together and are electrically isolated from each other. RCA inputs level control are Pre the front panel master controls. This allows you to feed a balanced signal from one source and apply a second source signal to the unbalanced RCA input and mix the levels via the RCA level on the bottom of the amp. Then you can adjust the overall system level via the Front panel Master level. A common application would be to feed a wireless microphone's output signal to the balanced input and feed a CD or computer audio output to the RCA unbalanced input. Adjust the RCA input level to the microphone level until you achieved the balanced you need and then adjust the master level to the room.



Installation and Specifications



PA702

Power Output	Frequency Response	Input Sensitivity	Input Impedance	AC Turn On Trigger	Power Requirements	Dimensions
70 watts RMS per channel @ 8Ω	30Hz – 20kHz No Hi-Pass Filter 100Hz – 20kHz Hi-Pass Engaged	250mV RCA Unbalanced 250mV Balanced	10kΩ RCA Unbalanced 20kΩ Balanced	1mA – 350mA	120VAC, 60Hz	Height: 1RU (1.75") Width: 8.5" (216 mm) Depth: 13.5" (343 mm)

PA1001G

Power Output	Frequency Response	Input Sensitivity	Input Impedance	AC Turn On Trigger	Power Requirements	Dimensions
100 watts RMS @ 70V into 50Ω 100 watts RMS @ 100V into 100 Ω	30Hz – 20kHz No Hi-Pass Filter 100Hz – 20kHz Hi-Pass Engaged	50mV - 320mV RCA Unbalanced 320mV Balanced	10kΩ RCA Unbalanced 20kΩ Balanced	100mA	120V-240VAC, 50/60Hz	Height: 1RU (1.75") Width: 8.5" (216 mm) Depth: 13.5" (343 mm)



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