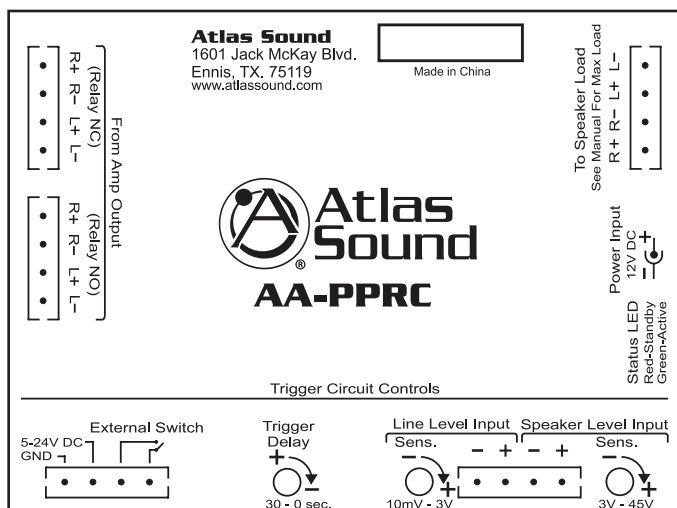




AA-PPRC

Priority Paging Remote Controller



AA-PPRC

Applications

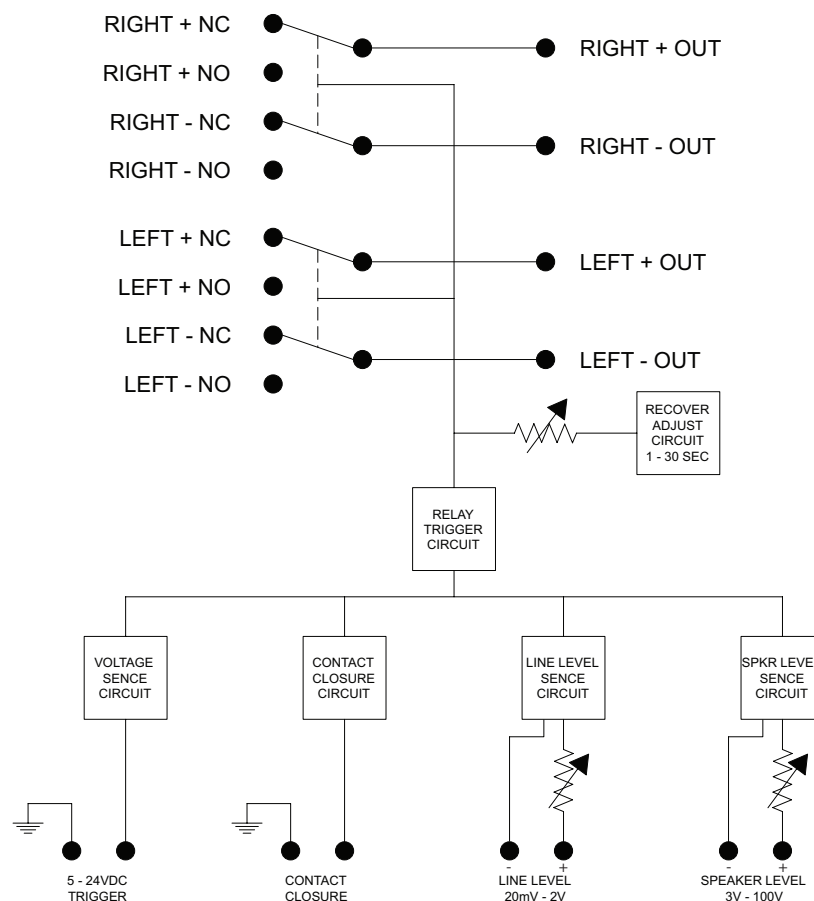
The Atlas Sound Priority Pager Relay Controller is a two input by two output speaker level relay switcher. The AA-PPRC is designed to be placed between an amplifier's output and the speaker load. It can be used with 70.7V or low impedance systems.

Each channel can handle up to 350 watts. Placement of the relay controller is not critical because the systems switching can be triggered from a variety of sources. Both High Level and Line Level signals can trigger the relay control circuit as well as a wide range of DC voltages.

Contact closer terminals have also been incorporated for your convenience. Relay release can also be adjusted allowing for proper paging override tuning. The AA-PPRC can be used in variety of installs such as board room applications where an audio presentation system needs to be muted so the page can be heard. The presentation system will resume when the page has completed. It is also ideal for zone paging management for new or existing systems.

Features

- Speaker Line Remote Switcher
- 2 Channel
- 350 W @ 70.7V Per Channel (See Power Chart for Other Load Ratings)
- Audio High Level Trigger Sense With Threshold Adjust 3V - 45V
- Audio Line Level Trigger Sense With Threshold Adjust 20mV - 2V
- DC Trigger 5V - 24V
- Contact Closure Trigger
- Relay Trigger Threshold Adjust
- Relay Recover Adjustment 1 - 30 Seconds
- 12VDC UL Power Supply (Included)
- Phoenix Type I/O Connectors
- Metal Housing
- Finish Black with White Lettering
- Compact Size H 1.5" x W 4" x L 4.5" (H 38.1 mm x W 101.6 mm x L 114.3 mm)



Architect and Engineer Specifications

The Priority Control Relay Paging Controller shall be Atlas Sound Model AA-PPR or approved equal. It shall include a 12VDC external power supply. Unit shall be wired and ready for mounting and deployment. The Controller shall utilize user selectable triggers to energize the switching functions. Included relay functions to switch are normally open and normally closed modes for the externally switched dual (two) channel amplifier (not included). Power handling is 350 watts per channel. Individual sensitivity controls- line level (20mV - 3V), speaker Level (3V - 45V), external voltage trigger (5 - 24VDC) or contact closure will allow the Priority Control Relay Paging Controller to be controlled by a variety of input triggers. Unit shall also have a variable recovery adjust circuit that can be adjusted from 1 - 30 seconds (user selectable). Two color LED shall indicate operational status Red – Standby Mode, Green – Active Mode.

The unit's inputs and outputs shall be terminated at plug in phoenix style screw terminals for easy access.

The chassis shall be constructed of 18-gauge CRS. Models shall include a silk-screened termination diagram.

AA-PPRC LOAD RATING 5A Max Per Channel		
Load	Watts	Amps
100V (20 Ω)	500 W	5 Amps
70V (14 Ω)	350 W	5 Amps
25V (5 Ω)	125 W	5 Amps
8 Ω	200 W	5 Amps
4 Ω	100 W	5 Amps
2 Ω	50 W	5 Amps