Complex Problems

I need a compact device that can temporarily mute local audio for an incomving page.

The device needs to be easily deployed in both new and existing classrooms, boardrooms, healthcare centers, and hotels.

The solution needs to be easy to connect and configure.

Atlas Solutions

Priority Page Relay Controller from Atlas Sound

- AA-PPRC senses speaker or line level sources to activate an internal relay system for muting or switching applications.

- Perfect for zone paging management in new or existing systems, the AA-PPRC comes with its own 12VDC external power supply and is ready for immediate mounting and use.

- Utilizing standard phoenix input / output connections, multiple event triggers, activity LED, and a selectable recovery circuit makes setup effortless.

AA-PPRC

THE TEAM
Atlas Sound

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

Atlas Sound

VARIZONE
DIGITAL PUBLIC ADDRESS SYSTEM

ISO9001
-CERTIFIED-
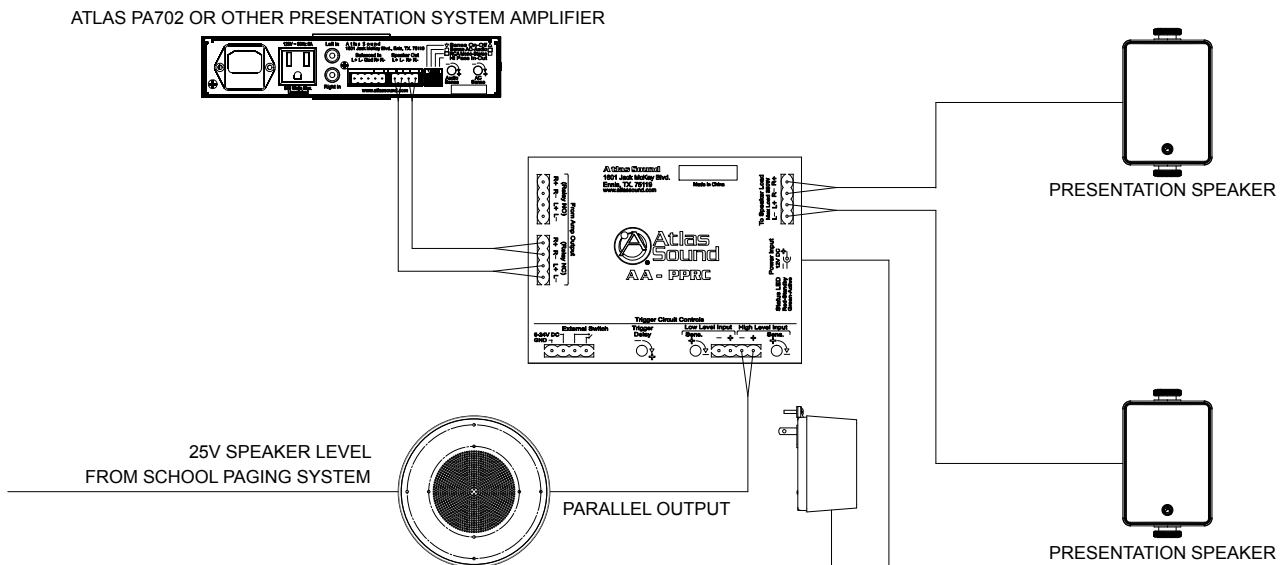
UL

Priority Page Relay Controller

Features

- Two In by Two Out Priority Page Relay Controller
- Normally Open and Normally Closed Relay Outputs
- Power rating of 350 W / Channel @ 70.7V
- High Level Audio Trigger Input (3V – 45V)
- Line Level Audio Trigger Input (10mV – 3V)
- DC Trigger Input (5V – 24V)
- Contact Closure Trigger Input
- Relay Recover Adjustment 1 - 30 Seconds
- Phoenix Type I/O Connectors
- Durable, Compact Black Metal Housing
- Dimensions: Height: 1.5" (38 mm), Width: 4" (114 mm), Length: 4.5" (114 mm)
- 12VDC UL Listed Power Supply (Included)

The AA-PPRC Priority Page Relay Controller is a two-input, by two-output speaker level switch system rated at 350 watts per channel. Inserting unit into the signal path between an amplifier's output and the speaker load allows system muting based upon a variety of external trigger sources including speaker level audio (3V to 45V), line level audio (10mV to 3V), external contact closure or 5 to 24 volts DC.

AA-PPRC Load Rating
5A Max Per Channel

Load	Watts	Amps
100v (20 Ohm)	500w	5A
70v (14 ohm)	350w	5A
25v (5 Ohm)	125w	5A
8 Ohm	200w	5A
4 Ohm	100w	5A
2 Ohm	50w	5A

AA-PPRC – Back View

A typical classroom installation would utilize the AA-PPRC inserted between the presentation system amplifier and loudspeakers with a trigger input from the school's 25V paging / intercom system loudspeaker located in the same classroom. When a page occurs the presentation system will be muted for the duration of the announcement and will resume when the page is complete. Other applications include zone page management for new or existing systems and priority switching of line-level audio sources. Release time of the relay control is variable from 0 to 30 seconds.

Typical Classroom Installation

ATLAS PA702 OR OTHER PRESENTATION SYSTEM AMPLIFIER

PRESENTATION SPEAKER

PRESENTATION SPEAKER

25V SPEAKER LEVEL FROM SCHOOL PAGING SYSTEM

PARALLEL OUTPUT

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