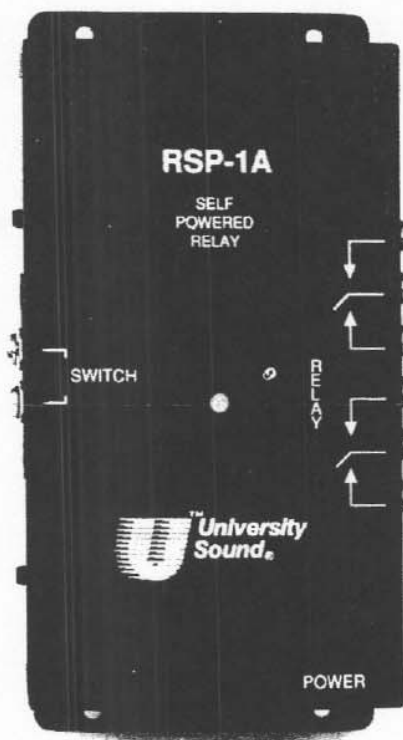




RSP-1A

**Selective
Paging Relay**



Product Data

- Provides selective, priority, or zone paging
- Contact closure triggering
- DPDT relay has precious metal contacts rated at 4 amps
- Arc-suppression diode reduces contact erosion
- Wall-mountable steel enclosure
- 24 VDC powered from 120 VAC adaptor (included)

Specifications:

Relay: Double Pole Double Throw, 4 amp rating

Activation: Contact closure

Input/Output Connections: Screw terminals

Size: 1.25"x3"x6.125" (3.18x7.62x15.56cm)

Weight: 10 oz. (0.28 kg)

Power Supply: 24 VDC, 35 mA

Description

The University Sound Model RSP-1A is a selective paging relay that employs a Double Pole Double Throw relay with contacts rated at four amps. Long life and high reliability are assured by the use of precious metal relay contacts and a relay enclosure. The unit is activated by simple contact closure, and can be used in different configurations to provide selective, priority, or zone paging. With its high relay current rating, the RSP-1A is also suitable for most signal and power switching applications. Use of an arc suppression diode across the 25 milliampere high-sensitivity, low-current DC relay coil reduces

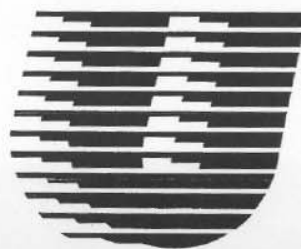
wear on the actuating switch contacts ordinarily caused by inductive kickback voltage. This feature also eliminates annoying pops and clicks in the output when the relay is tripped.

All input and output connections to the unit are made on screw terminals. The unit can be powered from any 24 VDC source that supplies 35 mA or more, or from the 120 VAC to 24 VDC plug-in adaptor included with the unit. The enclosure is a sturdy steel box with flanges on two sides for convenient wall-mounting.

Architect's and Engineer's Specifications

The unit shall be the University Sound Model RSP-1A, and shall be a contact closure activated relay capable of handling four amperes of current. The relay shall be a DPDT relay with precious metal contacts and a protective enclosure. The unit shall use a arc suppression diode to reduce switch contact wear and isolate the relay poles from activation noise. All connections to the unit

shall be made on screw terminals. The RSP-1A enclosure shall be a steel, wall-mountable box. The unit shall be powered from a 24 VDC 35 mA power supply, which can be the 120 VAC to 24 VDC adaptor included with the unit. The University Sound Model RSP-1A has been specified.



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