



Model 3000R-164 Stereo A/V Switch Instruction Sheet



Installation

1. Connect the **Comm** outputs on the **R164** to your equipment's inputs.
2. Connect your primary audio/video signal sources to the **NC** inputs on the **R164**.
3. Connect your secondary audio/video signal sources to the **NO** inputs on the **R164**.
4. Plug the Monroe Model **427-2** connector into the power jack on the rear of the unit.
5. A TTL level control signal or a dry contact across **GND** and relay **Set** will change the output from the primary to the secondary.

Relay Connection:

Connect the normally open (NO) contact to **Set**.
Connect the relay common (COM) contact to **GND**.

Open Collector:

Connect your transistor's collector to **Set** and the transistor's emitter to **GND**.

Operation

The **R164**'s primary (**NC**) inputs are normally connected to the common (**Comm**) outputs. It remains in this state until the **Set** input is connected to **GND**. This will connect the secondary input to common for the duration of the connection.

*The **RESET** connection is not utilized in this unit.*

Specifications

Video

75Ω ; 'BNC' connectors

Audio

Balanced stereo; screw terminals; >90 dB isolation

Isolation

@ 5 MHz > 90 dB
@450 MHz > 58 dB

Return Loss

> 35 dB

Control Input

10 mA maximum to GND.

Power Requirement

117VAC ±10%, 60 Hz.
Input to:
Power pack (**427-2**)output; +12 VDC

Physical

1.75"H x 19"W x 4"D

