

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. Connect power pack wires to the 2-position terminal block plug provided, **WH** is **+**, **BK** is **GND** then plug onto header at 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.

Refer to the connection diagram on the next page.

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

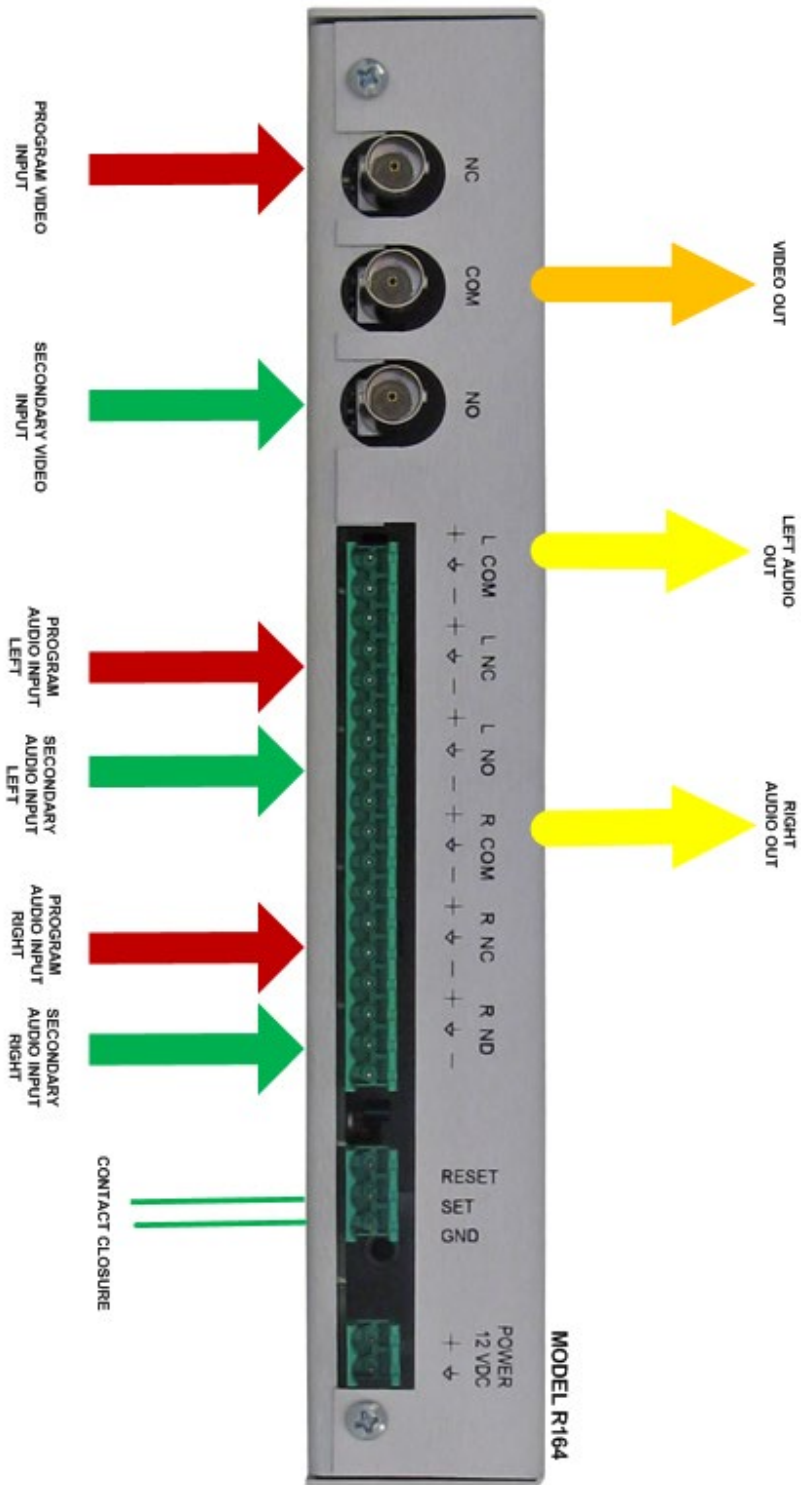
10 mA maximum to GND.

Power Requirement

Input: 100-240 VAC ± 2%,
50/60 Hz.
Output; +12 VDC

Physical

1.75"H x 19"W x 4"D



R164 CONNECTION DIAGRAM

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Materials returned to Digital Alert Systems must have a Return Material Authorization number. To obtain a RMA number, contact our A/V Switching & Control Customer Service at 585-765-2254 or e mail to support@digitalalertsistemas.com, or fax 585-765-9330. Customers have 30 days to determine that the product ordered fills their need and performs as described in the applicable literature. Units returned for approved repair or credit, must be in the original packaging including all parts and paperwork plus be in very good physical condition. If not, the customer is billed the cost to refurbish the unit and for missing accessories and merchandise. No products may be returned for exchange or credit after 12 months of the shipment date. Digital Alert Systems reserves the right to repair or replace units under warranty.