



# Stereo A/V and IF/RF Relay Panel

model  
**R165**

## Specifications

**Control Inputs:** Contact closure to ground

**Absolute Maximum Input Voltage:**  
5 VDC

**Min Logical High Input Voltage:**  
3.5 VDC

**Max Logical Low Input Voltage:**  
1.5 VDC

**Max Sink Capability:**  
2.4 mA

**Power Requirement for External Power Supply:**  
100-240 VAC  $\pm$  2 %, 50/60 Hz

**Physical:**  
19" W X 3.5" H X 4" D  
Weight: 3 lbs

## Features

- **Balanced Stereo A/V and IF/RF to 950 MHz**
- **Low Power Control Inputs**
- **Front Panel Status Indicators**
- **All Interconnections made at Rear Panel**
- **Screw Terminals for Stereo Audio**
- **BNC connectors for Video (or IF/RF)**
- **Contact Closure or SWITCHWARE® software for activation.**
- **Up to 32 devices may be controlled by one PC or clone. Software runs in DOS or in DOS Window.**



## Applications

- **Non-Duplication Switching**
- **Blackout Switching**
- **Routing Switching**
- **Up to 5 x 1 Matrix Switching**

## Description

The Model R-165 Audio/Video Relay Panel provides four, independent 2 x 1 (A/B) balanced stereo audio follow video relay switches. The switches are controlled by Monroe Electronics' program timers, remote controls or CATV Cue Tone® receivers via contact closures or logic inputs.

They may also be controlled individually or as groups from 1 to 32, via an RS-485 interface.

SWITCHWARE®, an optional PC based software, is available for this purpose, and allows up to 32 panels to be controlled. Each video relay will also function as a high quality IF/RF 2 X 1 (A/B) switch, with frequency response to 950 MHz.

800-821-6001  
585-765-2254 | fax 585-765-9330  
100 HouseI Ave. | Lyndonville | NY | 14098

[www.monroe-electronics.com](http://www.monroe-electronics.com)

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