



# Vertical Interval Switch

model  
**R176**

## Specifications

**Isolation:**

>50 dBmV @ 20 MHz

**Frequency Response:**

±2 dBmV 0 to 50 MHz

**Control Input:**

1 mA maximum to ground

**Stereo Audio:**

DPDT with screw terminals

**Power Requirements:**

117VAC ±10%, 50/60 Hz  
(240 VAC available)

**Physical:**

19.0" W x 1.75" H x 6" D

**Weight:**

2 lbs

## Features

- **Video Switch works from 0 to 20 MHz**
- **Small Size**
- **'BNC' Connectors**
- **Unused video terminated in 75Ω**
- **Includes power pack**
- **Standard 19 inch rack size**
- **Screw terminal inputs for control and DTMF™ inputs**



## Description

Monroe Electronics' Model R176 Stereo Audio/Video Switch provides 2x1 (AB) balanced stereo audio follow video switching during the vertical blanking interval.

The 2x1 switch will respond to a contact closure, a transistor switch to ground or a compatible logic level. The control input is buffered to eliminate high output current drive requirements of the controlling device.

The switch requires a valid video signal on the primary input to switch.

The unit also has an input for -20 to +3 dBmV DTMF® commands for switching the A/V inputs. The code sequence may be entered using a standard Touch Tone® telephone during setup, and is stored in non-volatile RAM.

The video output from the switch is buffered to drive 75Ω cable. The Baseband stereo audio is switched via dry contact relays.

The Model R176 can be controlled by Monroe Electronics program timers, remote controls or CATV Cue Tone® receivers.

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