



# Stereo A/V Switch Module

model  
617B

## Specifications

**Video Termination:**

75  $\Omega$

**Video Input Level:**

2 V p-p maximum

**Video Gain:**

Unity;  $\pm 25\%$

**Frequency Response:**

0.05 dBmV to 5 MHz.

0.50 dBmV to 10 MHz.

0.75 dBmV to 20 MHz.

**Video Crosstalk:**

- 80 dBmV to 10 MHz.

- 70 dBmV to 20 MHz.

**Vertical Interval:**

> 0.25 V p-p signal referenced to output signal

**Audio Input Impedance:**

600  $\Omega$  balanced

**Audio Output:**

600  $\Omega$  balanced

**Audio Input Level:**

$\pm 18$  dBmV maximum

**Audio Output Level:**

+ 10 dBmV maximum

**Frequency Response:**

$\pm 0.25$  dBmV @ 20 Hz - 20 KHz

**Audio Gain:**

Unity;  $\pm 0.5$  dBmV

**THD:**

0.2 %

**Hum and Noise:**

- 90 dBmV below + 10 dB output

**All Off Isolation:**

- 48 dBmV @ 18 V p-p

**Off Ch. Isolation:**

- 80 dBmV 2x1 switch

**Stereo Ch. Isolation:**

- 60 dBmV

**Audio Connector:**

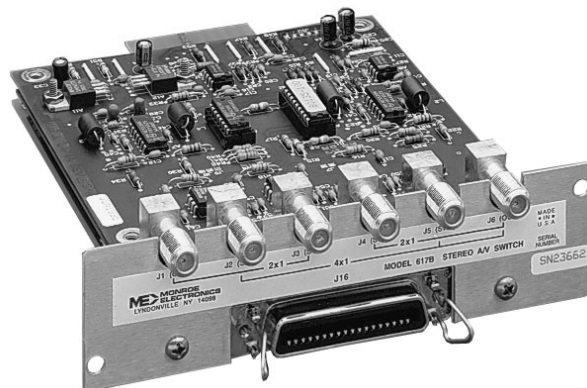
36 pin Centronics

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## Description

The 617B is a state-of-the-art stereo audio/vertical interval video switch used with the R-149 Program Timer or the R-150A expansion unit.

The 617B is field selectable for 4x1 matrix switching or dual 2x1 switching. Each switch group may be enabled, or disabled, for vertical interval switching.