



## Model 624B Video Sensor Instruction Sheet

### Installation

1. To the primary input, connect the A/V source to be monitor-ed for loss of horizontal sync pulses.
2. Connect the A/V source for alternate feed, to the secondary inputs.
3. Connect the 624B's A/V common outputs to your equipment's' inputs.
4. Connect the WH wire of the included power supply to +12 v on the 624B, and the BK wire to Gnd.

Audio signal phasing is indicated in the above graphic by the + and – symbols at the input and output points.

### Operation

The 624B detection circuit monitors the loss of horizontal sync pulses on the primary video input. It will automatically switch to the secondary video input upon loss of sync pulses. It will remain in this state until the primary video returns, causing the 624A to switch back to the primary video input.

The ExS connection provides a short to ground whenever switch in the SECONDARY input position. This switch closes during loss of video.

The MS connection, when shorted to ground, forces the switch to change state – as if the primary video had failed – to allow installation tests.

### Specifications

#### Video

75 $\Omega$  ; 'F' connectors

#### Audio

Balanced Stereo; screw terminals

#### Gain Input to Output

1:1

#### Isolation @ 5 MHz

> 90 dBmV

#### Return Loss

> 35 dBmV

#### Power Requirement

Input: 100-240 VAC  $\pm$ 2%, 50/60Hz.  
Output: 12VDC

#### Physical

5.25"H x 2.75"W x 2"D

Design and specifications are subject to change without notice.

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