



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

75Ω ; '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 ±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.

P/N 1340205 061109

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This warranty does not apply to instruments or sub-assemblies subjected to abuse, abnormal operating conditions, or unauthorized repair or modification.

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Return authorization is required for factory repair work. Material being returned to the factory for repair must have a *Return Material Authorization* number. To obtain an RMA number, call 585-765-2254 and ask for Customer Service.

Material returned to the factory for warranty repair should be accompanied by a copy of a dated invoice or bill of sale, which serves as a proof of purchase for the material. Serial numbers and date codes on our products also serve to determine warranty status. Removal of these labels or tags may result in voiding a product's warranty.

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FACTORY REPAIRS TO MODIFIED EQUIPMENT:

Material returned to the factory for repair that has been modified will not be tested unless the nature and purpose of the modification is understood by us and does not render the equipment untestable at our repair

facility. We will reserve the right to deny service to any modified equipment returned to the factory for repair regardless of the warranty status of the equipment.