



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 624B 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

WARRANTY

Digital Alert Systems, Inc. warrants to the owners, each instrument and sub-assembly manufactured by them to be free from defects in material and workmanship for a period of one year after shipment from factory. This warranty is applicable to the original purchaser only.

Liability under this warranty is limited to service, adjustment or replacement of defective parts (other than fuses or batteries) on any instrument or sub-assembly returned to the factory for this purpose, transportation charges prepaid.

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

Since Digital Alert Systems, Inc. has no control over conditions of use, no warranty is made, or implied as to the suitability of our product for the customer's intended use.

THE WARRANTY SET FORTH IN THIS ARTICLE IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES AND REPRESENTATIONS, EXPRESS, IMPLIED OR STATUTORY INCLUDING, BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. Except for obligations expressly undertaken by Digital Alert Systems, in this warranty, Owner hereby waives and releases all rights, claims and remedies with respect to any and all warranties, express, implied or statutory (including without limitation, the implied warranties of merchantability and fitness), and including but without being limited to any obligation of Digital Alert Systems with respect to incidental or consequential damages, or damages for loss of use. No agreement or understanding varying or extending the warranty will be binding upon Digital Alert Systems unless in writing signed by a duly authorized representative of Digital Alert Systems.

In the event of a breach of the foregoing warranty, the liability of Digital Alert Systems shall be limited to repairing or replacing the non-conforming goods and/or defective work, and in accordance with the foregoing, Digital Alert Systems shall not be liable for any other damages, either direct or consequential.

RETURN POLICIES AND PROCEDURES FOR FACTORY REPAIR

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.

Repairs will be returned promptly. Repairs are normally returned to the customer by UPS within 10 to 15 working days after receipt by Digital Alert Systems, Inc. Return (to the customer) UPS charges will be paid by Digital Alert Systems on warranty work. Return (to the customer) UPS charges will be prepaid and added to invoice for out-of-warranty repair work.

RETURN OF REPAIRED ITEMS:

Factory repairs will be returned to the customer by the customer's choice of FedEx, DHL or UPS. Warranty repairs will be returned via UPS ground. The customer may request accelerated shipping via the previous mentioned carriers for both warranty and non-warranty repairs. **NOTE:** Accelerated transportation expenses for all factory repairs will always be at the expense of the customer despite the warranty status of the equipment.

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.