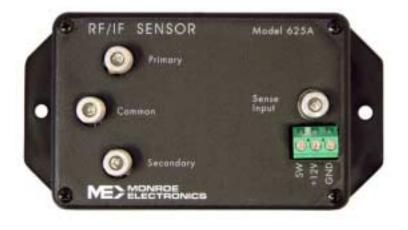
100 Housel Ave. | P.O. Box 535 | Lyndonville | NY | 14098

800-821-6001 585-765-2254 | fax 585-765-9330 www.monroe-electronics.com



# **Model 625A RF Sensor Instruction Sheet**

## Installation

- The Sensing Input signal <u>must</u> be a single TV video modu-lated signal with a maximum signal level of +15 dBmV. Use an external bandpass filter and/or pad for multiple channel feed conditions and levels that exceed +15 dBmV.
- Connect your single TV video modulated signal to the Sense Input. Make sure the level <u>does</u> <u>not</u> exceed +15 dBmV.
- Connect your primary RF source to the primary input and the alternate RF source to the secondary input. The common output is the RF output of the 625A.
- Attach the White wire of the power supply provided to the +12 VDC input and the Black wire to ground on the 625A.
- 5. Connect the external contacts on the connector and ground as

desired, for switching or alarm signaling.

## Operation

The 625A's sensing circuit monitors the loss of TV video modulated signal. The absence of the modulated signal caused the 625A to automatically switch to the secondary input. It will remain in this state until the modulated signal returns to the sense input causing the 625A to switch back to the primary RF input.

Alarm connection goes to ground through a solid state switch when secondary is active.

### **Specifications**

#### **RF** Isolation

> 60 dB @ 450 MHz. >48 dB @ 950 MHz.

### Safe Sense Input Level

+15 dBmV maximum

#### **Drop-Out Level**

0 dBmV, +0, -3 dB; delay  $\approx$  250 mSec.

#### **Pick-up Level**

0 dBmV, +3, -0 dB; delay  $\approx$  20 mSec.

#### **Power Requirement**

Input: 90-264 VAC  $\pm 2\%,\,47\text{-}63$  Hz Output: 12 VDC

#### Physical

5.25"H x 2.75"W x 2"D

P/N 1340168 (625A/100) 040804

Design and specifications are subject to change without notice

## WARRANTY

Monroe Electronics, 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 Monroe Electronics, 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 Monroe Electronics, 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 Monroe Electronics 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 Monroe Electronics unless in writing signed by a duly authorized representative of Monroe Electronics.

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

## **RETURN POLICY TO FACTORY:**

Materials returned to Monroe must have a Return Material Authorization number. To obtain a RMA number, contact our A/V Switching & Control Customer Service at 585-765-2254 or fax 585-765-9330. Customers have 30 days to determine that the product ordered fills their need and performs as described in Monroe's literature. Units returned for approved repair or credit, must be in the original packaging including all parts and paperwork plus be in very good physical condition. If not, the customer is billed the cost to refurbish the unit and for missing accessories and merchandise. No products may be returned for exchange or credit after 12 months of the shipment date. Monroe reserves the right to repair or replace units under warranty.