

IN3562R 2-In 1-Out VGA Switcher



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The **IN3562R** is an ultra-high resolution VGA switcher designed to select between two computers with VGA / SVGA / XGA graphics cards, routing the selected input to a data display such as a data monitor, presentation monitor, or data projector. The **IN3562R** features 15-Pin HD connectors for inputs and output and connects directly to VGA-type video sources and displays using high resolution coaxial VGA extension cables such as the **IN8000** Series.

Universal Analog Signal Compatibility - While the **IN3562R** is primarily designed for VGA-type video cards and monitors, this switcher actually has 6 discrete signal paths and is capable of switching analog video signals in a variety of sync formats including RGBHV, RGBS, RGSB, and RGBHVS. The **IN3562R** can connect to MAC, SUN, SGI and other high resolution video workstations and displays by using the appropriate input and output adapter / extension cables.

Front Panel Input Selector - Users may select the desired input by pressing the front panel selection button. Each time the button is pressed the unit toggles between Input 1 and Input 2. Front panel LED indicators illuminate to indicate the currently selected input. The non-selected input is terminated into 75 ohms.

Remote Control Capability - The remote port is a 3-pin captive screw terminal on the back panel that allows the switcher to be remotely controlled by any device that is capable of providing a latching contact closure. The remote port also includes a status pin that provides feedback to a control system to indicate the currently selected input. The **IN3562R** may also be controlled by RS-232 control devices by using an **IN6901** RS-232 to contact closure converter.

Cable selection is critical to overall system performance, especially when dealing with very high scan rates and/or long cable lengths. High resolution cables such as the **IN8000 Series** VGA Extension Cables are recommended for all input and output connections.

Monitor Emulation - The **IN3562R** has dip switches that set each input to emulate a VGA color / MAC 13" RGB monitor.

Rugged Rack Mountable Design - The **IN3562R** is housed in a durable metal case which can be rack mounted in a 1U space using the optional **IN9080** rack shelf. Two units may be mounted side-by-side on a single shelf, or a single unit may be rack-mounted using the **IN9080** rack shelf plus an **IN9088** blank panel.

Offering extremely high bandwidth, simple operation, and rugged metal construction, the **IN3562R** is well suited for a wide range of A/V installations, portable presentations and rental applications.

FEATURES

- Allows One Monitor, Data Display or Other Output Device to Share the Signal from Two Video Sources
- 500 MHz Video Bandwidth
- 15-Pin HD Input and Output Connectors - Directly Compatible with VGA, SVGA, XGA, XGA2, UXGA Signals at Any Resolution and Refresh Rate
- Front Panel Channel Selector
- Remote Control Via Contact Closure
- Internal Power Supply
- Rack Mountable in 1U Space Using Optional Rack Shelf
- Durable Metal Case Enclosure

SPECIFICATIONS

INPUTS:

Connectors: Two 15-Pin HD male
Video & Sync.: 5 Vp-p max. Selected channel is passive. Non-selected channel is terminated into 75 ohms

OUTPUT:

Connector: 15-Pin HD female
Video: Passive unit. Output video levels are identical to the input signal

GENERAL:

Bandwidth: 500 MHz @ -3dB
Switching Time: 2.5 mSec typical
Remote Port: 3-Pin Phoenix Brand Connector
Power Supply: Internal 115 / 230 VAC, 50 / 60 Hz (factory set)
Shipping Weight: 4 lbs. / 2 Kg Product Weight: 2.5 lbs. / 1.2 Kg
Dimensions: 1.65" x 6.8" x 4.8" / 4.2cm x 17.3cm x 12.2cm
Optional Accessories: **IN8000 Series** VGA Extension Cables

Regulatory Approvals:

Available in Lengths from 3' to 100' or in Bulk
UL1950, CAN/CSA-22.2 No.950, Third Edition
CE: EN55022 (1987), EN50081-1 (1991),
EN50082-1 (1992 and 1994), EN0950-92