

IN3552R 2-In 1-Out RGBHV Switcher



Tel 714. 921. 4100
Fax 714. 921. 4160



The **IN3552R** is an ultra-high performance 2-input, 1-output RGBHV switcher. The unit allows users to select between two video sources, routing the selected source to an attached video output device such as a data monitor or projector.

RGB Compatibility - The **IN3552R** is specifically designed for analog video signals in the RGBHV or RGBS format. The unit is completely passive, and may also be used with other signal formats including RGsB, RsGsBs, and monochrome high resolution video.

Video / Audio Compatibility The **IN3552R** will also operate with low resolution NTSC / PAL / SECAM sources in the component, Y/C, or composite video formats. Due to the unit's passive design, any of the RGBHV signal paths may be used to carry video signal, sync signal, or even audio.

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 **IN3552R** may also be controlled by RS-232 control devices by using an **IN6901** RS-232 to contact closure converter.

BNC connectors are provided for all input and output connections. Cable selection is critical to overall system performance, especially when dealing with very high scan rates and/or long cable lengths. High resolution RGBHV cables such as the **IN7000-5**, **IN7100-5**, **IN7200-5**, or **IN7300-5 Series** are recommended for all input and output connections.

Rugged Rack Mountable Design - The **IN3552R** 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 high performance, simple operation, and rugged metal construction, the **IN3552R** is the perfect switcher for a wide range of A/V installations and rental applications.

FEATURES

- Allows One Monitor, Data Display or Other Output Device to Share the Signal from Two Video Sources
- Front Panel Switch for Selecting Input 1 or Input 2
- Remote Control via Contact Closure
- 650 MHz Video Bandwidth
- Compatible with RGBHV, RGBS, RGsB, RsGsBs, Component, S-Video and Composite Video Signals
- BNC Input and Output Connectors
- Internal Power Supply
- Rack Mountable in 1U Space Using Optional Rack Shelf
- Durable Metal Case Enclosure

SPECIFICATIONS

INPUTS:

Connectors:
Video & Sync.:

Two Sets of 5 BNC female for RGBHV / RGBS
5 Vp-p max. Selected channel is passive.
Non-selected channels are terminated into 75 ohms

OUTPUT:

Connectors:
Video:

5 BNC female for RGBHV / RGBS
Passive unit. Output video levels are identical to the input signal

GENERAL:

Bandwidth:
Switching Time:
Remote Port:
Power Supply:
Shipping Weight:
Product Weight:
Dimensions:
Optional Accessories:

650 MHz @ -3dB
2.5 mSec typical
3-Pin Phoenix Brand Connector
Internal 115 / 230 VAC, 50 / 60 Hz (factory set)
4 lbs. / 2 Kg
2.5 lbs. / 1.2 Kg
1.65" x 8.5" x 6" / 4.2cm x 21.6cm x 15.2cm
IN7000-5, **IN7100-5**, **IN7200-5**, **IN7300-5** Cables
Available in Lengths from 3' to 250' 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

Regulatory Approvals: