

IN3554/ IN3556 4-In 1-Out / 6-In 1-Out RGBHV Switchers



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FEATURES

- Allows One Monitor, Data Display or Other Output Device to Share the Signal from Four or Six Video Sources
- Front Panel Channel Selection Buttons with LED Indicators
- Optional Wired Remote Control
- 500 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 2.5U Space With Optional Rack Shelf
- Durable Metal Case Enclosure

The **IN3554** and **IN3556** are high performance RGBHV switchers. These units allow users to select between four or six video sources, routing the selected source to an attached video output device such as a data monitor or projector. Both models are identical in function and design, with the only difference being the number of inputs:

The **IN3554** is a 4-Input, 1-Output RGBHV switcher. The **IN3556** is a 6-Input, 1-Output RGBHV switcher.

Passive Design for Wide Compatibility - The **IN3554 / IN3556** switchers route analog video signals in the RGBHV format. These units are completely passive, and may also be used with many other signal formats including RGBS, RGsB, RsGsBs, monochrome high resolution video, as well as NTSC / PAL / SECAM sources in the component, Y/C, or composite video formats.

Front Panel Control - Users select the desired input by pressing a front panel button. Each time a button is pressed, the switcher selects the appropriate input and an LED lights to indicate the currently selected input. All non-selected inputs are terminated into 75 ohms.

A Remote Control Port - (15-Pin D female) is also provided, allowing the switchers to be remotely controlled by any device which is capable of providing momentary or latching contact closures. This port also includes a +5V power supply and tally outputs to provide feedback to a control system.

Wired Remote Control - The **IN3590** remote control provides remote switching capability. This hardwired unit features a 25' cable and duplicates the front panel channel selectors.

Stereo Audio-Follow-Video capability may be achieved using an optional **IN3546** stereo audio switcher in conjunction with the **IN3554 / IN3556**. The **IN3546** attaches to the remote port, receiving both power and switching commands from the attached RGBHV switcher.

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

Two units may be mounted side-by-side in a 2.5U rack space using the optional **IN9081** rack shelf. A single unit may be rack-mounted using the **IN9081** rack shelf and an **IN9086** half-rack blank enclosure.

SPECIFICATIONS

INPUTS:

Connectors:

IN3554 - Four Sets of 5 BNC female for RGBHV

Video & Sync.:

IN3556 - Six Sets of 5 BNC female for RGBHV
5 Vp-p max. Selected channel is passive.
Non-selected channels are terminated into 75 ohms

OUTPUT:

Connectors:

5 BNC female for RGBHV

Video:

Passive units. Output video levels are identical to the input signal

GENERAL:

Bandwidth:

500 MHz @ -3dB

Switching Time:

2.0 mSec typical

Power Supply:

Internal 115 / 230 VAC, 50 / 60 Hz (Selectable)

Power Consumption:

8 watts

Shipping Weight:

7 lbs. / 3.2 Kg Product Weight: 4 lbs. / 1.8 Kg

Dimensions:

4.4" x 8.5" x 5.1" / 11.2cm x 21.6cm x 13.0cm

Optional Accessories:

IN7000-5, **IN7100-5**, **IN7200-5**, **IN7300-5** Cables
Available in Lengths from 3' to 250' or in Bulk
IN3590 Wired Remote, **IN3546R** Stereo Audio
Switcher

Regulatory Approvals:

UL1950, CAN/CSA-22.2 No.950, Third Edition
CE: EN55022 (1987), EN50081-1 (1991),
EN50082-1 (1992 and 1994), EN0950-92