

# IN3546R 6-In 1-Out Stereo Audio Switcher



The **IN3546R** is a 6-input, 1-output stereo audio switcher designed to work in tandem with the **INLINE IN3500 / IN3600 Series** RGB, VGA, and MAC II manual switchers. When input channels are selected on the attached video switcher, the **IN3546R** will automatically switch to the corresponding stereo audio input, adding audio-follow-video capabilities to the RGB, VGA, or MAC II switcher.

**Companion to IN3500 / IN3600 Series** - The **IN3546R** is compatible with the following **INLINE** units:

**IN3526vi** Composite / S-Video Switcher      **IN3504 / IN3506** RGBS Switchers

**IN3563e / IN3564HR / IN3566 HR** VGA Switchers

**IN3666** VGA Switcher      **IN3606 / IN3656** RGBS / RGBHV Switchers

The **IN3546R** receives both power and switching commands from the attached **IN3500 / IN3600 Series** switcher using the **IN9112**, a custom 15-pin control cable which is provided with each unit.

**Stand Alone Configuration** - While the **IN3546R** was designed to work in conjunction with an **IN3500 / IN3600 Series** video switcher, it may also be used as a free-standing stereo audio switcher if the appropriate power and contact closure signals are applied to the 15-pin control port. A single internal jumper sets the **IN3546R** for use with an **IN3500 / IN3600 Series** switcher (+5V power) or stand-alone operation (9 - 12V power).

**Passive Design for Wide Signal Compatibility** - Audio signals are routed passively through the **IN3546R** and the unit will accept virtually any audio signal input level. RCA female jacks are provided for all input and output connections.

**Separate Left and Right Level Controls** are provided for each input channel. This allows for calibration of output levels to compensate for the wide range of audio levels found in A/V equipment. Since the **IN3546R** is passive, the adjustment pots will provide signal attenuation only.

The unit's compact size, high performance, and automatic operation make it easy to integrate stereo audio-follow-video switching into many A/V installations. The **IN3546R** stereo audio switcher is an excellent choice for board rooms, training facilities, multimedia production systems, and any other production or presentation environment requiring audio-follow-video switching capability.

**INLINE**®

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## FEATURES

- Adds Stereo Audio-Follow-Video Switching Capability to **IN3500 / IN3600 Series** RGB Video Switchers
- Automatically Switches to the Appropriate Input When an Input is Selected on the Attached RGB Switcher
- Receives Power from **IN3500 / IN3600 Series** RGB Switcher
- Compatible with Line Level and Mic Level Audio Signals
- Individual Left and Right Audio Level Controls for Each Input
- Durable Metal Case Enclosure

## SPECIFICATIONS

### INPUTS:

Connectors: Six Sets of 2 female RCA  
Signal: Line Level / Mic Level. Selected channel is passive

### OUTPUT:

Connectors: 2 female RCA  
Signal: Passive unit with Gain adjustment  
Gain: 1.0 (unity) to 0.05 (95% amplitude decrease)

### GENERAL:

Frequency Response: 20 Hz to 20 KHz +/- 3dB  
Signal to Noise Ratio: >60 dB  
THD: Less than 0.1% from 20Hz to 20KHz  
Switching Time: 2 mSec typical  
Power Supply: Powered by Inline switcher: +5 VDC  
Powered by external source: 9 - 12 VDC, 200mA

Shipping Weight: 3 lbs. / 1.5 Kg      Product Weight: 1 lb. / .5 Kg  
Dimensions: 1.65" x 8.5" x 6" / 4.2cm x 21.6cm x 15.2cm  
Included Accessories: **IN9112** Control / Power Link Cable, Adjustment Tool

Optional Accessory: **IN9133** Control / Power Link Cable with Loop  
Regulatory Approvals: UL1950, CAN/CSA-22.2 No.950, Third Edition  
CE: EN55022 (1987), EN50081-1 (1991), EN50082-1 (1992 and 1994), EN60950-92