

IN2061 Video Hum Suppressor



The **IN2061** is a high resolution video hum suppressor compatible with virtually any analog or TTL video signal. The **IN2061** has two separate video channels and can be used to remove video hum from 2 separate composite video signals or one S-Video signal. Because of its exceptional bandwidth (390 MHz @ -3dB), the **IN2061** is also compatible with high resolution monochrome video signals at any resolution.

Video Hum - The Problem Defined: A common phenomenon in video display systems, video hum is low frequency noise from the ground lines which has influenced the video signal, causing degradation of the displayed signal. Usually observed as bars rolling vertically through the video image, video hum may also cause video distortion or even tearing of the picture in severe cases. Video hum may be a problem in any system where video sources and display devices are connected to different A/C power sources with varying grounding potentials.

The **IN2062** provides an elegant solution for display systems with video hum problems. Featuring an innovative design which requires no A/C power, the unit provides an exceptional level of hum suppression while delivering video bandwidth of 390 MHz.

The unit is easy to use and install, requiring no adjustment or calibration. Simply connect the **IN2061** in the video display system between the devices with different ground potentials and visible hum will be suppressed. Two units may be mounted side-by-side in a 1U rack space using the optional **IN9080** rack shelf. A single unit may be rack-mounted using the **IN9080** rack shelf and an **IN9088** half-rack blank panel.

Durable, portable, and requiring no A/C power for operation, the **IN2061** hum suppressor is the perfect solution for hum problems occurring in rental and staging systems. Rack mountable and featuring all input and output connections on one side, it is also ideal for permanent installations requiring a high performance video hum suppressor.

INLINE®

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FEATURES

- Effectively Suppresses Video Hum, Removing Visible Effects Caused by Ground Loops
- Compatible with Composite Video and S-Video Signals
- Simple Operation - No Adjustment or Calibration Needed
- No External Power Required
- 390 MHz Video Bandwidth
- BNC Input and Output Connectors
- Durable Metal Case Enclosure
- Rack Mountable in 1U Space with Optional Rack Shelf

SPECIFICATIONS

INPUT:

Connectors: 2 female BNC
Video / Sync: Analog or TTL, 0 to 5 Vp-p

OUTPUT:

Connectors: 2 female BNC
Video Gain: 1.0 (unity)
Hum Rejection: 27 dB @ 60 Hz
Crosstalk: -70 dB @ 100 MHz

GENERAL:

Bandwidth: 390 MHz @ -3dB
Power: No power required
Shipping Weight: 4 lbs. / 2 Kg
Product Weight: 2 lbs. / 0.9 Kg
Dimensions: 1.65" x 6.8" x 4.8" / 4.2cm x 17.3cm x 12.2cm
Optional Accessories: **IN9080:** Rack Shelf - 1 U High
IN9088: Half-Rack Width Blank Panel
Regulatory Approvals: UL1950, CAN/CSA-22.2 No.950, Third Edition
CE: EN55022 (1987), EN50081-1 (1991), EN50082-1 (1992 and 1994), EN60950-92