

AV-PAK™ Series Model AV-HK1X “Hum Killer” Audio Isolation Module

- Ground Isolation in Balanced Line
- Line-Level Ground-Loop Elimination
- Balanced Mono Galvanic Isolation
- Isolation in Rugged Field Case
- Portable or Equipped for Surface Mounting



APPLICATION: The AV-HK1X is a mono transformer isolation module for use with a balanced, low impedance source and either a low or high impedance load. Input and output connections are provided on XLR jacks with gold-plated contacts.

The shield (pin 1) connection of the **INPUT** jack is electrically isolated from the case and from the output ground (pin 1) at audio frequencies. The ground (pin 1) connection of the **OUTPUT** jack is connected to the case shield. The user audio source, such as a mixer, preamplifier or other professional audio product, connects to the AV-HK1X **INPUT**. The module **OUTPUT** should be connected to the input of the grounded amplifier or mixer in the audio system.

Galvanic isolation between the input and output is provided by a studio quality audio transformer. The AV-HK1X breaks the “ground loop” connection that can produce hum in a sound system. The input connector shield does provide a radio frequency ground return, thereby preserving system immunity to radio interference.

The AV-HK1X is a rugged product designed for portable use. Wherever mono ground isolation is required for a balanced audio input, the AV-HK1X is the ideal choice. Use the AV-HK1X with other RDL modules and products to form a complete audio/video system.

AV-PAK™ Series

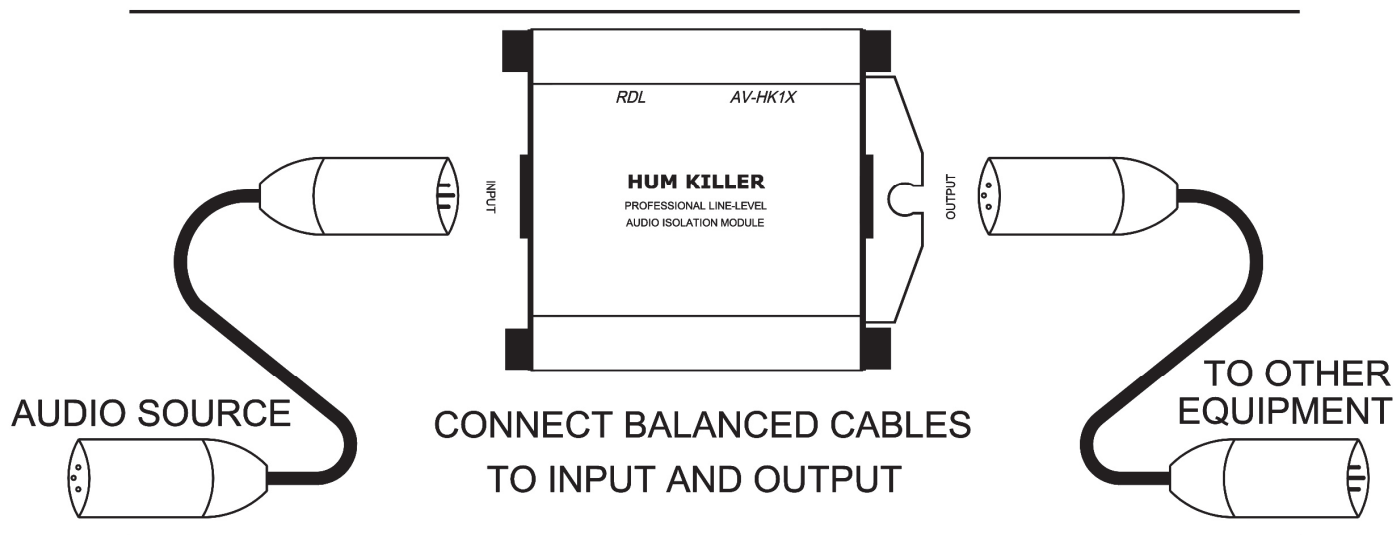
Model AV-HK1X “Hum Killer”

Audio Isolation Module

Installation/Operation



EN55103-1 E1-E5; EN55103-2 E1-E4
Typical Performance reflects product at publication time
exclusive of EMC data, if any, supplied with product.
Specifications are subject to change without notice.



TYPICAL PERFORMANCE:

Input:	+4 dBu nominal
Output:	+4 dBu nominal
Frequency Response:	20 Hz to 50 kHz (+/- 0.1 dB)
THD+N:	<0.15% (20 Hz to 20 kHz; 150 Ω source, 10 kΩ load); 0.002% @ 1 kHz
Dimensions:	Height: 1.95 in. 4.95 cm
	Width: 2.90 in. 7.37 cm
	Length: 3.25 in. 8.26 cm

Safety Instructions/Consignes de sécurité/
Instrucciones de seguridad/Sicherheitshinweise:



EU Importer:
Importateur de l'UE:
Importador de la UE:
EU-Importeur:

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