

# XLR-A600-II Stereo Ground Loop Noise Isolator XLR

Eliminate Hum and Buzz in Your Audio System

Model No.: XLR-A600-II

Version: v1.0

| Stereo Ground loop isolator | Hum Eliminator | Ground Loop Isolator xlr | Hum Destroyer |

The flykantech.com XLR-A600-II is an ideal problem solver for today's AV technicians and audio engineers, providing an easy way to insert an isolation transformer into the signal path to remove hum and buzz from ground loops. Simply connect it between any two line-level devices, such as a mixer and a powered speaker, or a crossover and a power amp. The flykantech.com XLR-A600-II will eliminate ground loop noise without limiting the audio bandwidth or introducing phase shift, and it can handle hot signal levels without distortion.



## Features

- Eliminates hum & buzz caused by ground loops
- Passive, transformer based
- Supports Dual-Channel ( XLR-A600 is Single Channel One.)
- Plug & play easy to use with XLR input & output
- Metal enclosure protects against magnetic fields
- Does not support 48V phantom power microphones

## Applications

- Large Outdoor Performances
- Multimedia Conferences
- Home HIFI Audio Systems
- Entertainment Venues
- Exhibitions

## Specifications

|                    |                              |
|--------------------|------------------------------|
| Audio circuit type | Passive, transformer based   |
| Number of channels | 2                            |
| Frequency Response | 20Hz-20kHz                   |
| Input Impedance    | 600 $\Omega$ - 100K $\Omega$ |
| Output Impedance   | 600 $\Omega$ - 100K $\Omega$ |
| Input Interfaces   | 1 x XLR                      |
| Output Interface   | 1 x XLR                      |
| Power              | Passive, no power required   |
| Dimensions         | 102 x 31 x 25mm              |
| Weight             | Ap. 310g                     |

## Input-Output Connections

| Input XLR | Output XLR |
|-----------|------------|
|           |            |

## What is Ground Loop Noise and what Causes it?

- Radio system draws power from a power system.
- Frequency of oscillation of the powerline and its harmonics
- Radio system connects to an unbalanced speaker system.
- Different voltage exists between two different ground connections of separate electrical devices connected to the same ground system within an enclosed system.
- Magnetic capacitance or inductance on a signal cable
- Power transformer that feeds the circuit

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Fly Kan Tech Co., Limited (HK) | Shenzhen VTOP Electronic Co., Limited(Mainland)  
Tel: +86-755-85288085 Fax: +86-755-85288085 Email: sales@flykantech.com

<https://www.flykantech.com>

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