



SAP-J233

Isolator

The SAP-J233 Isolator is a device to eliminate noises or humming sounds in the sound system that are caused by the environment.

MAIN FEATURES

▲ High-Efficiency Audio Hum and Noise Suppression Technology

Utilizing professional filtering and isolation design, it effectively suppresses hum and environmental noise in audio systems, ensuring pure and noise-free sound in conference, performance, and other scenarios. Especially suitable for high-electromagnetic interference or complex acoustic environments, it restores clear and natural audio experiences.

▲ Dual-Channel Balanced Multifunctional Signal Interface

Equipped with dual-channel balanced signal input/output channels, the input ports feature composite multifunctional COMBO interfaces (compatible with XLR and TRS plugs), supporting mixed access of microphone and line-level signals. This significantly enhances the device's adaptability and flexibility in professional audio systems, meeting multi-scenario signal transmission needs.

▲ Long-Distance Isolated Filtered Transmission Capability

Featuring built-in isolation transformers and filter modules, it supports uncompressed audio signal transmission up to 600 meters while maintaining signal integrity and low noise. No additional relay equipment is required, satisfying long-distance audio transmission needs in large venues, outdoor performances, etc., reducing system complexity and costs.

▲ Easy Installation Plug-and-Play Design

Adopting a passive circuit architecture, it supports hot-swapping and plug-and-play functionality without external power, software drivers, or configuration. The lightweight and compact body with simple installation structure enables rapid deployment in various audio systems, and its 24/7 continuous operation without heat generation ensures remarkable stability and reliability.

SPECIFICATION

AUDIO PARAMETERS

Frequency Response:	20Hz–20kHz ±0.5dBu
THD:	0.002% (20dBu, 1kHz)
Loss Attenuation:	0.03dBu at 600Ω load 0.4dBu at 10kΩ load
Isolation Voltage:	DC 0V–1500V
Signal-to-Noise Ratio (SNR):	142dB
Common-Mode Rejection Ratio (CMRR):	82dB
Channel Separation:	-130dB

MECHANICAL & ENVIRONMENT PROPERTIES

Product Warranty:	2 Years
Product Dimensions:	111(W) × 89(H) × 39(D) mm
Product Weight:	0.288kg

INTERFACES

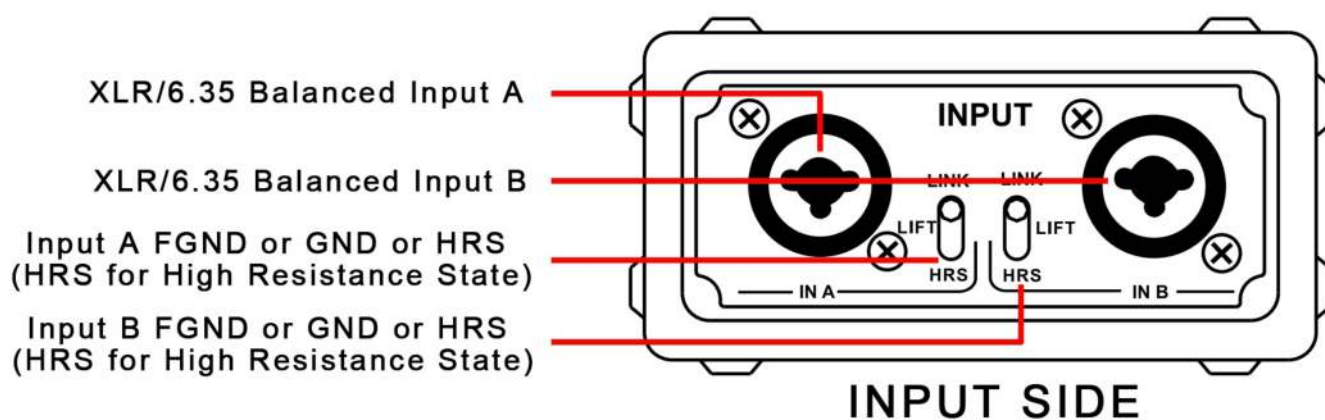
Input Interfaces:	2×Balanced XLR composite multifunctional COMBO interfaces
Output Interfaces:	2×Balanced XLR Cannon outputs

ACCESSORIES

1×Isolator
1×Rubber Cover
1×Quick Installation Guide
1×Warranty & Certification Card

INTERFACE DESCRIPTION

[Input Side]



[Output Side]

