

ADI-C

Application:

Active Sound system Direct interface for:

Guitars

Bass Guitars

Keyboards

Instrument amplifier Preamp Outputs

Description:

How many times have you connected an instrument or instrument preamplifier output to a sound system only to be inundated with noise? Are there also times when a little compression can help the sound of your instrument? The ADI-C can fill these needs by combining an active DI with a high quality dynamics processor. The ADI-C's noise gate helps keep the noise under control without destroying your sound. The soft-knee compressor makes it is easy to keep your level under control and better blend with the rest of the band. The ADI-C input will accept an instrument or instrument preamplifier output, which it converts to a XLR output to the sound system. The ADI-C also has a processed "Local output" for connection to the instrument amp. This allows the musician to hear and take advantage of the dynamics processing the ADI-C provides. When the local output is switched to the unprocessed position, only the XLR output for the sound system will receive the ADI-C's dynamics processing.

The ADI-C can be powered from the mix console using +48V phantom power or from an optional external 15VDC supply when phantom power is not available.

Features:

Active High-impedance Input

Soft-Knee Compressor

Soft-Knee Noise-gate

Local amplifier Output

Local output Processed or Unprocessed switch

Balanced Mic level Output

Ground lift switch

Phantom power or external 15VDC operation (Optional)

Rugged construction

Connections and Controls:

¼" Instrument Input

¼" Local Amplifier Output

Local output Processed or Unprocessed switch

Compressor Threshold control

Compression LED

Noise Gate Threshold

Noise Gate LED

Male XLR Output

Ground Lift Switch

15VDC Input for optional external power operation

Specifications:

Frequency Response:

Flat 20 Hz to 20 kHz

Input Impedance:

220k Ohms

Attenuation XLR:

-17 dB into 2.2k Ohm input

Attenuation 1/4" amplifier output:

0 dB

Noise:

XLR < -105 dBu (22 Hz to 22 kHz BW)

¼" < -89 dBu (22 Hz to 22 kHz BW)

THD + Noise:

< 0.04% at 1 kHz

Power Requirement:

Phantom supply: +48V 5 mA

External supply: +15V 5 mA

Use Peavey 30901986 (Optional)

Dimensions:

1.6 x 4 x 4 inches (H x W x D)

41 x 104 x 104 mm (H x W x D)

Weight:

10 Ounces

0.29 kg