

## ADI-Q

### **Application:**

Active Sound system Direct interface for:

Guitars

Bass Guitars

Instrument amplifier Preamp output

### **Description:**

The ADI-Q combines the features of a phantom-powered active Direct Interface with a 3-band EQ in a compact package. The ADI-Q allows the instrumentalist to control the EQ sent to the sound system and if desired, to their local amplifier. The ADI-Q is especially useful when the musician is not using an instrument amplifier but playing directly through the sound system and monitors. The ADI-Q can also be used as an EQ unit without using the sound system connection by using an external 15VDC supply. This allows the ADI-Q to be used in a guitar stomp box chain or combined with the ADI-C as when both EQ and dynamics are required.

So far we have only discussed the applications. But the EQ is the real story. The sweepable mid EQ control allows precise adjustment over the critical frequency range of most instruments. The high frequency control has an advantage over most standard treble controls. It allows the highs to be boosted without emphasizing the real high harsh sounds. The bass control frequency is set to control the low end without becoming boomy. As always, using EQ to cut offending frequencies is often the most effective approach. The ADI-Q has 10 dB of boost but a full 15 dB of cut.

### **Features:**

Active High impedance Input

Bass Control (Shelving)

Mid Sweep EQ control (Sweepable 120 Hz-4 kHz)

High EQ (Broad bandwidth)

Local amplifier output

Local output Processed or Unprocessed switch

Balanced Mic level output

Ground lift switch

Phantom power or external 15VDC operation (external power supply optional)

Rugged construction

### **Connections and Controls:**

¼" Instrument Input

¼" Local Amplifier Output

Local output Processed or Unprocessed switch

Male XLR Output

Bass control

Mid EQ Level

Mid EQ Frequency

Treble

Ground Lift Switch

Processed/Not processed local output switch  
15VDC Input for optional external power supply

**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

EQ Controls:

Low: +15 / -15 dB @ 80 Hz

Mid: +/- 15 dB @ 120 Hz to 4 kHz

High: +15 / -15 dB @ 10 kHz

Noise: XLR < -104 dBu (22 Hz to 22 kHz BW)

1/4" < -88 dBu (22 Hz to 22 kHz BW)

THD + Noise:

< 0.015% at 1 kHz

Power Requirement:

Phantom supply: +48V 3 mA

External supply: +15V 3 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