



POSITIONING

Samson's MDA1 Mono Active Direct Box combines premium sound circuitry with durable, roadworthy construction, providing high-quality signal connection solutions for live sound and recording studio applications. The MDA1 operates on either batteries or phantom power and allows clean, balanced lines to be sent from your guitars and basses.

FEATURES

Active Operation

The active MDA1 provides an even frequency response on any audio signal you connect to regardless of its output impedance. As such, the MDA1 is ideal for connecting instruments with passive pickups, which have very high impedances, by preserving the top end of the instrument's frequency response. The MDA1's balanced output provides a clean signal that is less susceptible to noise than an unbalanced line, allowing for longer cable runs. In addition, a 2-position 0dB/-15dB attenuation switch lets you adapt the MDA1 to a wide variety of signals.

Thru Jack

The MDA1's Thru jack enables you to tap off the signal from the input and pass the signal to an amplifier or monitor without affecting the original audio. This can eliminate the need for miking guitar amplifiers, which depending on your application may be preferable, especially as more musicians are using in-ear monitors.

Roadworthy Construction

Housed in a 14-gauge steel chassis, the MDA1 is built to withstand the abuse of the most demanding live tours. Its rigid outer shell protects all the MDA1's internal connections, switches and solder joints from failure, ensuring quiet, reliable performance.

APPLICATIONS

- Electric bass guitars
- Electric guitars
- Acoustic-electric guitars

SPECIFICATIONS

Type	Mono active direct box
Frequency Response	18Hz to 35kHz -3dB
Maximum Input.....	+2dBu (9-volt battery)
Gain	+4.8dB
Dynamic Range.....	105dB @ Balanced Output
Noise Floor	-98dB (Pad Off)
Total Harmonic Distortion.....	<0.05% from 18Hz to 35kHz
Input Impedance.....	1MΩ (Pad On or Off)
Output Impedance.....	200Ω
Input PAD Switch	0dB, -15dB
Ground Lift.....	Disconnects XLR pin-1 (Output)
Connectors	1/4" unbalanced (In & Thru), XLR (Balanced Output)
Power Supply	48V phantom power or 9-volt battery
Construction.....	14-gauge steel chassis
Product Weight	1.34lb (611g)
Gift Box Dimensions	5.5" x 4.25" x 2.25" (140mm x 108mm x 57mm)
Gift Box Weight.....	1.49lb (676g)
Master Carton Quantity.....	20
UPC (US only).....	809164018663
SKU (US only).....	SAMDA1