



## POSITIONING

Samson's MD1 Mono Passive Direct Box combines premium sound circuitry with durable, roadworthy construction, providing high-quality signal connection solutions for a variety of live sound and recording applications. The MD1 allows clean, balanced lines to be sent from an unbalanced line or instrument signal to a microphone level balanced input.

## FEATURES

### Custom STL Transformer

The MD1 features Samson's STL transformer that delivers an extended, flat frequency response with ultra-low distortion. The MD1's balanced output provides a clean signal that is less susceptible to noise than an unbalanced line, allowing for longer cable runs.

### Thru Jack

The MD1'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 MD1 is built to withstand the abuse of the most demanding live tours. Its rigid outer shell protects all the MD1's internal connections, switches and solder joints from failure, ensuring quiet, reliable performance.

## APPLICATIONS

- Bass guitars
- Acoustic-electric guitars
- Keyboards
- Electronic drum kits

## SPECIFICATIONS

Type .....	Mono passive direct box
Frequency Response .....	18Hz to 40kHz $\pm 0.1$ dB
Maximum Input .....	+20dBu 0.35% THD
Dynamic Range .....	>100dB @ Balanced Output
Noise Floor .....	-117dB
Total Harmonic Distortion .....	<0.03% from 20Hz to 40kHz
Input Impedance .....	400k $\Omega$
Output Impedance .....	250 $\Omega$ $\pm 20\%$
Transformer .....	Samson STL
Transformer Ratio .....	15:1
Ground Lift .....	Disconnects XLR pin-1 (Output)
Connectors .....	1/4" unbalanced (In & Thru) XLR (Balanced Output)
Construction .....	14-gauge steel chassis
Product Weight .....	1.49lb (680g)
Gift Box Dimensions .....	5.5" x 4.25" x 2.25" (140mm x 108mm x 57mm)
Gift Box Weight .....	1.64lb (744g)
Master Carton Quantity .....	20
UPC (US only) .....	809164018681
SKU (US only) .....	SAMD1