Title :

Kopul SDI-PPC Stereo Multimedia Passive Direct Box

Key Features

- Connect Instruments to Mic Inputs
- Connect PC, Tablet, DJ Mixer to XLR In's
- Convert Unbalanced to Balanced
- Convert High Impedance to Low Impedance
- Isolated Transformers & Aluminum Housing
- Warm & Smooth Sound
- 128 dB of Dynamic Range
- 2 x 1/4" Inputs & 2 x RCA Inputs
- 1 x Stereo 3.5mm Input
- 2 x XLR Outputs

*The **Kopul SDI-PPC** is a stereo, passive DI Box designed to bridge the gap between consumer-level audio sources and pro audio destinations. With this unit, you can route the audio of instruments, smartphones, tablets, receivers, and more into mixing consoles or PA systems.*

On the input side of the SDI-PPC, you'll find two 1/4" TS jacks. These are suitable for instruments such as electric guitars, basses, and keyboards. If you're using only one of the 1/4" inputs, the other can function as a parallel output, allowing you to send the copy of the signal to an amplifier. This usage lets you split a guitar signal during recording, so you have the amped track in addition to a clean, DI'ed take to use during the mixing stage. A 3.5mm input is on hand for playing backing tracks from smartphones, tablets, and other compatible media players. Rounding out the input section are two RCA jacks for turntables, A/V connections, computer soundcards, and more. Two XLR connectors are provided for outputs.

The SDI-PCC makes use of a passive design that employs custom-wound transformers for matching low-impedance sources to high-impedance destinations; thus, you can plug your guitar or stereo backing-track into the input, route the output directly to a mixing console or PA system, and mitigate the noise issues often associated with plugging straight in. These transformers are isolated to eliminate buzz and hum from

ground loops. Furthermore, they help the unit to secure a warm sound that smoothen the frequently-harsh characteristics of audio streaming from digital sources. With 128 dB of dynamic range, you don’t have to worry about high signal levels clipping or distorting, and for extra measure, a -15 dB pad can attenuate levels that are too high for the device. The SDI-PPC features a sturdy aluminum housing suitable for withstanding the rigors of touring life.

Custom-Wound Transformers

The high-performance transformers are custom-wound to meet the needs of converting high-impedance unbalanced signals to low-impedance balanced audio. Thus, signal from many different devices can be connected to the microphone-level inputs of a mixing board, or sent directly to a PA system.

Warm and Natural Response Curve

The transformers are made to withstand extremely high signal levels while maintaining linearity from 20 Hz to 18.5 kHz. The resulting smooth Bessel response curve offers a warm and natural, making these transformers suitable for handling the sometimes-harsh sound of digital sources.

3.5mm Input

Sending audio directly from a tablet or smartphone to a mixing console can sport less-than-optimal results. This 3.5mm input will send audio from a tablet, smartphone, or MP3 player to a mixing board without any of the harsh side effects of plugging straight in, thanks to the custom-wound transformers.

Stereo RCA Connectors

The stereo RCA connectors are suitable for connecting the audio signals from a computer soundcard as well as A/V components such as a turntable and DVD player to a sound system.

Dual 1/4" Connectors

You can use the SDI-PPC as a traditional direct box for electric guitar or bass. Parallel wiring allows you to output the signal from the unused connector to another source, such as a guitar amp. Dual 1/4" connectors also make it possible to connect two instruments to the mixing board at the same time. You can even maintain the stereo

quality of the sounds from keyboards by connecting stereo 1/4" TRS outputs to the SDI-PPC with an insert Y-cable.

-15 dB Attenuation

The -15 dB pad attenuates the signal level from loud sources like an electric guitar or keyboard.

Sturdy Housing

The SDI-PPC's housing is made out of heavy-duty aluminum. It will withstand the shocks and bumps of the road, standing up to use in live applications.

Kopul SDI-PPC Specs

General

Item Type	Standard DI
Number of Channels	2-Channel
Active/Passive	Passive
Circuitry	Solid-State

Preamp

Pad	-15 dB
Ground Lift	Yes
Polarity Reverse	No

EQ & Tone Shaping

Low-Cut/High-Pass Filter	No

Connectivity

Audio I/O	2x 1/4" TS Unbalanced Input 1x Stereo 2RCA Unbalanced Input 1x 1/8" / 3.5 mm TRS Unbalanced Stereo Input 2x XLR 3-Pin Balanced Output

Performance

Frequency Response	20 Hz to 18.5 kHz
Input Impedance	67 Kilohms
Output Impedance	600 Ohms
Signal-to-Noise Ratio	-100 dB

Power

Operating Voltage	No Power Required

Physical

Dimensions	5.7 x 3.4 x 1.5" / 14.5 x 8.7 x 3.8 cm
Weight	14.3 oz / 405.4 g

Packaging Info

Package Weight	1.15 lb
Box Dimensions (LxWxH)	6.9 x 5.8 x 2.9"