

## ▼ Signal Processing

## Passive DI Box

**new**  
for 2019



This direct injection (DI) box is used to convert high impedance unbalanced signals from musical instrument pickups to a low level balanced output. This enables the signal to be transported over long distances without picking up noise or hum. Earth and hum loops are isolated from powered equipment such as keyboards. It can also be configured in reverse to convert a low level balanced signal to a high level unbalanced signal ie: could be used to feed a mic signal into an aux input of an amp or mixer. Low level 600Ω input/output via 3 pin male XLR. Two high level 50kΩ inputs/outputs via 6.35mm jack sockets. For extra versatility an earth lift switch is provided to eliminate hum loops and a signal attenuator switch offering 0dB, -20dB and -40dB settings for optimum system performance. This unit requires no power and is housed in a sturdy steel case. Dimensions: 120W x 76L x 45Dmm.

Price Each	RRP	5+	10+
A 2510A	37.50	33.75	30.00

## Beltpack Phantom Power Supply Module

Powered by 1 AA battery, this module provides phantom power for mics equipped with a 3 pin mini XLR plug. It provides a standard 3 pin XLR output for connection to an amplifier or mixer. Suitable for use with microphone models C 0398, C 7198A, C 8914, C 8911A, C 8912, C 8913B.



Price Each	RRP	2+	4+
C 0358	65.00	60.00	

## Buzz / Hum Isolator Converter

Must have accessory for any active subwoofer installation. This transformer type line isolation unit removes ground loops in sound system hook up paths eg: theatre amp to active subwoofer. This reduces unwanted noise and buzz in the signal. Accepts low level mono or stereo inputs.



Price Each	RRP	2+	4+
C 9555 RCA socket input - RCA plug output	19.95	17.95	15.95
C 9556 3.5mm socket input - 3.5mm plug output	19.95	17.95	15.95

## XLR Isolator Adaptor

A compact XLR adaptor fitted with internal transformer which helps to eliminate hum and earth loops. 50KΩ-600Ω and 600Ω-600Ω switchable.



Price Each	RRP	4+	10+
P 0973 XLR male to XLR female	26.50	24.00	21.50

## High to Low Level Converter

Originally used in car audio systems to convert speaker level signals down to low levels, suitable for feeding into the RCA input of an amplifier. This compact converter can also be used in low impedance speaker systems to feed a source into a second zone amplifier where running a shielded RCA signal lead is not practical.



Price Each	RRP	2+	4+
C 9620A	22.95	20.75	18.50

## Balanced Line Isolation Transformers

Balanced 3 pin female XLR to balanced male XLR. Front and rear pictured. Fitted with earth lift switch. Size: 70D x 40H x 60Wmm (including flange).



Price Each	RRP	2+	4+
A 2519 600Ω - 600Ω	35.00	32.00	30.00
A 2522 10KΩ - 600Ω	35.00	32.00	30.00
A 2524 10KΩ - 10KΩ	35.00	32.00	30.00

## Unbalanced to Balanced Converter

Unbalanced 10KΩ 2 x RCA to balanced 600Ω 3 pin male XLR with level control. -10dB max signal gain. Front and rear pictured. Size: 70D x 40H x 60Wmm (including flange).



Price Each	RRP	2+	4+
A 2514 Unbalanced to Balanced	35.00	32.00	30.00

## Balanced to Unbalanced Converter

Balanced 600Ω 3 pin female XLR to unbalanced 10KΩ 2 x RCA with level control. +10dB max signal gain. Steps up input signal by factor of 16, ie 20mV in = 320mV out. Front and rear pictured. Size: 70D x 40H x 60Wmm (including flange).



Price Each	RRP	2+	4+
A 2513 Balanced to Unbalanced	35.00	32.00	30.00

## Unbalanced Stereo Line Isolation Transformer

Unbalanced stereo 2 x RCA to unbalanced stereo 2 x RCA. Front and rear pictured. Size: 70D x 40H x 60Wmm (including mounting flange).



Price Each	RRP	2+	4+
A 2517 Unbalanced to Unbalanced	35.00	32.00	30.00

## Balanced Mic / Line Input Pre-Amp &amp; Mixer

Features two line inputs and one mic input, each with its own level control. The mic input can be configured for either balanced or unbalanced operation. All inputs are mixed to a single line level output. It can be powered from either a single rail power supply (15V to 30V DC), or a dual rail power supply (±12V to ±30V DC). PCB dimensions 100 x 57 mm.



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## SPECIFICATIONS

Microphone gain:	60 dB
Mic input sensitivity:	0.7 mV rms
S/N ratio:	10 mV input -74dB
Frequency resp.:	150Hz to 20kHz, -3dB
Line. gain:	14dB
Line. input sensitivity:	200mV
Line. S/N ratio:	500mV input -77dB
Line. freq. resp.:	30Hz to 20kHz, -3dB

Price Each	RRP	2+	5+
A 2055A	89.95	85.00	75.00