V-BOX MARK II

STEREO PASSIVE DIRECT BOX

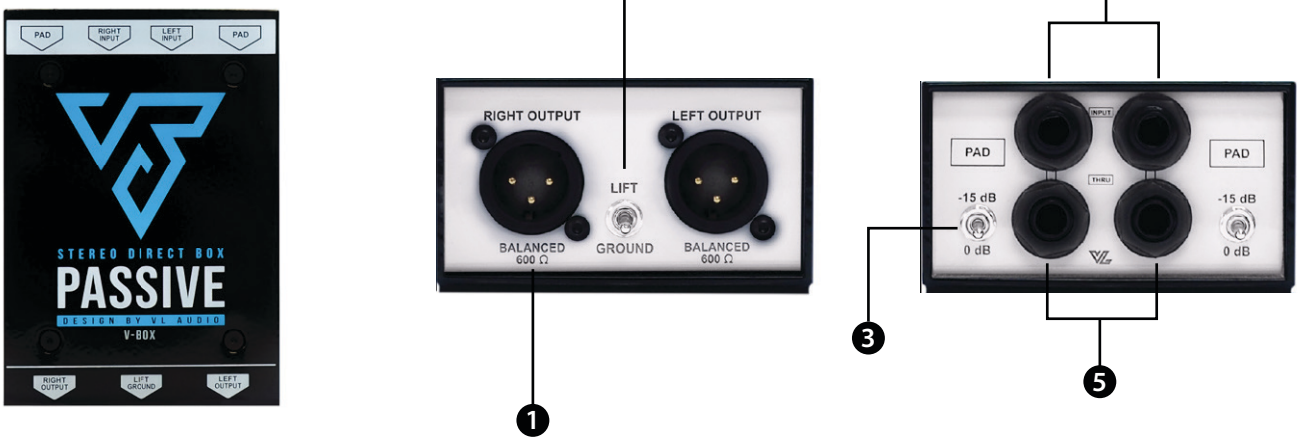
INTRODUCTION

The V-BOX mark-II stereo passive direct box is a high performance passive direct box for live concert touring and professional studio recording applications, featuring a VL transformer for exceptional audio performance.

FEATURE

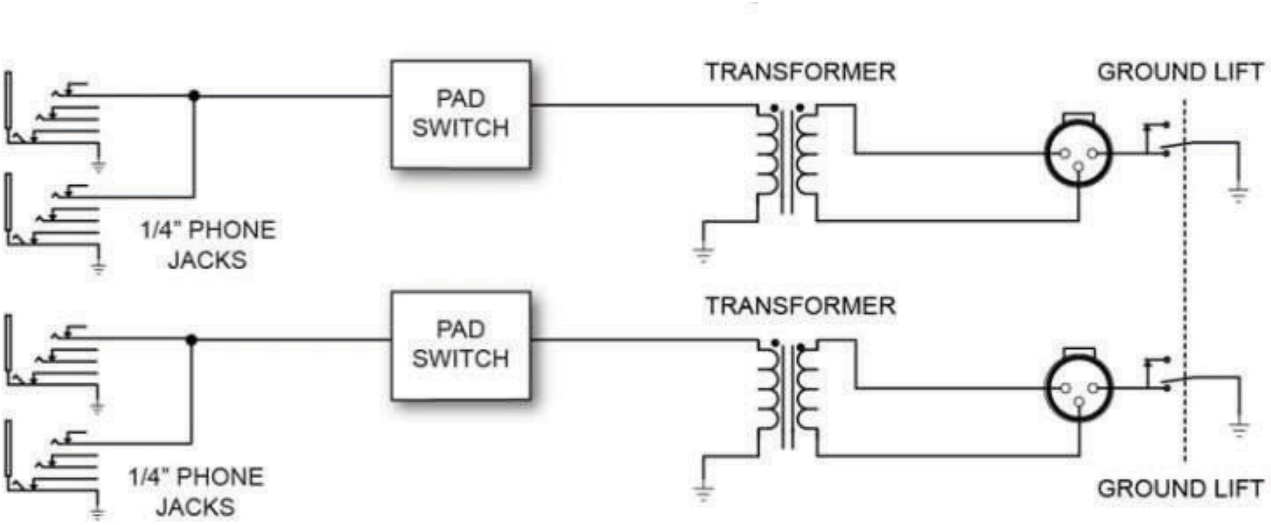
- Stereo passive direct box designed for active instruments.
- Eliminates hum and buzz from ground loops
- VL transformers provide exceptionally linear response

OVERVIWE



1. Line-level outputs Balanced input, male XLR connectors.
2. Ground/Lift switch Disconnects XLR pin-1 on both INPUT-1 and INPUT-2.
3. Pad Reduces the input sensitivity for active basses and high-output keyboards.
4. 1/4" Input Instruments connection to the V-BOX mark-II stereo passive direct box.
5. 1/4" Thru Instruments thru-put to an amplifier.

BLOCK DIAGRAM



TECHNICAL SPECIFICATIONS

SPECIFICATIONS	Audio circuit type	Passive line-level isolation, transformer based
	Transformer	VL Transformer
	Number of channels	Stereo (dual mono)
	Frequency response	20Hz - 20kHz
	Dynamic range	135dB
	Total harmonic distortion	0.0009% @ 1k, +4dBu
	Phase Deviation	-1.5° @ 20Hz, 0.5° @ 100Hz
	Input Impedance	140kΩ, Unbalanced
	Output Impedance	600Ω, Balanced
	Maximum Input	+21 dBu @20Hz - 20kHz (with Pad)

FEATURES	Ground lift	Yes
	Input Connectors	1/4"
	Output Connectors	2 XLR male output

Ganeral	Conditions	For use in dry locations only
	Warranty	Life time

Size	**Height**	4.8 cm.
	Width	8.3 cm.
	Depth	12 cm.
	Weight	0.38 cm.

Shipping informations	**Package Height**	5.4 cm.
	Package Width	9.8 cm.
	Package Depth	13.5 cm.
	Package Weight	0.47 cm.

APPLICATIONS

Electric Drum
(Roland spd-30)

V-BOX STEREO PASSIVE

DIGITAL MIXER
(Allen&Heath QU16)

Keyboard

V-BOX STEREO PASSIVE

DIGITAL MIXER
(Allen&Heath QU16)

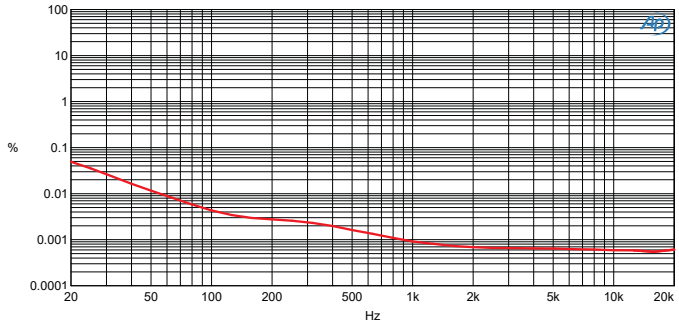
Laptop

V-BOX STEREO PASSIVE

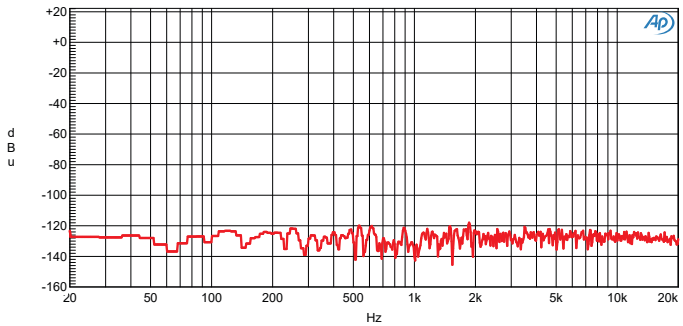
DIGITAL MIXER
(Allen&Heath QU16)

Graphs Frequency Response

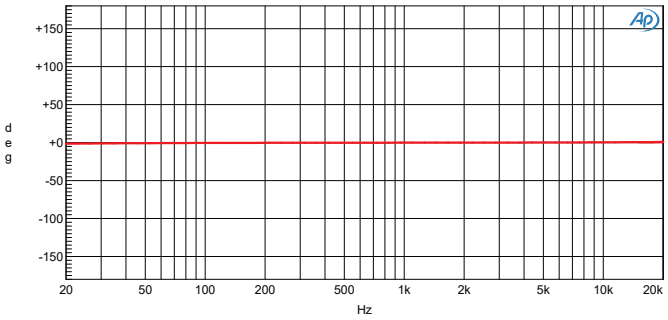
Stereo Direct Box Passive Total Hamonic Distortion vs Frequency



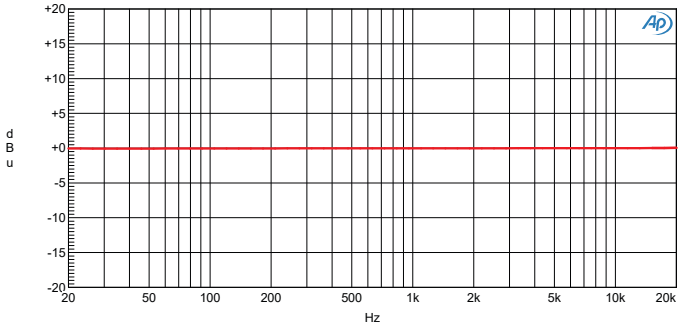
Stereo Direct Box Passive Noise Spectrum



Stereo Direct Box Passive Phase Shift



Stereo Direct Box Passive Frequency Response



Stereo Direct Box Passive Fast Fourier Transform