DI Boxes

JK Series

KV2 audio™

Why KV2's JK Series DIs are the worlds best!

KV2 Audio's JK Series of DI Boxes and Audio Tools provide the ultimate solution in transferring unbalanced signals to balanced signals. They deliver crystal clear, distortion-free audio from any source over greater distances. KV2 has optimised the use of phantom power on the JK the use of phantom power on the JK Series with a switching power supply, providing a huge 20 volts of peak power on the internal rails. This allows the JK Series to deliver just 50 Ohms on the XLR output, giving true line driver capability. A line driver, for those who may be unfamiliar with its function, provides a high quality balanced signal on a low impedance output. This gives the JK Series the ability to deliver greater audio integrity and output over any length cable and up to four times futimes further than it's nearest competitor. It also means far greater headroom - nearly double that of any other phantom powered unit.

The JK Series are hand-built in the Czech Republic, utilising the highest quality components and transformers. Full transformer balancing ensures the best possible signal integrity without interference from RF or ground loops. As the quality of the transformer – the most expensive component in the DI – greatly shapes the quality of the sound, we often hand wind our own transformers to ensure we achieve the absolute optimum performance at a price point that provides real value for money for those that cherish true audio quality. The heavy-duty steel enclosure provides maximum protection for the electronics and further shielding against external RF.

KV2 stands by the build-quality of these units with a full 5-year warranty.

JK1 SINGLE CHANNEL ACTIVE DI

The JK1 is the perfect all round DI. Providing transparent, accurate distortion free audio from whatever source you feed it. Its high headroom capability allows inputs from the hottest active pick-ups or electronic instruments. You can even patch it in line on your instrument amplifier's speaker output to capture its pure tone. Sure there are hundreds of low cost DIs out there, but until you use the JK1 you won't believe the difference it will make to your sound. If audio quality is your main priority you must try the JK1 - you won't be disappointed.

High Definition Audio DI
15dB Pad & Mix Function
Bullet Proof Metal Case
Military Spec Switches

	JK1		
-1dB Response	20Hz to 100kHz	Gain	0 / -15dB
Dynamic Range	>130dB	Phase	0° / 180°
Total Harmonic Distortion	<0.002%	High Pass Filter	Off, 80, 160Hz
Input Channels	2x 1/4" Jack	Indicators	Power-ON LED
Input Impedance	1MΩ / 5kΩ	Ground Mode	GND / Lift
Max. Input voltage	5V / 20V peak	Phantom Power	48-56V / 8mA
Output channels	XLR (line)	Dimensions H/W/D	40 mm (1.57"), 80 mm (3.15"), 131 mm (5.16")
Output Impedance	50Ω	Weight	610g (1.34lbs)

JK2 STEREO DUAL CHANNEL ACTIVE DI

The JK2 is the ultimate DI and a problem solver for any sound engineer. It is packed with quality components, providing two channels of pristine audio quality. With both jack and RCA inputs its versatility is endless, providing balanced outputs for laptops and iPods through to keyboards or even two individual instruments, for instance electric and acoustic bass. Need to improve the sound quality of your DJ console or get rid of hums and buzzes? Simply pop one in line. Built like a tank the JK2 is a must have audio tool for every audio tech.

Two High Definition Channels
Transformer Balanced
12/24dB Pad Switch
Phase Adjustment

	JK2		
-1dB Response	10Hz to 40kHz	Gain Pad	0 / -12 / -24dB
Dynamic Range	>130dB	Phase	0° / 180°
Total Harmonic Distortion	<0.005%	Indicators	Power-ON LED
Input Channels	2x 1/4" Jack + 2x RCA	Ground Mode	GND / Lift / RC
Input Impedance	2x 1MΩ / 10KΩ	Phantom Power	48-56V / 8mA
Max. Input voltage	1V / 5V / 20V peak	Dimensions H/W/D	40 mm (1.57"), 80 mm (3.15"), 131 mm (5.16")
Output channels	2x XLR, 2x 1/4" Jack THRU	Weight	630g (1.39lbs)
Output Impedance	50Ω		

JKA SINGLE CHANNEL ACOUSTIC DI

The JKA has been specially designed for acoustic instruments. It circuitry has been optimised to deliver the best sound from the weakest piezo to the hottest active pickup. Its unique ad-justable notch filter allows you to remove any resonance produced by your instrument when amplified through the sound system. You never know what the quality of the DI may be when you roll up for a performance. Don't sacrifice the sound of your expensive acoustic instrument with a cheap DI. Ensure you sound fantastic every time – the JKA puts you in control.

Designed for Acoustic Instruments
Single Channel Acoustic DI
10dB Gain Boost Switch
Variable Notch Filter

	JKA		
-1dB Response	10Hz to 40kHz	Gain	0/ +10dB
Dynamic Range	>130dB	Phase	0° / 180°
Total Harmonic Distortion	<0.03%	Indicators	Power-ON LED
Input Channels	1/4" Jack	Notch Filter	75 to 1650Hz (0, -6, -12dB)
Input Impedance	1MΩ	Phantom Power	48-56V / 8mA
Max. Input voltage	2,5V / 7V peak	Dimensions H/W/D	40 mm (1.57"), 80 mm (3.15"), 131 mm (5.16")
Output channels	XLR (line) , 1/4" Jack (monitor)	Weight	600g (1.32lbs)
Output Impedance	50Ω (line) / 600Ω (monitor)		

JKP PASSIVE DI & MICROPHONE SPLITTER

The JKP is ideal for a number of different broadcast and studio applications. Apart from being an extremely high quality low distortion DI, it also doubles as an interesting recording tool. The JKP can be used with a condenser microphone thanks to its unique "Phantom Through" switch, which allows phantom power to travel through the unit. You can then utilise the JKP's high quali-ty transformer to reduce a microphone's impedance by up to sixteen times, improving sound quality and tonal characteristics. Need to send a microphone to two sources? The JKP can also be used as a high quality microphone splitter.

Mic Impedance Conditioning
Phantom Through Switch
High Quality Passive DI
Microphone Splitter

	JKP		
-1dB Response	20Hz to 30kHz	Gain	Ratio 1:2 / 1:4
Total Harmonic Distortion	<0.0005%	Ground Mode	GND, Lift, RC
Input Channels	1/4" Jack, XLR // 1/4" Jack	Phantom Power	Phantom through
Input Impedance	1MΩ	Dimensions H/W/D	40 mm (1.57"), 80 mm (3.15"), 131 mm (5.16")
Output channels	XLR (line) , XLR (monitor)	Weight	590g (1.3lbs)
Output Impedance	100Ω (line) / 600Ω (mon.)		

JKT TONE GENERATOR

The JKT Tone Generator is a must have tool for every audio professional. It runs off phantom power, so simply plug it into the desk and you can send sine waves and white or pink noise where ever you require it. Perfect for finding the resonance frequencies of a room or testing equipment to accurate-ly hear problems that may be occurring. Extra outputs allow quick testing of other equipment not plugged into the mixer.

Phantom Powered
20Hz to 30Khz Sine Waves
Pink & White Noise
Multiple Outputs

	JKT		
Signal Output Channels	Jack 1/4", 2x XLR	White noise generator	YES
Output Impedance	50Ω line / 600Ω monitor	Pink noise generator	YES
Level Control	-∞ to 0dB	Phantom Power	48 to 56V / 8mA
Indicators	Power-ON LED	Dimensions H/W/D	40 mm (1.57"), 80 mm (3.15"), 131 mm (5.16")
Tone generator	20Hz to 30kHz	Weight	630g (1.39lbs)

Notes

Watch our product videos on YouTube.
www.youtube.com/c/KV2Audiocom