

19 DIRECT BOXES

match the levels!

File

ARX DI-6s

ARX has put six direct boxes into a single 19 inch rack unit, with the ability to mix down to a single channel. On the other hand, you can also split a single channel to six outputs.

You plug directly into each channel using the front panel jack connectors, and adjust the level common to the mix and to each direct output. Every channel has a balanced XLR output connector with associated ground lift switch and status LED. This can also be used as a pre mixer or as personal monitor system for instruments.

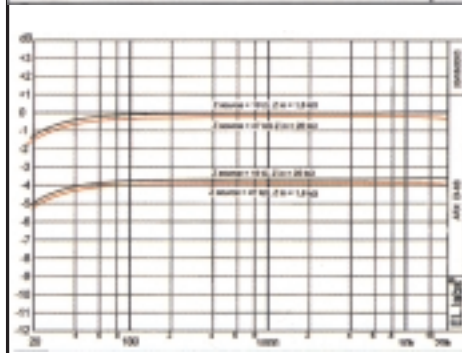
This multiple DI box / mixer combination makes an ideal pre-mixer for a collection of instruments: guitars or keyboards. Note however that a stereo keyboard will use two channels.

The DI-6s is AC mains powered, switchable between 100/120 and 220/240V AC. Internally, NEC quad op-amps are mounted on plug-in bases for easy changing during servicing.

Using mains power permits a high maximum input level and gain. The signal stays clean and undistorted up to +21 dBu. You will appreciate its very low distortion and extended dynamic range. The performance of the unit, measured on the direct and non mixed exit, is excellent. This is a product perfectly suited to studio use. It can easily handle any line level source, and an instrument can also send its output off to an onstage amplifier via the loop output connector

The unit has a high level of RFI immunity, which is useful for avoiding problems in a rack.

Active



Frequency response.
The very high output impedance explains the difference with the curves of the DI-Plus. If the same load is applied to the two products, the level varies a little more on the DI-6s.

Measurements	Input Imp/Atten.	Output Imp	Out Symmetry	Gain	Max Input Level Battery/Phantom	THD @ -3 dB, 40/1000/10,000 Hz	Signal/noise unweighted/Aweighted	Magnetic field variation	Battery consumption	Total isolation	
	1.35 MOhm	1060 Ohm	0% at 20 kHz	infinity to +21 dBu	+21 dBu	0.0045%/ 0.0030%/ 0.0040%	-105 dBu/ -107 dBu	~0 dB	Mains powered	Many MegOhms	Excellent
											Great
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											Excellent
											Perfect
											Confirmed

Translated from the original French version by ARX. We have endeavoured to maintain the same 'feel' as the original English version ©2003 ARX Systems®