

19 DIRECT BOXES

match the levels!

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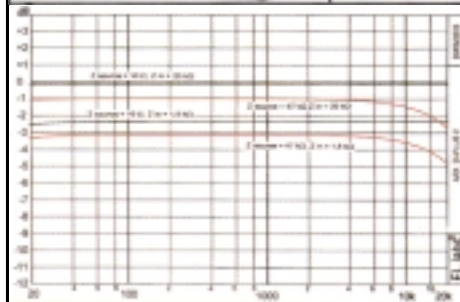
ARX DI-PLUS 2

Using the DI Plus as a starting point, ARX modifies the DI Plus 2 with two channels, for use with a stereo source or two independent sources. It has the same basic metalwork with 9 V battery and test switching. However, squeezing two channels into the space of one has made it necessary to slightly simplify the layout. The separate amplifier input disappears, but the 20 dB PAD switch stays, to keep signals at a comfortable level. The power switches on by inserting a the jack into Channel A. The presence of phantom power lights up an LED. The two balanced output connectors have a common ground lift switch.

Internally, with a double sided epoxy/fibreglass printed circuit board and plate through holes, the service people won't have any problems, since every component is even marked with its value.

The DI Plus 2 maintains a constant high input impedance, no matter what attenuation is used. When running on phantom power, the maximum input level doubles. It has extremely low distortion, thanks to its superb component layout and design. Its signal to noise ratio is much better than any 16 bit digital systems. . . and it all happens without excessive power consumption.

Active



Frequency response.

The behaviour changes slightly compared to the single channel version. The loading effect on the source impedance is a little better.

Measurements	Value	Quality
Input Imp/Atten.	520/1.05 M Ohm	Very Good
Output Imp	290 Ohm	Good
Output Symmetry	<.01% at 20 kHz	Very Good
Gain	5.6 dB/ -14.7 dB	Confirmed
Max Input Level Battery/Phantom	+7.2 dBu/ +13 dBu	Good
THD @ -3 dB, 40/1,000/10,000 Hz	0.007%/ 0.001%/ 0.0007%	Perfect
Signal/noise unweighted/A weighted	-104 dBu/ -105 dBu	Very Good
Magnetic field variation	~2 dB	Excellent
Phantom power consumption	5.3 mA	Good
Battery consumption	4.5 mA	Good
Total isolation	100 Ohms	

Translated from the original French version by ARX. We have endeavoured to maintain the same 'feel' as the original

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