

DB1A

DB1A includes an MU-METAL core transformer able to reduce phase and harmonic distortion to a minimum, with noticeable improvement of the linear phase even on very long cables. The audio integrity is guaranteed by low-noise, low-consumption IC for balancing the signal, able to handle very low-impedance loads. The input section features JACK and XLR connectors with link possibility and a PAD of up to 30 dB that permits very high-level signal inputs to be used.

Image :



Order code : DB1A

Datasheet

- Type :** 1 channel active DI
- Width :** 215 mm(8.465inch)
- Height :** 50 mm(1.969inch)
- Depth :** 125 mm(4.921inch)
- Weight :** 1 kg(2.205lb)
- Rack Units :** 1/2 rack unit.
Removing the two molded sides and attaching two units, with the supplied brackets, you can mount two by two DI boxes into a standard 19" rack.
- Power Supply :** Phantom Power: +24 volts DC to +48 volts DC
External AC/DC adaptor: +9 volts DC with link
Standalone/Standby: 9 volt PP3 type battery.
- Current drain :** < 8 mA
- Inputs :** Two Parallel 1/4" jack connectors and one parallel XLR connector (unbalanced).
- Input Impedance :** 1M Ohm (pad at 0 dB)
47k Ohm (pad at -10/-20 dB)
44k Ohm (pad at -30 dB)
- Input Levels :** +5 dBu (pad at 0 dB)
+15 dBu (pad at -10 dB)
+25 dBu (pad at -20 dB)
+35 dBu (pad at -30 dB)
- Outputs :** XLR male: Pin 2 Hot / Pin 3 Cold / Pin1 Ground
- Output Levels :** into 600 Ohms or greater
+3 dBu (for 0.1% THD at 50 Hz)
+5 dBu (for 0.1% THD at 1k Hz)
- Connectors :** XLR male: Pin 2 Hot / Pin 3 Cold / Pin1 Ground
- Channels :** 1 nr.
- Frequency response :** 10 Hz to 100 kHz, +0dB/-1 dB
- Distortion (THD) :** < 0.007 %
- S/N Ratio :** < -105 dBu unweighted
- Controls :** On/off, Pad -10, Pad -20, Gnd Lift, $\tilde{\sim}$ inv.
- Notes :** CMR > 60 dB
Phase distortion +14° at 20 Hz, -6° at 20k Hz

Image rear view :

Technical drawing :



User's manual - English language :
doc_012236333781620.pdf

User's manual - Italian language :
doc_112236333918150.pdf

Proel S.p.A. - Tel. +39 0861 81241
e-mail: info@proelgroup.com