

**DB1P**

DB1P is a single-channel passive DI BOX equipped with the same type of MU-METAL core transformer used in the DB1A, which provides minimum distortion, linear phase and hum-free transmission also on very long cables. Thanks to the input stage design, DB1P can accept also signals coming directly from the power output of instrument amplifiers, PAD up to 60 dB. A specially designed input filter is also available for cutting any hiss or buzz noise coming from acoustic or electric guitar and basses.

**Image :**



**Order code :** DB1P

**Datasheet**

- Type :** 1 channel passive 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.
- Inputs :** Two Parallel 1/4" jack connectors and one parallel RCA connector (unbalanced).
- Input Impedance :** 120 kOhm (pad at 0 dB)  
47 kOhm (pad at -20/-60 dB)  
44 kOhm (pad at -40 dB)
- Input Levels :** +15 dBu (pad at 0 dB)  
+35 dBu (pad at -20 dB)  
+55 dBu (pad at -40 dB)  
+75 dBu (pad at -60 dB)
- Outputs :** XLR male: Pin 2 Hot / Pin 3 Cold / Pin1 Ground
- Output Levels :** into 1 KOhm or greater  
-5 dBu (for 0.1% THD at 50 Hz)  
+5 dBu (for 0.1% THD at 1k Hz)
- Channels :** 1 nr.
- Frequency response :** 10 Hz to 100 kHz, +0 dB/-1 dB
- Distortion (THD) :** < 0.007 %
- S/N Ratio :** < -105 dBu unweighted
- Controls :** Pad -20, Pad -40, Gnd Lift, Filter (12" emulator)
- Notes :** Insertion loss 20 dB  
CMR > 100 dB  
Phase distortion 0° at 20 Hz, 0° at 20 kHz.

**Image rear view :**



**Technical drawing :**



**User's manual - English language :**  
doc\_412246856137570.pdf

**User's manual - Italian language :**  
doc\_312246856397590.pdf

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