

PROFESSIONAL

FADB-1

SINGLE CHANNEL ACTIVE DIRECT BOX

- Flat Response, +0dB/-2dB from 20 Hz to 20KHz.
- Exceptionally Low Noise, -126dB Ein, Signal to Noise -110dB.
- Low Distortion, less than .004 %
- 2.2 Meg ohm Input Impedance guarantees Full Response and Maximum Sustain from all types of pickups.
- No Transformers, transformers have input impedance's of 50K Ω 's or lower, this causes less drive, distorted bass, hi-end roll-off and loss of sustain of instrument pickups.
- Wide Dynamic Range, handles up to 5.6v P-P in Instrument Position with 9v battery and 10 v rms when using 120 vac or 48 v phantom power.
- RF Protection on Input and Output
- Operates on 120 vac, 9v Battery and 48v Phantom Power**
- Switchable Ground Isolation, unique circuitry keeps entire box grounded to mixer or amplifier main ground, only input ground is lifted.
- On/Off Switch turns off 9v battery, disconnecting the input will also turn off the power.
- Flashing Power On led lets you know when you forget to turn it off.
- Long Battery Life, typically 600 hours from one 9V battery.
- Three Position Input Switch Guarantees Maximum Signal to Noise.
- Designed And Packaged To Be Indestructible
- All Markings On Top of Unit
- Full Three Year Warranty

FADB-1 SPECIFICATIONS

Frequency Response	+0/-0.02dB	20Hz-20KHz
Bandwidth	+0/-3 dB	2Hz-200KHz
Noise	20Hz/20KHz	-116 dB
Distortion	20Hz-20KHz	0.005 %
Maximum Input	Instrument	2.3V RMS/+7.2dBv
Maximum Input	Line	12V RMS/+21.6dBv
Maximum Input	Speaker	120V RMS/+41.6dBv
Gain	Instrument	-15 dBv
Gain	Line	-30 dBv
Gain	Speaker	-50 dBv
Input Impedance	(Instrument)	2 MEG ohms
Input Impedance	Line / Speaker	22,000 ohms
Input Connectors		1/4" Phone jack
Output Load Impedance	Bal. - P2 to P3 = 600 ohms	
	Unbal. - P2 or P3 to P1 = 300 ohms	
Output Connector		3 Pin XLR
Output Phase	Pin 2 Pos./Pin 3 Neg./ Pin 1 Gnd.	
Channels		One
Height		1.73"
Width		5.1"
Depth		3.4"
Weight		1 Lb
Power Requirements	9V Battery	5 ma/200 hrs. typ.
	48V Phantom	5 ma/240 mW
	120 vac	1.4 ma/186 mW



AUDIO ACCESSORIES

All features and specifications subject to change without notice

FatPro
TECHNOLOGIES

PHONE : (877)-454-4404

FAX : (916)-987-6331

e-mail : info@fatpro.com

website: www.fatpro.com