

PROFESSIONAL

FADB-4

FOUR CHANNEL INSTRUMENT / LINE PREAMP - ACTIVE DIRECT BOX

The FPADB-4 is a high quality combination 4 channel instrument / line preamp and active direct box offering low distortion and extremely high signal to noise. Each channel has a 3 position input switch for instrument, line and speaker level inputs. This along with the input gain control and clip led guarantee ultimate flexibility and maximum signal to noise. In speaker position the maximum signal is 4000 W. Housed in an indestructible metal chassis using only the finest audiophile-quality components. For any situation requiring multi-channel active di's, the FPADB-4 is always the right choice for the job.

FRONT PANEL



- ❑ Flat Response, +0dB/-0.1dBv from 20 Hz to 20KHz.
- ❑ Exceptionally Low Noise, Signal to Noise -112dBv.
- ❑ Low Distortion, less than .0025 %
- ❑ 2 Meg ohm, (Instrument Mode), Input Impedance guarantees Full Response and Maximum Sustain from all types of pickups.
- ❑ No Transformers, transformers have input impedance's of 50K Ω 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 +8v RMS, (+18 dBv), in Instrument Position.
- ❑ RF Protection on Input and Output
- ❑ Switchable Ground Isolation, box is always connected to output ground.
- ❑ Three Position Input Switch with gain adjustment and clip led Guarantees Maximum Signal to Noise.
- ❑ Designed And Packaged To Be Indestructible
- ❑ Single and dual rack mount kits are available.
- ❑ Full Three Year Warranty
- ❑ Homegrown and Designed in california, U.S.A.

| FADB-4 SPECIFICATIONS | | |
|-----------------------|---|---------------------------|
| Frequency Response | +0/-0.1 dBv | 20Hz-20kHz |
| Bandwidth | +0/-3 dBv | 2Hz-200kHz |
| Noise | MIC OUT | -118 dBv |
| Noise | +4dBv OUT | -108 dBv |
| Distortion | 20Hz-20kHz | 0.0025% |
| Crosstalk | 20Hz-20kHz | -110 dBv |
| Maximum Input | (Instrument) | 6.635V +12 dBv |
| Maximum Input | (Line) | 16V RMS/+24dBv |
| Maximum Input | (Speaker) | 130.00V/+42 dBv |
| Gain [MAX.] | (Instrument) | 52.83 dBv |
| Gain [MAX.] | (Line) | 20.00 dBv |
| Gain [MAX.] | (Speaker) | 1.72 dBv |
| Input Impedence | (Instrument) | 2 MEG ohm |
| Input Impedence | (Line / Speaker) | 27.09k / 22.599k |
| Input Connectors | Gold Plated | 1/4" Phone Jack |
| Output Load | +4 dBv output P2-P3 = 10k ohms, + pin 2 | -30 dBv output P2 to P3 = |
| Output Connector | Gold Plated | 3 Pin XLR |
| Output Phase | Pin 2 Pos./Pin 3 Neg./ Pin 1 Gnd. | |
| Channels | | FOUR |
| Height | | 1.73" |
| Width | | 8.5" |
| Depth | | 3.4" |
| Weight | | 2 Lbs. |
| Power Requirements | 120vac | 8 ua/.096 watts |
| | 48v Phantom | 6 ma/.096 watts |

REAR PANEL



AUDIO ACCESSORIES

FatPro
TECHNOLOGIES

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