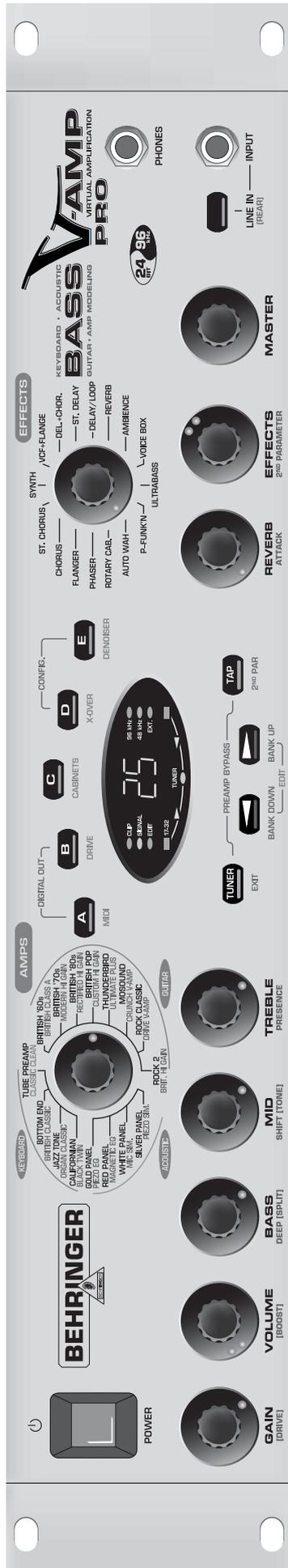


BASS V-AMP PRO



Technical Specifications

Version 1.0 March 2003

ENGLISH

BASS V-AMP PRO

BASS V-AMP PRO

The Ultimate Tone Toolbox for Bass, Acoustic/Electric Guitar and Keyboard Amp Modeling

- ▲ 32 authentic virtual amp models can be combined with any of the 23 speaker cabinet simulations, noise gate, compressor, wah-wah, modulation effects, delay and reverb
- ▲ 125 memory locations, divided into 25 banks of 5 presets each
- ▲ Facilitates direct recording without an extra amp
- ▲ Adjustable auto-chromatic tuner
- ▲ Comprehensive LEDs show all current settings
- ▲ 15 rear panel connectors allow comprehensive routing and suit virtually every conceivable application
- ▲ Additional unparalleled authentic cabinet simulation with sound designed by Juergen Rath
- ▲ Stereo headphones output with adjustable volume
- ▲ Internal power supply unit
- ▲ Extremely low-noise instrument input ensures maximum instrument signal integrity
- ▲ Pre DSP send/return for dry recording and wet monitoring
- ▲ Stereo 1/4" line outputs controlled by master volume for live use as guitar preamp
- ▲ Balanced stereo XLR DI out with ground lift and switchable ULTRA-G cabinet simulation
- ▲ Post DSP stereo inserts for connection of external effects
- ▲ Phones output on front panel for easy access
- ▲ BNC wordclock input for external sample rate synchronization up to 96 kHz
- ▲ AES/EBU and S/PDIF connectors allow usage as an all-purpose A/D converter with 24-bit/96 kHz digital output
- ▲ Comprehensive MIDI In, Out/Thru

SPECIFICATIONS

AUDIO INPUTS

INSTRUMENT INPUT 1/4" TS connector, unbalanced
Input impedance 1 M Ω
Max. input level +3 dBu

PRE DSP RETURN LINE IN 1/4" TS connector, unbalanced
Input impedance 45 k Ω
Max. input level +9 dBu

POST DSP INSERT RETURN L/R
Input impedance 40 k Ω
Max. input level +8 dBu

AUDIO OUTPUTS

ANALOG LINE OUTPUTS L/R 1/4" TS connector, unbalanced
Output impedance approx. 680 Ω
Max. output level +20 dBu

PRE DSP SEND/LINE OUT 1/4" TS connector, unbalanced
Output impedance <1 k Ω
Max. output level +9 dBu

POST DSP INSERT SEND L/R 1/4" TS connectors, unbalanced
Output impedance 1 k Ω
Max. output level +8 dBu

BALANCED LINE OUT XLR, balanced
Output impedance 100 Ω
Max. output level +14 dBu (studio); 0 dBu (live)

HEADPHONES 1/4" TRS connector, unbalanced
Max. output level +15 dBu/100 Ω (+23 dBm)

DIGITAL OUTPUTS

XLR transformer-balanced
Output impedance 110 Ω
Nom. output level 3.5 V peak-to-peak

RCA not grounded, unbalanced
Output impedance 75 Ω
Nom. output level 0.5 V peak-to-peak
Format AES/EBU resp. S/PDIF, selectable
Sample rate 44.1/48/96 kHz internal;
32 - 96 kHz wordclock, sample rate converter

WORDCLOCK INPUT

BNC coaxial
Input impedance 50 k Ω
Nom. input level 2 - 6 V peak-to-peak

MIDI

Type 5-pole DIN jacks IN, OUT/THRU

DIGITAL SIGNAL PROCESSING

Converter 24-bit Delta-Sigma, 64/128-times oversampling
Dynamics A/D 100 dB @ preamp bypass
Dynamics D/A 92 dB
Sample rate 31.250 kHz
DSP 100 Mips
Delay time max. 1023 ms stereo/sampler delay: 15.36 s
Run time (Line In > Line Out) approx. 5 ms

DISPLAY

Type 2-digit 7-segment-LED display

POWER SUPPLY

Mains voltage
USA/Canada 120 V~, 60 Hz
Europe/U.K./Australia 230 V~, 50 Hz
Japan 100 V~, 50 - 60 Hz
General export model 120/230 V~, 50 - 60 Hz
Power consumption 15 W
Mains connection standard IEC receptacle
Fuse 100 - 120 V~: T 400 mA H
200 - 240 V~: T 200 mA H

DIMENSIONS/WEIGHT

Dimensions (H x W x D) 3 1/2" x 19" x 5 1/4"
(89 x 482.6 x 135 mm)
Weight approx. 5 3/4 lbs./2.6 kg

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