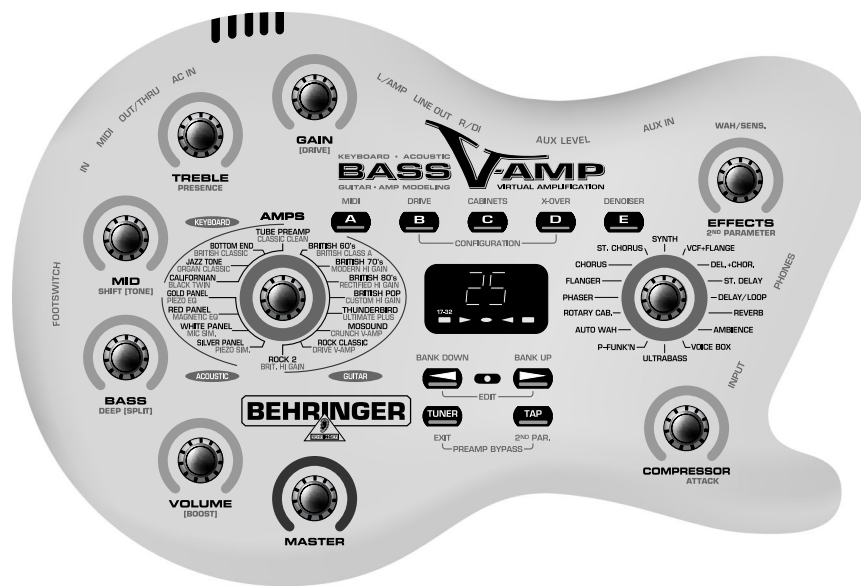


# Technical Specifications

Version 1.0 March 2003

# BASS V-AMP



# BASS V-AMP

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## BASS V-AMP

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 reduction, compressor, wah-wah, distortion pedal simulations and one of 16 multi-effects
- ▲ 125 memory locations, divided into 25 banks with 5 presets each
- ▲ Stereo aux input lets you plug in and play along with a CD, drum computer, or MIDI playback for practice, teaching and home-recording applications
- ▲ Stereo output features dual ¼" TRS jacks which can be used as +4 dBu balanced or -10 dBV unbalanced outs
- ▲ Auto-chromatic tuner
- ▲ Dual footswitch permits toggling between five preset sounds within one bank—without any MIDI programming (included)
- ▲ MIDI implementation includes program changes, control changes and Sysex, allowing complete MIDI automation
- ▲ 16 analog and digital multi-effects including ultrabass, synth, delay/loop sampler, chorus, flanger, rotary speaker, voice box, auto wah, phaser, ambience and reverb
- ▲ 4 renowned distortion and overdrive stomp boxes with adjustable DRIVE, TONE, BOOST and SPLIT
- ▲ Wah-Wah pedal and studio compressor effects
- ▲ PRESENCE, DEEP and sweepable SHIFT/SHAPE controls for all amp models
- ▲ Studio-quality noise reduction, based on the renowned BEHRINGER DENOISER SNR2000
- ▲ Sweepable 24 dB Butterworth frequency crossover
- ▲ Manufactured under ISO9000 certified management system

## SPECIFICATIONS

### AUDIO INPUTS

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

**AUX IN** 1/4" TRS connector, balanced  
Input impedance 50 k $\Omega$

### AUDIO OUTPUTS

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

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

### 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

U.K./Australia 240 V~, 50 Hz

Europe 230 V~, 50 Hz

Japan 100 V~, 50 - 60 Hz

Power consumption 13 W

Mains connection external power supply

### DIMENSIONS/WEIGHT

Dimensions (H x W x D) 63 x 236 x 180 mm

Weight approx. 2 3/4 lbs./1.2 kg

BEHRINGER continuously strives to assure the highest quality standards possible. Required modifications may be implemented without prior notice. Technical data and the appearance of the unit may deviate from the above values and/or illustrations.

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