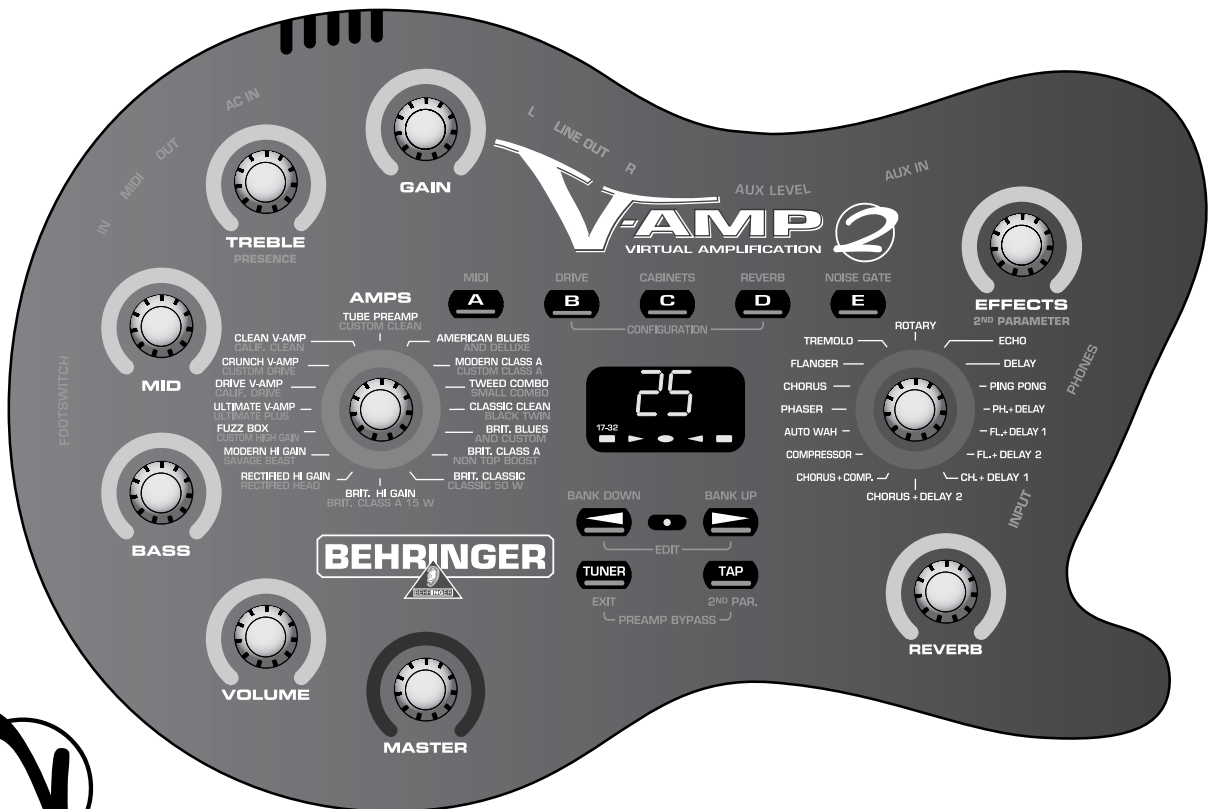


Technical Specifications

Version 1.1 March 2002



V-AMP[®] 2

V-AMP®

Virtual guitar amplifier with tube simulation and digital multi-effects processor

- ▲ Authentic virtual guitar preamp with 32 amp and 15 speaker simulation models
- ▲ Dedicated selectors for amp models, speaker cabinets and digital effects
- ▲ Transparent user interface with direct display of all essential settings
- ▲ 32 simulations of popular guitar amps, ranging from clean to crunch to tube distortion sounds
- ▲ 15 speaker simulations directly selectable and freely combinable with any amp model
- ▲ 24-bit high-resolution stereo multi-effects processor with first-class algorithms like chorus, flanging, phasing, rotary, auto-wah, echo, delay, compressor and various effects combinations
- ▲ Additional effects parameters now directly accessible on the unit
- ▲ New preamp bypass function allows use as a stereo effects unit without amp model
- ▲ 125 presets, including 50 original artist presets, organized in 25 banks for easy editing
- ▲ Dedicated reverb control adds 1 of 9 stereo reverb types to any amp, speaker or effects setting
- ▲ Separate wah-wah effect can be controlled manually or via MIDI and is available in addition to any other effects combination
- ▲ Effective 3-band EQ with amp model dependent characteristics
- ▲ New presence control adjusts a high-frequency filter, simulating the negative feedback of tube amps
- ▲ Extremely low-noise—S/N ratio now 90 dB
- ▲ Adjustable stereo aux input for line-level signals (CD, drum box, sound card, MIDI backing etc.)
- ▲ Stereo line output with virtual speaker simulation for recording and live applications
- ▲ Five new, practical configuration modes for various studio and live applications, some with additional global 3-band EQ
- ▲ Master volume control and stereo headphones output
- ▲ Extensive MIDI implementation allows complete real-time remote control and automation, data transfer and access to additional parameters
- ▲ Built-in auto-chromatic tuner
- ▲ Tap-tempo function allows real-time adjustment of effects speed parameter
- ▲ Professional noise reduction system on board
- ▲ Gig bag and dual footswitch for preset selection and tuner control included
- ▲ The V-AMP is protected by US patents No. D444,169 and D444,493
- ▲ Manufactured under ISO9000 certified management system

SPECIFICATIONS

AUDIO INPUTS

| | |
|-----------------|----------------------------------|
| Guitar input | 1/4" mono phone jack, unbalanced |
| Input impedance | approx. 1 M Ω |
| Aux inputs | 1/4" stereo connector, balanced |
| Input impedance | approx. 50 k Ω |

AUDIO OUTPUTS

| | |
|------------------|---------------------------------|
| Line outputs | 1/4" stereo connector, balanced |
| Output impedance | approx. 2 k Ω |
| S/N ratio | 90 dB @ preamp bypass |
| Headphones | 1/4" stereo phone jack |

MIDI INTERFACE

| | |
|------|---------------------------|
| Type | 5-pos. DIN jacks IN / OUT |
|------|---------------------------|

DIGITAL PROCESSING

| | |
|---------------|---|
| Converters | 24-Bit Delta-Sigma, 64/128 oversampling |
| Sampling rate | 31.250 kHz |
| DSP | 100 Mips |
| Delay time | max. 1,933 ms |

DISPLAY

| | |
|------|---------------------|
| Type | 2-digit numeric LED |
|------|---------------------|

POWER SUPPLY

| | |
|-------------------|------|
| Power consumption | 13 W |
|-------------------|------|

DIMENSIONS/WEIGHT

| | |
|------------------------|--|
| Dimensions (H x W x D) | approx. 2 1/2" (63 mm) x 9 1/4" (236 mm) x 7 1/8" (180 mm) |
| Weight | approx. 1.2 kg |

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