

Technical Specifications

Version 1.0 March 2001



V-AMP



www.behringer.com

V-AMP

Ultra-flexible virtual guitar amplifier with tube emulator and digital multi-effects processor

- ▲ Authentic virtual guitar preamp with amp/speaker simulation models
- ▲ Dedicated and independent selectors for amp models, speaker cabinets and digital effects
- ▲ Revolutionary user interface directly shows all essential preset settings
- ▲ Amps Selector allows you to directly select popular guitar amp simulations ranging from clean to crunch and tube distortion sounds
- ▲ Use the Cabinet Function to combine each amp with a matching speaker cabinet
- ▲ Effects Selector selects first-class effects such as chorus, flanging, phasing, rotary, auto-wah, echo, delay, compressor and various effects combinations
- ▲ 24-bit stereo multi-effects processor with high-resolution 24-bit AD/DA converters
- ▲ 125 “original artist” presets of highest quality, organized in 25 banks for easy editing
- ▲ Dedicated reverb control adds various reverb types
- ▲ Wah-wah effect can be controlled manually or via MIDI and is available in addition to any other effect
- ▲ Authentic 3-band EQ emulation of classic guitar amps
- ▲ Adjustable aux input for line-level signals (e.g. CD player, drum computer)
- ▲ Master Volume control and stereo headphones output
- ▲ Stereo line output with virtual speaker simulation for recording and live applications
- ▲ Complete MIDI implementation for amp, speaker and effect selection as well as real-time control of all parameters
- ▲ Built-in auto-chromatic tuner for guitars or electronic instruments
- ▲ Tap-tempo function for adjusting the speed parameter in specific effects
- ▲ Built-in professional noise reduction system
- ▲ Gig bag and footswitch for preset selection and tuner control included
- ▲ Extremely robust ABS plastic construction ensures long life even under the most demanding conditions
- ▲ Manufactured under ISO9000 certified management system

SPECIFICATIONS

AUDIO INPUTS

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

AUDIO OUTPUTS

Line outputs	1/4" stereo TRS connector, balanced
Output impedance	approx. 2 k Ω
Headphones	1/4" stereo phone jack

MIDI INTERFACE

Type	5-pin DIN jacks IN / OUT
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DIGITAL PROCESSING

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

DISPLAY

Type	2-digit numeric LED
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POWER SUPPLY

Power consumption	13 W
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PHYSICAL

Dimensions (H * W * D)	approx. 2.5" (63 mm) * 9.3" (236 mm) * 7.1" (180 mm)
Weight	approx. 1.2 kg

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