

MB-1 MIDI Tube Bass Guitar Preamp

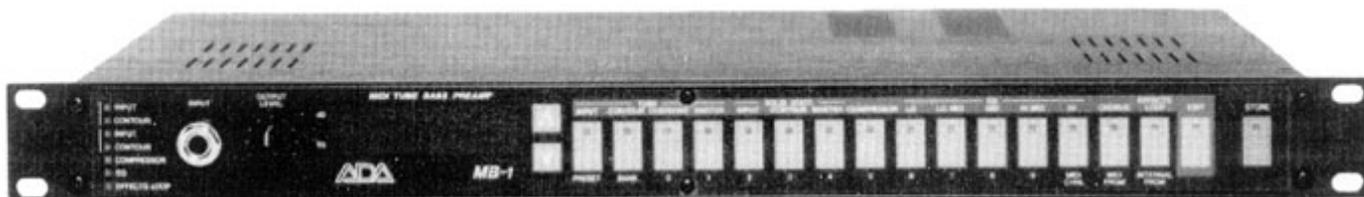
The world's first and only MIDI TUBE BASS PREAMP

From jazz to rock to funk to shred, the MB-1 will elevate your playing to new and uncharted heights. While keeping your instrument's signal in the analog domain, the MB-1 provides a tube (two 12AX7As) and a solid state front end which can be mixed in parallel to obtain the widest range and greatest tonal variation of any amp, preamp or combination ever made. Under MIDI control you have instant access to factory or your custom programs with any of the ADA MIDI foot controllers. Each front end "voice" has its own selection of EQ Contour Filters, Drive level and Master level controls. A five-band

semi-parametric tone control then sculps your signal to taste. A full-featured Compressor with settable Threshold, Ratio, and Gain functions, and an Analog Chorus tuned for bass frequencies adds dynamic fullness to your bass tone. Also, two parallel Effects Loops can be programmed together or separately. Inserting non-MIDI and MIDI effects is simple with independent rear panel Send and Return level controls. The front panel Output level control knob sets the output volume of the MB-1 without effecting the tone of your signal.

An adjustable Crossover and Low Frequency Limiter are located on the rear panel for setting the bi-amped crossover frequency and protecting your low frequency speakers. Outputs include Hi, Lo, and Full range 1/4" jacks and a full range balance XLR jack with a pre/post preamp switch. Full MIDI implementation includes MIDI IN, OUT, THRU, and Phantom MIDI, and Continuous Controller access to all internal parameters.

Whether you want to add better tone, MIDI programmable versatility, or simply reduce the weight and bulk of your rig, the MB-1 provides the best and only solution.



MB-1 Features

- Tube Voice using two 12AX7s and Solid State Voice can be used independently or in parallel.
- All-analog signal path which can be overdriven.
- Ultra-low frequency response.
- Independent Input, Contour, Overdrive and Master Controls for each Voice.
- Eleven selectable Preamp Contours.
- Compressor with programmable Threshold, Ratio, and Gain.
- Five band semi-parametric and shelving EQ.
- Bass Guitar Chorus.
- Store up to 128 different "preamps".
- Stereo Effects Loops with independent Level Controls.
- Front panel Output Level knob for quick volume adjustments without effecting preamp tone.
- Full Range and bi-amp Outputs with adjustable Crossover and Low Frequency Limiter.
- Direct Recording Outputs.
- Phantom Power MIDI.
- Real time MIDI Continuous Control over all internal parameters.

ADA

Made in America for Musicians by Musicians

MB-1 MIDI Tube Bass Guitar Preamp

SPECIFICATIONS:

INPUT: 1/4" phone jack, high impedance (1 meg ohm) wide range.

TUBE COMPLEMENT: Four stages of gain using two, low noise 12AX7A tubes.

CONTOUR: Six selectable filter curves for Tube, five for Solid State.

COMPRESSOR: Selectable Threshold, Ratio (1:1 to 40:1), and Gain.

EQ: LO Shelving type, $\pm 14\text{dB}$ @ 50Hz; LO MID Semi Parametric type, $\pm 14\text{dB}$ @ 54Hz - 166Hz; MID Semi Parametric type, $\pm 14\text{dB}$ @ 170Hz - 545Hz; HI MID Semi Parametric type, $\pm 14\text{dB}$ @ 570Hz - 1680Hz; HI Shelving type, $\pm 14\text{dB}$ @ 1800Hz+.

EFFECTS LOOP: Two parallel independently assignable in/out with independent send and return level control.

CHORUS: Depth 0 (none) to 100, Speed 0.1 Hz. to 10 Hz.

CROSSOVER: Adjustable 150Hz to 750Hz.

OUTPUT: Full range: 1/4" phone jack line level. Bi-amp: Hi and Low 1/4" phone jacks line level. Direct: Balanced XLR, assignable pre or post, ground (pin 1) liftable.

MIDI: Channel 1-16, OMNI, OFF; Program change: External 0-128, Internal 1-256; Responds to MIDI Continuous Controller, MIDI Mapping, System Exclusive Dump and Load.

PRESETS: 29 Factory loaded Presets.

POWER: 120VAC, 50/60 Hz. 100VAC, 50/60Hz. 230VAC, 50Hz.

POWER CONSUMPTION: 12 watts.

DIMENSIONS: D-10.5", W-19", H-1.75" (1 rack space.)

WEIGHT: 6 lbs. 8 lbs shipping.

OPTIONS: Extended 3 year warranty.

OPTIONAL ACCESSORIES: Any ADA MIDI Foot Controller, Phantom power cable.

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