

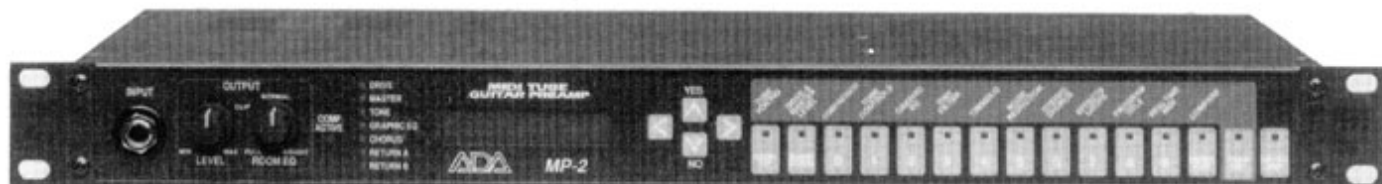
# MP-2 Advanced MIDI Tube Guitar Preamp

## MP-2, the world standard MIDI Tube Guitar Preamp

The MP-2 is the world's most advanced guitar preamp providing the ultimate flexibility, dynamic range, and ease-of-use to guitarists who demand the best and will compromise on nothing. Inside the one-space rack package are features and functions that are offered nowhere else, all provided for the sole purpose of achieving the ultimate in tone, warmth, and responsive dynamics. Pick from a palette of 10 different 12AX7A tube voices — from pristine clean, to spanky funk, to a

seven-point headroom LED display shows signal present and clip levels at various points along the signal path to assist in optimizing your signal-to-noise ratio and headroom. A 32 character LCD display keeps the MP-2 user friendly with prompts and program titling. Killer factory preset programs are preloaded so you can immediately plug-and-play! Rear panel includes stereo Effects Loops (pan, mix, or mute), stereo 1/4" and XLR Recording Outputs with selectable speaker emulation,

and stereo Line Outputs for poweramp feeds. MIDI implementation includes mapping capability, ADA System Exclusive for up-loading and down-loading programs to disk, and SYSEX fully implemented Real-time Continuous Control, as well as the standard IN, OUT, THRU MIDI, and Phantom Power jacks. Options include ADA's line of MIDI foot controllers for instant on-stage access to any program and any Continuous Control function.



vintage combo pushed to its limits. Surf thru the high-gain voices from warm, round, brown sounds to chunky crunch, to super-saturated grind. Shape your tone with our exclusive 4-band Tone Controls, which automatically reconfigure for each Voice. Then fine-tune your tone with a 9-band graphic EQ setup especially for guitar. Plug into the studio-quality compressor, pedal-wah, T-wah, noise reduction, tremolo, and stereo chorus, all fully programmable, with more dynamic headroom and lower noise than stomp boxes or digital signal processors. There are over 50 programmable functions in the MP-2 and all of them are realtime MIDI controllable. The functions can be grouped and controlled by a single controller, like a foot pedal. ADA provides pregrouped functions (called macros) such as Grind, Stereo Pan, EQ V-Curve, and Sustain, which can be controlled by the optional MXC plus CCP MIDI EXPRESSION PEDAL and QUAD SWITCH CONTINUOUS CONTROLLER Footswitch. The front panel has an overall Output Level knob for quick volume adjustments without affecting preamp tone, and an exclusive Room EQ knob which compensates for room acoustics by adjusting the overall tone balance of the MP-2. A

### MP-2 Features

- All-analog signal path using two 12AX7A tubes.
- Ten Tube Voices
- Level programmable stereo Effects Loops for mixing, panning, and muting.
- Four band Tone Control and nine band Graphic Equalizer.
- Low noise Compressor with programmable Ratio, Threshold, and Gain.
- Triggered Wah, Auto Wah, and Wah-Wah with Continuous Controller Expression Pedal.
- Tremolo with selectable Sine, Triangle, Surf wave forms.
- Noise reduction via Noise Gate or Noise Fader.
- Stereo Effects Loop with independently mixable A and B Channels.
- Program titles.
- Real time MIDI with built-in quick access Macros: Wah, Grind, V-Curve.
- On-screen real time MIDI diagnostics.
- Front panel Volume and Room EQ knobs for overall tweaking of stored programs.
- Compare to original feature for editing programs.
- Miked Cabinet Emulation for all Recording Outputs.
- Phantom Power MIDI.

**ADA**  
*Made in America for Musicians by Musicians*

# MP-2

## Advanced MIDI Tube Guitar Preamp

### SPECIFICATIONS:

**Tube Complement:** Four stages of gain using two, low noise 12AX7A/7025 tubes.

**Inputs:** Front panel: One 1/4" phone jack, high impedance (390k Ohms) 3.6 VRMS (+12.2 dBV). Rear panel: One 1/4" phone jack, same impedance as front panel input.

**Tube Voicings:** 10 different tube voices.

**EQ:** Passive, 4-band tone controls, Bass, Mid, Treble, and Presence. "Q" and center frequencies shift according to Voicings. Graphic EQ: 9-band 3/4 octave +/- 12 dB cut/boost.

**Chorus:** Depth 0 (none) to 100. LFO Rate 0.1 sec to 10 sec.

**Effect Loops:** Stereo, independently programmable including Send Mute, each with separate switches for line or instrument level effects processors.

**Stereo Outputs:** 1/4" phone jack for each channel. Low impedance output (500 Ohms). Maximum output into 600 Ohms = 3.6 vRMS (+11.1 dBV), Maximum output into 50k Ohms = 7.2 vRMS (+17.1 dBV).

**Unbalanced Recording Outputs:** 1/4" phone jack for each channel. Bandwidth limited low impedance output (500 Ohms). Maximum output into 600 Ohms = 3.6 vRMS (+11.1 dBV), Maximum output into 50k Ohms = 7.2 vRMS (+17.1 dBV).

**Balanced Recording Outputs:** Male XLR jack for each channel. Bandwidth limited 50Hz-3kHz (approx.), selectable output level, Line out low impedance = 600 Ohms, Maximum level = 4 VRMS (+12 dBV), Mic out low impedance (200 Ohms). Maximum level = .15 VRMS (-16 dBV).

**Overall S/N ratio:** 20Hz -20kHz at stage outputs, clean settings -86 dB A weighted.

**Power:** 120VAC, 50/60Hz. Power consumption: 35 watts.

**Dimensions:** D = 10.5", W = 19", H = 1.75" (1 rack space).

**Weight:** 7 lbs., 9 lbs. shipping.

**Options:** 220V AC, 50/60Hz. Extended 3 year warranty.

**Accessories:** MXC MIDI Expandable Controller with 1 or 2 CCP Continuous Control Pedals, 1 or 2 Quad Switches, Phantom Power 7-pin MIDI cable. MPC MIDI Program Changer, MC-1 MIDI Foot Controller.



*Adjust output level and tone balance to suit room acoustics for your overall sound.*

ADA AMPLIFICATION SYSTEMS, INC.  
420 Lesser Street  
Oakland CA 94601  
510 532-1152  
FAX: 510 532-1641  
WWW: adasignal.com

**ADA**  
*Made in America for Musicians by Musicians*