



# ECHOMAN

V21

## ECHOMAN ANALOG DELAY

XVIVE Audio proprietary chip design ( MN3005 BBD).  
www.xviveaudio.com

### ECHOMAN ANALOG DELAY PROMOTIONAL AND USER INFORMATION

The Echoman, designed by guitar effects guru Howard Davis, is a simplified monaural version of the Memory Analog Delay. It is a state-of-the-art design based on Davis's highly successful Deluxe Memory Man, acknowledged as among the best if not THE best analog delay pedal.

### FEATURES

XVIVE Audio proprietary chip design ( MN3005 BBD).  
Up to 600 msec of delay time with no aliasing distortion.  
Buffered bypass with a 900K input impedance guarantees no tone sucking (loss of highs) due to pickup loading.  
Wide bandwidth - good high frequency response even at long delay settings.  
Feedback control allows self-oscillation if desired.  
Blend control allows adjusting the output from dry signal only to delayed signal only.  
High-tech filtering and noise reduction circuitry guarantee an excellent signal to noise ratio, even at long delay settings.

### OPERATING INSTRUCTIONS

Connect the 9VDC center negative adaptor to the power in jack, guitar or other instrument to the input, and amplifier to the output. If the power polarity is incorrect the pedal will not work, but will not be damaged. With the MODULATION DEPTH turned all the way down, set DELAY, BLEND, and FEEDBACK for the echo effect you want.

If desired, turn up the MODULATION DEPTH and set the MODULATION switch for the effect speed you want, chorus or vibrato.

### FOR CHORUS EFFECT

Set BLEND for equal levels of dry and delayed signal, DELAY very short, MODULATION DEPTH high. FEEDBACK can be added to enhance the effect.

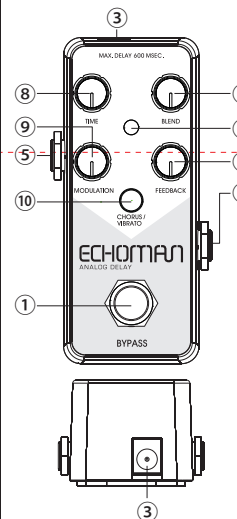
### FOR VIBRATO

The delayed signal only is modulated. Set controls for the sound desired.

### FOR REVERB EFFECTS

Set DELAY short, MODULATION DEPTH all the way down or low, and BLEND for equal dry and delayed signal levels. Set the FEEDBACK high for multiple repeats that slowly die out. Feedback settings just before self-oscillation occurs will produce a "bathtub reverb" effect that can be varied with the delay and modulation settings.

### PANEL INTRUCTION

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- TRUE BYPASS Footswitch:** Push down the footswitch to switch between effects and bypass status.
  - ON/OFF LED:** V21 On and Off. Blue LED Modulation is Chorus, Red is Vibrato.
  - DC IN Power Jack:** For power supply, use a 9-volt DC regulated AC adaptor (plug polarity is positive on the barrel and negative in the center)
  - INPUT Jack:** 1/4" mono audio jack. For connect ing guitar.
  - OUTPUT Jack:** 1/4" mono audio jack, outputs the signal.
  - Blend Knob:** Mix the input level and delay level
  - Feedback Knob:** Adjust the feedback of delay effects.
  - Time Knob:** Adjust the delay time. Max is 600ms.
  - Modulation:** Adjust the Chorus or Vibrato effect.
  - Chorus/Vibrato:** Switch to Chorus or Vibrato.

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