



EVH[®] 5150[™] CHORUS

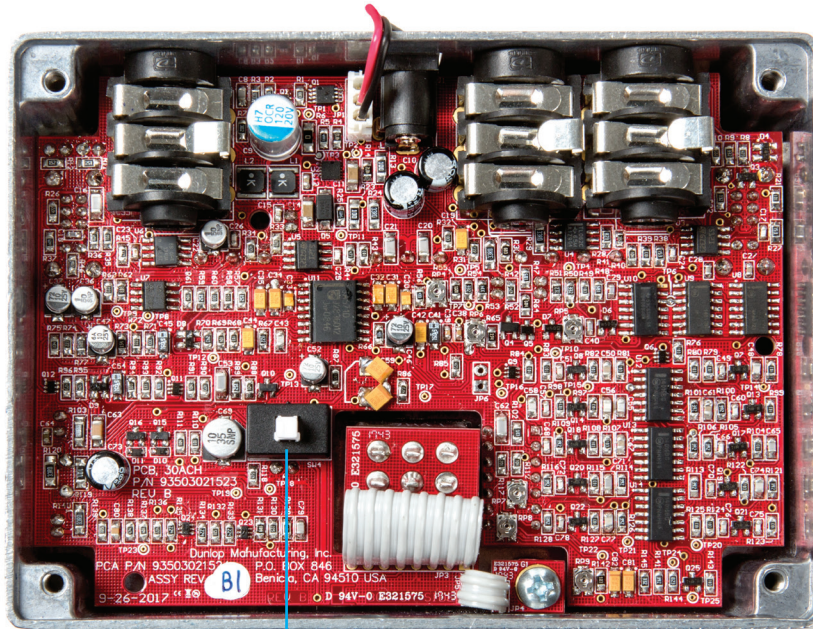
The EVH 5150 Chorus is based on a legendary chorus unit that Eddie Van Halen used to add texture and dimension to some of his most classic recordings from the early 1980s. It has a simple three-knob setup—Volume, Tone, and Intensity—with Input and Output Level pad switches, mono and stereo outputs, and an internal true/buffered Bypass switch for modern rig flexibility. Combine this pedal with the 5150 Overdrive for a huge sound that's thick and chewy.

External Controls



- 1 OUTPUT LEVEL switch pads output signal level for unity throughput gain with various input signal levels
- 2 MONO output provides wet/dry mix (standard operation) or 100% dry signal (stereo operation)
- 3 INTENSITY knob sets amount of chorusing
- 4 STEREO output provides 100% wet signal
- 5 TONE knob shapes EQ of effect
- 6 VOLUME knob sets overall volume of effect
- 7 INPUT LEVEL switch pads input signal level for optimum signal-to-noise performance with various input signal levels
- 8 FOOTSWITCH toggles effect on/bypass (blue LED indicates on)

Diagram A



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1 INTERNAL BYPASS switch toggles true/buffered bypass

Basic Operation

Power

The EVH® 5150™ Chorus is powered by one 9-volt battery (remove bottom plate to install), a 9-volt AC adapter such as the Dunlop ECB003/ ECB003EU, or the DC Brick™ and Iso-Brick™ power supplies.

Operation

1. For standard mono operation, run a cable from your guitar to the EVH30's INPUT jack and run another cable from the EVH30's MONO jack to your amplifier. To run the EVH30 in stereo, run an additional cable from the EVH30's STEREO jack to a second amplifier. In stereo mode, the MONO output signal will be 100% dry and the STEREO output signal will be 100% wet.
2. Start with all knobs at 12 o'clock and set OUTPUT LEVEL switch to -20dB and INPUT LEVEL switch to -35dB. Turn the effect on by depressing the footswitch. The VOLUME knob, input and output level switches work together to achieve desired output signal level and performance.
3. Rotate VOLUME knob clockwise to increase effect volume or counterclockwise to decrease it. Flashing red LED indicates best signal to noise performance.
4. Recommended INPUT LEVEL switch settings: -20dB for hot guitar levels -35dB for normal guitar levels, and -50dB for low impedance, low level signals.
5. Recommended OUTPUT LEVEL switch settings: -20dB for normal to high guitar level output signals and -35dB for low impedance, low level signals.
6. Rotate INTENSITY knob clockwise for more intense chorusing or counterclockwise for subtler chorusing.
7. Rotate TONE control clockwise for brighter chorusing or counterclockwise for warmer chorusing.
8. The EVH30 uses true bypass switching by default. For buffered bypass switching, remove bottom plate and set internal BYPASS switch to its IN position. See Diagram A. This will enable OUTPUT and INPUT LEVEL switches and VOLUME knob during buffered bypass.

Specifications

Input Impedance	470K Ω *
Output Impedance	4.7k Ω **
Noise Floor***	-89dBV
Controls	
Input Level	-20dB, -35dB, -50dB
Treble	+12dB, -16dB, 60kHz
Output Level	-20dB, -35dB
Bypass****	True/Buffered
Current Draw	95mA

* Input Level control -20dB, -35dB

** Input Level control, -50dB

*** A-weighted, Intensity 9 o'clock, output level -20dB

**** Internally selectable , True Bypass factory setting, SW4 out position