



### MXR EVH Flanger

The EVH Flanger meets Edward Van Halen's demanding specs and requirements. Please take a minute to read through this manual so you can get the most out of your EVH Flanger.

*"It's part of my sound and it's on tons of our stuff. I've used it with a guitar, (Unchaine, Hear about it later) electric piano, (And the Cradle will Rock) synths ( Sunday afternoon in the park) It's simple, powerful, consistent, reliable and a very distinct sound. A true stomp box".*

A handwritten signature in white ink, likely belonging to Edward Van Halen, positioned below the quote.

LIVE TO PLAY LIVE®



92503003509revA



# EVH117 FLANGER



## DESCRIPTION

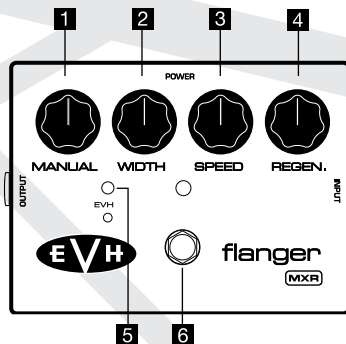
- Four different parameters for precise fine-tuning
- EVH switch engages “Unchained” flanger tone
- Custom EVH paint job

## POWER

The EVH Flanger is powered by two 9 volt batteries (accessed through the bottom of the pedal), an 18 volt AC adapter such as the Dunlop ECB004/ECB004EU, or a DC Brick™ power supply.

## CONTROLS

- 1 MANUAL knob controls degree of phase shifting
- 2 WIDTH knob controls intensity of time delay set by SPEED knob
- 3 SPEED knob controls speed of time delay
- 4 REGEN. knob controls overall intensity of effect
- 5 EVH switch engages “Unchained” mode (indicated by yellow LED)
- 6 FOOTSWITCH toggles effect on/bypass (blue LED indicates on)



## DIRECTIONS

- Run a cable from your guitar to the EVH Flanger's INPUT jack and run another cable from the EVH Flanger's OUTPUT jack to your amplifier.
- Start with all controls at 12 o'clock and the EVH switch disengaged.
- Turn the effect on by depressing the footswitch.
- Rotate the MANUAL control clockwise to emphasize higher frequencies or counterclockwise to emphasize lower frequencies.
- Rotate the WIDTH control clockwise to increase the intensity of the time delay as set by the SPEED control or counterclockwise to decrease it.
- Rotate the SPEED knob clockwise for a faster phase effect or counterclockwise for a slower phase effect.
- Rotate the REGEN. control clockwise to increase the overall intensity of the effect or counterclockwise to decrease it.
- Pushing in the EVH switch (indicated by yellow LED) engages the EVH “Unchained” mode, which overrides the MANUAL, WIDTH, SPEED and REGEN. controls with preset values for classic EVH flanging.

## SPECIFICATIONS

Input Impedance	470 kΩ
Output Impedance	1 kΩ
Signal to Noise*	>98 dB
Noise Reduction	2:1 ratio
Max Delay	12.8 ms
Rate Range	0.1 Hz to 10 Hz
Bypass	Hardwire
Current Draw	35 mA
Power Supply	9 volts DC

\*A-weighted, 0 dB = 1 Vrms



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