MXR

EVHMHG

EVH® Modern High Gain Pedal

Unleash the full force of your rig with the MXR EVH Modern High Gain Pedal. Designed in direct collaboration with Eddie Van Halen in 2015, this powerhouse of a device delivers EVH High Gain tone in raw, uncompromised and crushing form. It’s searing, it’s intense, and it’s razor sharp.

jimdunlop.com/evhmhg

Basic Operation

Controls

1 **GATE** knob engages noise gate (knob illuminates blue when active) and sets gate threshold.

2 **OUTPUT** adjusts overall volume of effect.

3 **BASS** knob adjusts low end frequencies.

4 **BASS SHIFT** switch selects the BASS knob's cutoff frequency. The 80 Hz setting is ideal for tightening up your low end while the 55 Hz setting allows for a robust, ultra-low-end attack.

5 **MID** knob adjusts midrange frequencies.

6 **TREBLE** knob adjusts high end frequencies.

7 **GAIN** knob adjusts the amount of distortion.

8 **BOOST** switch adds signal gain to the front end for increased saturation as well as to the final gain stage for extra uncompressed clipping and a volume boost. With the GAIN knob set low, this mode adds clarity and punch. At higher GAIN settings, it adds rich sustain.

9 **FOOTSWITCH** toggles effect on/bypass (red LED indicates on).

Power

The MXR® EVH® Modern High Gain Pedal is powered by one 9-volt battery (accessible via bottom plate battery door), a 9-volt AC adapter such as the Dunlop ECB003/ECB003EU, or an MXR Brick™ Series power supply.

Specifications

Input Impedance	740 KΩ	
Output Impedance	1 kΩ	
Nominal Output Level*	-22 dBV	
Maximum Output Level	0 dBV	
	GATE OPEN	**GATE CLOSED**
Noise Floor**	-76 dBV	-93 dBV

Controls

	PREAMP GAIN	**FINAL GAIN STAGE**
Boost	+3 dB	+3 dB
Mid Shift* 55 Hz Mid Shift* 80 Hz	0 dB, 30 Hz -3 dB rel, 30 Hz	
Bass	±7 dB, 30 Hz	
Mid	±5 dB, 700 Hz	
Treble	±6 dB, 10 kHz	

Bypass	True Hardwire		
	BYPASSED	**GATE ENGAGED**	**BOOST ENGAGED**
Current Draw	15 mA	16.5 mA	20.5 mA
Power Supply	DC 9 volts		

*All controls at mid position
**A-weighted, all controls at mid position, BOOST off