



CSP033G

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# Gran Torino™ Boost Overdrive

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The MXR Gran Torino Boost Overdrive amplifies and enriches the natural sound of your rig with the warm, organic sound of classic tube amps, from clean boosting with rich sustain to smooth, mellow overdrive.

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## External Controls



- 1 VOL knob controls overall effect volume
- 2 OD switch toggles between Boost (switch OUT, blue LED) and OD (switch IN, red LED) modes
- 3 HI knob cuts or boosts high frequencies
- 4 MID knob cuts or boosts midrange frequencies
- 5 LO knob cuts or boosts low frequencies
- 6 GAIN knob controls amount of overdrive
- 7 FOOTSWITCH toggles effect on/bypass (blue LED indicates on)

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# Basic Operation

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## Power

The MXR® Gran Torino™ Boost Overdrive is powered by one 9-volt battery (remove bottom plate to install), a 9-volt AC adapter such as the Dunlop ECB003/ECB003EU, or an MXR Brick™ Series power supply.

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## Directions

- 1 Run a cable from your guitar to the CSP033G's INPUT jack and run another cable from the CSP033G's OUTPUT jack to your amplifier.
- 2 Start with all knobs set to 12 o'clock.
- 3 Turn the effect on by depressing the footswitch.
- 4 Use the OD/BOOST switch to select either OD (pushed in) or Boost Mode (pushed out). OD Mode provides rich, natural compression and tubey saturation. Boost Mode provides a slightly cleaner sound with more headroom.
- 5 Rotate the MASTER knob clockwise to increase overall effect volume or counterclockwise to decrease it.
- 6 Rotate the GAIN knob clockwise to increase amount of overdrive or counterclockwise to decrease it.
- 7 Rotate the TREBLE knob clockwise to boost high frequencies or counterclockwise to cut them.
- 8 Rotate the MID knob clockwise to boost midrange frequencies or counterclockwise to cut them.
- 9 Rotate the BASS knob clockwise to boost low frequencies or counterclockwise to cut them.

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# Specifications

Input Impedance	2.4 M $\Omega$ , 1kHz
Output Impedance	24 k $\Omega$ max
Nominal Output Level*	-17dBV
Tone Controls	
Bass	$\pm 9$ dB, 40 Hz
Mid	$\pm 5.5$ dB, 600 Hz
Treble	$\pm 6.5$ dB, 10 kHz
Distortion Gain	34 dB to 67 dB, 1 kHz
Noise Floor*	-100 dBV
Gain Range	20 dB to 57 dB @ 1 kHz
Bypass	Buffered
Current Draw	4.7 mA
Power Supply	9 VDC

\* A-weighted, all controls mid position