



Tom Morello Power 50TM Overdrive

For more than 30 years, the key component of Tom Morello's raw, hard-hitting sonic voice has been his amp setup. The MXR Power 50 Overdrive captures the sound and functionality of that setup for use with any rig, whether you have a simple combo amp or a high-end custom stack.

External Controls



- 1 FOOTSWITCH toggles effect on/bypass (red LED indicates on)
- 2 PRESENCE knob adjusts high-end frequencies of overall output signal
- 3 VOLUME knob controls overall volume of pre-effects loop signal
- 4 BASS knob cuts/boosts low frequencies of pre-effects loop signal
- 5 RETURN jack breaks effects loop connection and receives effects loop output signal
- 6 MIDDLE knob cuts/boosts midrange frequencies of pre-effects loop signal
- 7 SEND jack transmits post-EQ signal to effects loop
- 8 TREBLE knob cuts/boosts high frequencies of pre-effects loop signal
- 9 GAIN knob sets overdrive intensity

Basic Operation

1. Run a cable from your guitar to the TBM1's INPUT jack and run another cable from the TBM1's OUTPUT jack to your amplifier. If using the effects loop, run a cable from the TBM1's SEND jack to the input of the first pedal in your loop. Run another cable from the output of the last pedal in your loop to the TBM1's RETURN jack. Note: effects loop signal is only active while TBM1 is engaged.
2. Start with all controls at 12 o'clock.
3. Turn the effect on by depressing the EFFECT footswitch.
4. Rotate VOLUME knob clockwise to increase effect volume or counterclockwise to decrease it.
5. Rotate BASS knob clockwise to boost low end frequencies of pre-effects loop signal or counterclockwise to cut them.
6. Rotate MID knob clockwise to boost midrange frequencies of pre-effects loop signal or counterclockwise to cut them.

7. Rotate TREBLE knob clockwise to boost high end frequencies of pre-effects loop signal or counterclockwise to cut them.
8. Rotate GAIN knob clockwise to increase intensity of overdrive or counterclockwise.
9. Rotate the PRESENCE knob clockwise to boost overall high-end frequencies or counterclockwise to cut them.
10. If you have the TBM95 Cry Baby® Tom Morello Wah, place it into the FX loop to recreate Tom's tonally balanced and aggressive vocal wah sweeps. Placing the TBM95 before the TBM1 will produce a subtle wah effect, while placing the TBM95 after the TBM1 will create a treble-focused toe-down wah response.

Power

The MXR® Tom Morello Power 50™ Overdrive is powered by one 9-volt battery (accessible via battery door on bottom plate), a 9-volt AC adapter such as the Dunlop ECB003/ECB003EU, or an MXR Brick™ Series power supply.

Specifications

Input Impedance	700 K Ω
Output Impedance	900 k Ω
Return Impedance	1 M Ω
Send Impedance	10 K Ω
Nominal Output Level*	-12 dBV
Maximum Output Level	0 dBV
Nominal Send Level*	-26 dBV
Controls	
Bass	+4 dB, -21 dB, 50 Hz
Mid	\pm 7 dB, 500 Hz
Treble	\pm 7 dB, 5 kHz
Treble***	+7 dB, -21 dB, 5 kHz
Presence	+7 dB, 4 kHz
Bypass	True Hardwire
Current Draw	12 mA
Power Supply	DC 9 volts

* All controls at mid position

**A-weighted, all controls at mid position

***MID control at maximum counterclockwise position 0 dBV= 1 Vrms