



**MXR**

The initials MXR are synonymous with the effects pedal innovations that have shaped the tone of modern electric guitar. Since the 1970's, MXR has produced the best stomp boxes available; now comes the inspired MXR Fullbore Metal. Starting with its proprietary circuit design that delivers rich harmonic content, the Fullbore Metal carries on the MXR tradition of tough, rugged and tonally tasty stomp boxes. With its die cast chassis, robust stomp switch and carefully selected components, the Fullbore Metal is truly a modern day classic.

**Dunlop**

LIVE TO PLAY LIVE®

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**MXR**

## M116 Fullbore Metal

Ultimate riff power is yours with the **M116 Fullbore Metal Distortion** pedal from MXR. This compact but powerful device is all you need to unleash the most devastating contemporary metal guitar tones ever heard. The **Fullbore Metal** turbo-charges your guitar signal with lethal amounts of ultra high gain. This is combined with a built-in Noise Gate to knock out the noise associated with extreme gain levels while also adding definition and tightness to syncopated metal riffs.

Extensive EQ controls, with Bass, Mid, sweepable Mid-Freq and Treble knobs let you sculpt your tone with fiendish precision. The additional Scoop switch provides an instant high and low frequency boost that'll rumble the room while also adding clarity. Available from MXR, the world leader in analog pedal technology.

- Super high gain distortion
- Three band EQ with sweepable mid frequencies
- Tight, fast, switchable Noise Gate for syncopated metal riffage
- Internal Gate Trigger control lets you set the Noise Gate's sensitivity
- Scoop Switch boost the highs and lows while the EQ stays active
- True Bypass with LED
- All analog circuit path



### CONTROLS

- 1 **VOLUME** controls overall effect volume (inactive in bypass mode).
- 2 **FREQ** selects the midrange frequency (200Hz to 5KHz) that is adjusted by the MID control.
- 3 **GAIN** controls the overall amount of distortion.
- 4 **GATE** button activates the noise gate (illuminated Green LED indicates that the Gate function is active).
- 5 **SCOOP** activates the Scoop function (illuminated Red LED indicates on).
- 6 **LOW** controls the amount of low end.
- 7 **MID** controls the amount of midrange selected by the FREQ control.
- 8 **HIGH** controls the amount of high end.
- 9 **Footswitch** toggles effect on/bypass (blue LED indicates on)

### SPECIFICATIONS

Input Impedance .....	> 450KΩ
Output Impedance .....	< 10KΩ
Signal to Noise All Controls @ Mid Position .....	A' weighted (Vref = 1 Vrms)
Gate OFF .....	> 70dB
Gate ON .....	> 85dB
Frequency Response	
Gate OPEN .....	0dB from 20Hz to 20KHz
Gate CLOSED .....	-20dB at 500Hz
.....	-25dB at 20KHz
Tone Controls	
Low .....	+/- 9dB at 100Hz
Mid .....	+/- 16dB at 200Hz to 5KHz
High .....	+/- 12dB shelf at 1.5KHz
Bypass .....	True Hardwire
Current Draw .....	18mA

### POWER

The MXR Fullbore Metal can be powered by one 9-volt battery (accessed by removing the bottom plate of the pedal), a Dunlop ECB003 AC adapter (ECB003E in Europe), a Dunlop DCB10 DC Brick, or MC403 Power System.

### DIRECTIONS

- A) Run a cable from your guitar to the Fullbore Metal's Input jack and run another cable from the Fullbore's Output jack to your amplifier.
- B) **IMPORTANT!** Please note, that this pedal is extremely dynamic, therefore care should be taken during the initial setup by starting with the VOLUME, GAIN, and BASS controls at fully counter-clockwise (minimum).
- C) Turn the effect on by depressing the footswitch. The illuminated Blue LED indicates that the unit is on.
- D) Adjust the GAIN, VOLUME, LOW, MID, FREQ and HIGH controls until the desired output and tone is acquired.
- E) Depress the SCOOP switch for an instant nu-metal scooped sound that accentuates the low and high frequencies. The illuminated Red LED indicates you are in Scoop mode.
- F) To sharpen the attack of syncopated rhythms or to cut down on excess noise, depress the GATE button. The Green LED will illuminate when the Gate function is active. To adjust the GATE control's sensitivity, please refer to diagram A.

### DIAGRAM A



INTERIOR VIEW



### NOISE GATE TRIGGER CONTROL

With a small flathead screwdriver, rotate the Arrow clockwise to increase the Noise Gate's sensitivity, causing the gate to cut off faster. Rotate the Arrow counter-clockwise if notes are being cut off too early.

Check out the sample settings below to hear some of the many amazing sounds available with the MXR Fullbore Metal. Please note that there are suggested settings for humbucker or single coil pickups and also combo amp or high wattage half stack situations.

### GENERAL PURPOSE



**LEAD**  
VOL - 1:30  
FREQ - 11:00  
GAIN - 3:00  
LOW - 10:00  
MID - 2:00  
HIGH - 10:00  
GATE - IN  
SCOOP - IN FOR SINGLE COIL/  
OUT FOR HUMBUCKER



**"NITEY NIGHT, SLEEP TIGHT"**  
VOL - NOON  
FREQ - 4:00  
GAIN - 12:00  
LOW - 10:00  
MID - 7:30  
HIGH - 12:00  
GATE - IN  
SCOOP - OFF

### SMALL COMBO AMP



**SINGLE COIL**  
VOL - 2:30  
FREQ - 2:00  
GAIN - 11:30  
LOW - 11:00  
MID - 10:00  
HIGH - 12:00  
GATE - IN  
SCOOP - OUT



**HUMBUCKER**  
VOL - 12:00  
FREQ - 12:00  
GAIN - 9:00  
LOW - 9:00  
MID - 12:00  
HIGH - 12:00  
GATE - IN  
SCOOP - OUT

### HALF STACK



**SINGLE COIL**  
VOL - 12:00  
FREQ - 12:00  
GAIN - 12:00  
LOW - 9:30  
MID - 12:00  
HIGH - 9:30  
GATE - IN  
SCOOP - IN



**HUMBUCKER**  
VOL - 12:00  
FREQ - 2:00  
GAIN - 11:00  
LOW - 9:00  
MID - 11:00  
HIGH - 1:30  
GATE - IN  
SCOOP - IN