



LIVE TO PLAY LIVE®

**MXR**  
BASS INNOVATIONS

**M85** BASS DISTORTION

*Dunlop*

[jimdunlop.com](http://jimdunlop.com)

92503018526REVA

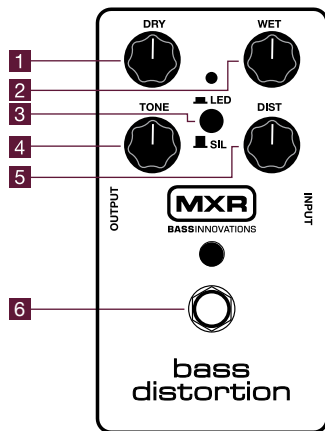
# M85 BASS DISTORTION

## DESCRIPTION

- Co-designed with Fuzzrocious Pedals founder Ryan Ratajski
- Based on a famously nasty distortion circuit
- Separate Dry and Wet level controls
- Select Silicon or LED diodes to change clipping character
- Internal control sets the max output level of LED mode

## CONTROLS

- 1 DRY knob controls level of direct signal
- 2 WET knob controls level of effect signal
- 3 LED/SIL switch toggles from silicon to LED clipping (indicated by blue LED)
- 4 TONE knob shapes tone of distortion signal
- 5 DISTORTION knob controls amount of distortion
- 6 FOOTSWITCH toggles effect on/bypass (white LED indicates on)
- 7 LED GAIN knob (internal) sets max output of LED mode



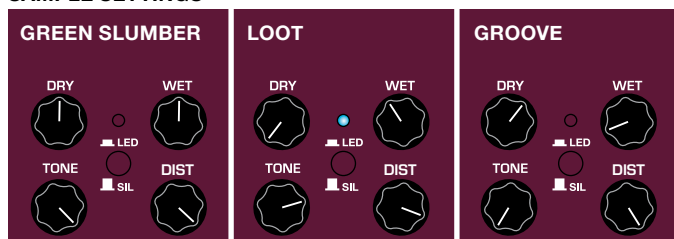
## POWER

The Bass Distortion is powered by one 9-volt battery (remove bottom plate to install), a 9-volt AC adapter such as the Dunlop ECB003/ECB003EU, or the DC Brick™ and Iso-Brick™ power supplies.

## DIRECTIONS

- Run a cable from your bass to the M85's INPUT jack and run another cable from the M85's OUTPUT jack to your amplifier.
- Start with all controls at 12 o'clock.
- Turn the effect on by depressing the footswitch.
- Use the LED/SIL switch to select between silicon and LED diodes. The default Silicon mode (switch out, blue LED off) has a biting, aggressive character with a bit of compression, while the LED mode (switch pushed in, blue LED on) has a wide open sound with a bump in gain.
- Rotate the DRY knob clockwise to increase direct signal volume or counterclockwise to decrease it.
- Rotate the WET knob clockwise to increase distortion signal volume or counterclockwise to decrease it.
- Rotate the TONE knob clockwise for a brighter sound or counterclockwise for a warmer sound.
- Rotate the DISTORTION knob clockwise to increase amount of distortion or counterclockwise to decrease it.

## SAMPLE SETTINGS



- The internal LED GAIN control can be used to lower the max output of the LED mode. The factory setting is fully clockwise for a +7.5dB difference from the Silicon mode, which allows for the full expression of the LED mode's character. If you find the volume difference to be too drastic, then remove the M85's bottom plate and use a 3mm slotted screwdriver to rotate the LED GAIN control counterclockwise to reduce the LED mode's max gain to a minimum of +1.5dB (see Diagram A). Note: Reducing the max gain of the LED mode will make it less distinguishable from the Silicon mode.

## DIAGRAM A



## SPECIFICATIONS

Input Impedance	1 MΩ
Output Impedance	315Ω @ 1kHz
Signal to Noise	90 dB
Distortion Gain	+40 dBV
Dry Max Gain	+16 dBV
Bypass	True Hardwire
Current Draw	11 mA
Power Supply	ECB003 or standard 9 volt battery



DUNLOP MANUFACTURING, INC.  
P.O. BOX 846 BENICIA, CA 94510 U.S.A.  
TEL: 1-707-745-2722 FAX: 1-707-745-2658