



LIVE TO PLAY LIVE®

MXR
BASS INNOVATIONS

M80 BASS d.i.+

Dunlop
JIMDUNLOP.COM

92503001773 revE

M80 BASS d.i.+

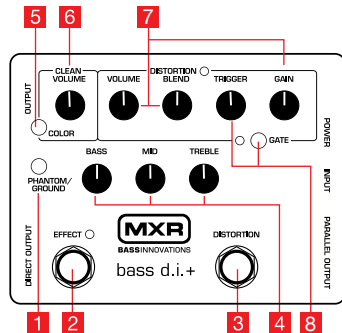
DESCRIPTION

- An incredibly flexible Bass D.I.+, Clean and Distortion effects
- Run direct to the PA or straight to the mixing board for pure tone
- A smart “noise gate” and optimized EQ help you find the sweet spot in the mix!

CONTROLS

- 1** PHANTOM/ GROUND enables Phantom Power or Ground Lift
- 2** LEFT FOOTSWITCH toggles Effects on/bypass (red LED=on)
- 3** RIGHT FOOTSWITCH toggles Distortion channel in/out (red LED at top of unit indicates Distortion channel active)
- 4** BASS-MID-TREBLE EQ KNOBS are active when effect is on
- 5** COLOR SWITCH activates a preset EQ optimized for bass (switch depressed down)
- 6** CLEAN VOLUME and COLOR controls are active only in Clean Channel mode (Effect Footswitch on and Distortion off)
- 7** DISTORTION CHANNEL MODE (Effect and Distortion Footswitches on) provides controls for Gain to set distortion level, Blend to mix distorted/ clean signal, and Volume

- 8** GATE SWITCH and TRIGGER KNOB work interactively to provide an adjustable noise gate. With Gate active (switch depressed down), the Trigger Knob sets the noise floor threshold, or sensitivity, to cut hum and hiss from the distortion signal



DIRECTIONS

- Set all controls to their middle position and set switches to their off position (all LEDs unlit).
- Run a cable from your bass to the Input jack of the Bass D.I.+ and run another cable from the Bass D.I.+ Output jack to your amplifier.
- To use the D.I. (Direct Input) function, run a balanced line (microphone cable) from the Bass D.I.+ Direct Output to your mixing board or PA input.
- Turn on the Bass D.I.+ Clean channel effect by depressing the Effect footswitch (Effect LED lit).
- Adjust the Clean Volume to the desired level, such as to match or boost your bypassed, effect off signal.
- Push in the Color switch to engage a clean preset EQ designed to color your bass tone with added punch, definition and clarity.
- Depress the Distortion footswitch to engage the Distortion channel (Distortion LED lit).
- Use the Gain control to set the amount of distortion, the Blend control to set a mix between the clean preset EQ and distortion effects, and Volume control to

set the distortion channel's output level.

- Push in the Gate switch to activate the adjustable noise gate with Smart Gate™ technology. Set the Trigger knob threshold low (counter-clockwise) to kill hum and hiss from the distortion signal while sustaining desired signals without premature, audible cutoff. To create a dynamic distortion effect, set the Trigger to higher (clockwise) Trigger threshold settings so that the gate only opens during loud passages. The Gate's yellow status LED turns off when the gate is opened and on when the gate is closed.
- Use the Bass, Mid and Treble controls to shape Clean and Distortion effect tones.
- The Parallel Output can be used to connect to a tuner or any other parallel processing device.
- The Bass D.I.+ can be phantom-powered through its Direct Output jack from a phantom power-capable mixing console. Push the Phantom/Ground switch to its down position to enable phantom power or up position to ground lift the Direct Output connection and remove noisy ground loops.

SPECIFICATIONS

Input Impedance	2.2 MΩ
Output Impedance	
Unbalanced	150 Ω
Balanced	300 Ω
Bypass Freq. Response	+0/-0.5 dB, 20 Hz to 20 kHz
Tone Controls	
Bass	±18 dB, 60 Hz
Mid	±10 dB, 850 Hz
Treble	±12 dB, 4 kHz
Noise Floor*	
Bypass	-102 dBV
Clean Effect	-98 dBV
Distortion Effect, Gate Off	-94 dBV
Distortion Effect, Gate On	-98 dBV
Volume Control Range	40 dB
Gate Trigger Range	28 dB
Sensitivity	-66 dBV at 1 kHz
Bypass	Buffered
Current Draw	9 mA
Power Supply	9 volts DC

*A-weighted, all controls at mid position

POWER

The MXR M80 Bass D.I. + requires a single 9 volt alkaline battery, Phantom Power from mixing board (through microphone cable) or a Dunlop ECB003 AC adapter (ECB003E in Europe) or a Dunlop DCB10 DC Brick power supply.



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