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**MXR**  
BASS INNOVATIONS

M81 BASS PREAMP

*Dunlop*  
JIMDUNLOP.COM

92503016739revA

# M81 BASS PREAMP

## DESCRIPTION

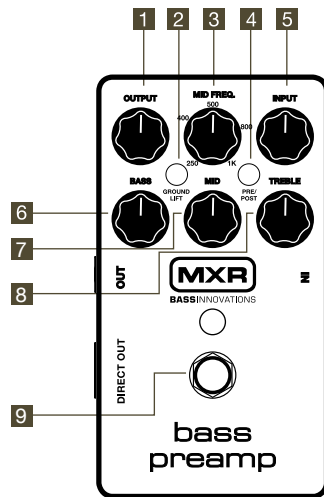
- 3-Band EQ with sweepable midrange
- Studio-quality Direct Out
- Constant Headroom Technology™ for clean, crystal clear tone

## CONTROLS

- 1 OUTPUT knob controls overall volume
- 2 GROUND LIFT switch engages a Direct Out ground lift
- 3 MID FREQ knob selects midrange frequency to be cut or boosted by MID control
- 4 PRE/POST switch determines whether or not the Direct Out signal is affected by control settings
- 5 INPUT knob controls Pre-EQ gain
- 6 BASS knob controls how much low end is cut or boosted
- 7 MID knob controls how much of midrange freq is cut or boosted
- 8 TREBLE knob controls how much high end is cut or boosted
- 9 FOOTSWITCH toggles effect on/ bypass (blue LED indicates on)

## POWER

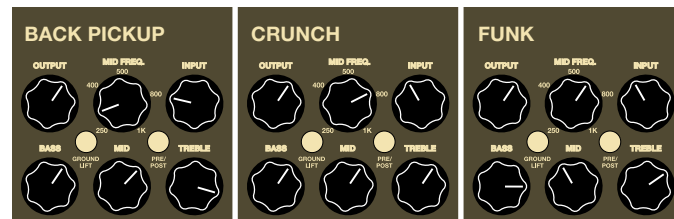
The MXR Bass Preamp is powered by one 9-volt battery (remove bottom plate to install), a 9-volt AC adapter plate such as the Dunlop ECB003/ECB003E, a DC Brick™ power supply, or phantom power.



## DIRECTIONS

- Run a cable from your bass to the Bass Preamp's INPUT jack and another cable from the Bass Preamp's 1/4" OUTPUT jack to your amplifier.
- The Bass Preamp's default setting is DIRECT OUT 'ON' Mode. To use the Direct Out function, run a balanced line (XLR cable) from the Bass Preamp's DIRECT OUT jack to your mixing board or PA.
- Set all controls to their 12 o'clock position.
- Turn the pedal on by depressing the footswitch.
- Rotate OUTPUT control clockwise to increase overall volume or counterclockwise to decrease it.
- Rotate INPUT knob clockwise to increase Pre-EQ gain or counterclockwise to decrease it.
- Rotate BASS knob clockwise to boost low end frequencies or counterclockwise to cut them.
- Use MID FREQ control to select midrange frequency to be affected by MID control.
- Rotate MID control clockwise to boost midrange or counterclockwise to cut it.
- Rotate TREBLE control clockwise to boost high end frequencies or counterclockwise to cut them.
- With the DIRECT OUT 'ON', push in the PRE/POST switch to allow your Direct Out signal to be affected by INPUT, EQ and OUTPUT controls. When PRE/POST switch is 'out,' your Direct Out signal will be unaffected by these controls.

## SAMPLE SETTINGS



- Push GROUND LIFT button in to remove possible ground loop hum when using the Direct Out.

## DIRECT OUT AND BYPASS

The Bass Preamp's default setting is Direct Out 'ON' and BUFFER 1/4" OUT bypass 'ON.' With Direct Out 'ON,' True bypass is not possible because the input signal must stay connected to the input buffer in order to send a bypass signal to the Direct Out. With Direct Out 'ON,' the Bass Preamp also offers 1/4" Out Hardwire bypass and is selected by removing the pedal's bottom plate and by setting switch SW4 to the down ('OFF') position.

## PREAMP ONLY (TRUE BYPASS)

The Bass Preamp can be used with the DIRECT OUT 'OFF' in order to utilize 1/4" Out true bypass switching. To activate true bypass switching, set SW4 and SW5 to



their "down" ('OFF') positions. (See Diagram A). This setting disables the DIRECT OUT signal.

## Where should you put the Bass Preamp in your effects chain?

If you're only using the Bass Preamp for its 1/4" Output, put it at the beginning of your chain of effects.

When using the DIRECT OUT, you have two options: To send your clean signal to the PA or mixing console, put the Bass Preamp at the front of your chain. If you want your DIRECT OUT signal colored by all of your other effects, put the Bass Preamp at the end of your effects chain.

## PHANTOM POWER

The Bass Preamp can be powered through its DIRECT OUT from equipment that provides phantom power. To utilize the phantom power option, place the Bass Preamp's GROUND LIFT button to the out position.

## SPECIFICATIONS

Input Impedance	2.2 MΩ
1/4" Output Impedance	300 Ω, 40 Hz
Balanced Output Impedance	120 Ω, 40 Hz
Maximumm Output Level	+22 dBV
Noise Floor*	-98 dBV
THD	0.025%, 1 kHz
EQ Controls	
Bass	±18 dB, 40 Hz
Mid	±17 dB, 250 Hz to 1 kHz
Treble	±18 dB, 4 kHz
Input Control	Pre EQ, ±10 dB
Output Control	Post EQ, +20 dB, -50 dB
Bypass**	True Hardwire Buffer
Current Draw	8.25 mA
Phantom Power Current Draw	4.7 mA
Power Supply	9 volts DC

\*A-weighted, all controls at mid position

\*\*1/4" Output, Internally Selectable



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