



M82B

Bass Envelope Filter

Celebrate 15 years of MXR Bass Innovations with a special edition version of one of its most popular pedals. The MXR Blackout™ Series Bass Envelope Filter features a stealthy matte black housing with gloss black text and a bright yellow LED for an aesthetic that's as slick as the pedal's classic analog envelope filter tones.

External Controls



- 1 FOOTSWITCH toggles effect on/bypass (yellow LED indicates on)
- 2 DECAY knob sets envelope filter's decay stop frequency
- 3 DRY knob controls volume of unaffected signal
- 4 FX knob controls volume of envelope filter signal
- 5 SENS knob adjusts the sensitivity of envelope filter to your attack
- 6 Q knob controls intensity of effect

Basic Operation

1. Run a cable from your bass to the Bass Envelope Filter's INPUT jack and run another cable from the Bass Envelope Filter's OUTPUT jack to your amplifier.
2. Start with all controls at 12 o'clock.
3. Turn the effect on by depressing the footswitch.
4. Rotate the DRY knob clockwise to increase volume of unaffected signal or counterclockwise to decrease it.
5. Rotate the DECAY knob clockwise to raise decay stop frequency or counterclockwise to lower it.
6. Rotate the Q knob clockwise to increase intensity of effect or counterclockwise to decrease it.
7. Rotate the SENS. knob clockwise to increase envelope filter's sensitivity to your attack or counterclockwise to decrease it.

Power

The MXR® Bass Envelope Filter is powered by one 9-volt battery (remove bottom plate to install), a 9-volt AC adapter such as the Dunlop ECB003/ECB003EU, or an MXR® Brick™ Series power supply.

Specifications

Input Impedance	1M Ω
Output Impedance	100 Ω
Maximum Input Level	+7.4 dBV
Maximum Output Level	+8 dBV
Noise Floor*	-94 dBV
Center Frequency Range (f _c)	76 Hz to 3.2 kHz
Max Sensitivity at 500 Hz	
fc = 3.2 kHz	-23 dBV
fc = 100 kHz	-39 dBV
Decay Stop Freq.	76 Hz to 1.3 kHz
Filter Gain at fc	
Q Min, fc = 76 Hz	+8 dB
Q Max, fc = 76 Hz	+18 dB
Q Min, fc = 3.2 kHz	+8 dB
Q Max, fc = 3.2 kHz	+26 dB
FX Range**	
Dry Range	- ∞ to 0 dB
Bypass	True Bypass
Filter Sweep (f _c)	76 Hz to 3.2 kHz
Sensitivity Range	46 dB
Current Draw	6 mA
Power Supply	9 volts DC

*A-weighted, all controls at mid position.
**Relative to filter gain