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**MXR**  
BASS INNOVATIONS

M82 BASS ENVELOPE FILTER

*Dunlop*  
JIMDUNLOP.COM

92503009439 revB

# M82 BASS ENVELOPE FILTER

## DESCRIPTION

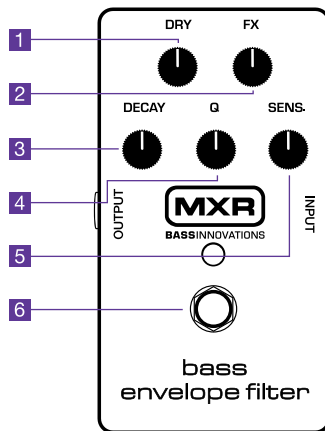
- Classic envelope filter sounds
- All-analog circuitry for rich, organic tone
- Separate DRY and FX level controls for preserving low end
- True bypass

## 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/ECB003E, or a DC Brick™ power supply.

## CONTROLS

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



## DIRECTIONS

- 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.
- Start with all controls at 12 o'clock.
- Turn the effect on by depressing the footswitch.
- Rotate the DRY knob clockwise to increase volume of unaffected signal or counterclockwise to decrease it.
- Rotate the DECAY knob clockwise to raise decay stop frequency or counterclockwise to lower it.
- Rotate the Q knob clockwise to increase intensity of effect or counterclockwise to decrease it.
- Rotate the SENS. knob clockwise to increase envelope filter's sensitivity to your attack or counterclockwise to decrease it.

## SAMPLE SETTINGS\*



\*ADJUST SENS. AS NEEDED TO ALLOW FOR INSTRUMENT OUTPUT LEVEL VARIATIONS

## SPECIFICATIONS

Input Impedance	1 M $\Omega$
Output Impedance	100 $\Omega$
Max Input Level*	-15 dBV
Max Output Level	+8 dBV
Noise Floor*	-94 dBV
Filter Sweep ( $f_c$ )	76 Hz to 3.2 kHz
Sensitivity Range	46 dB
Max Sensitivity at 500 Hz	
$f_c = 3.2$ kHz	-23 dBV
$f_c = 100$ kHz	-39 dBV
Decay Stop Freq.	76 Hz to 1.3 kHz
Filter Gain at $f_c$	
Q Min, $f_c = 76$ Hz	+8 dB
Q Max, $f_c = 76$ Hz	+18 dB
Q Min, $f_c = 3.2$ kHz	+8 dB
Q Max, $f_c = 3.2$ kHz	+26 dB
FX Range**	$-\infty$ to 0 dB
Dry Range	$-\infty$ to +6 dB
Bypass	True Hardwire
Current Draw	6 mA
Power Supply	9 volts DC

\*A-weighted, all controls at mid position.

\*\*Relative to filter gain



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