



LIVE TO PLAY LIVE®

**MXR**  
BASS INNOVATIONS

**M82** BASS ENVELOPE FILTER

*Dunlop*

JIMDUNLOP.COM

92503009439 revA

# M82 BASS ENVELOPE FILTER

## DESCRIPTION

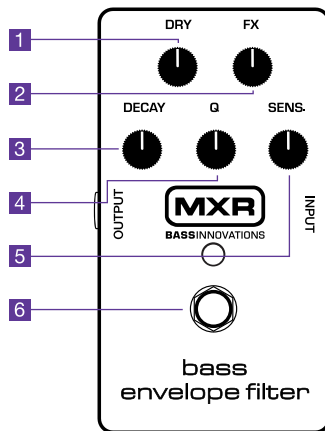
- Classic envelope filter sounds
- True Bypass
- Separate Dry and Effect signal controls
- Small, durable, and lightweight housing
- Analog circuitry for rich and organic tone

## POWER

The MXR Bass Envelope Filter can be powered by one 9-volt battery (accessed by removing the bottom plate of the pedal), a Dunlop ECB003 AC adapter (ECB003E in Europe) or a Dunlop DCB10 DC Brick power supply.

## CONTROLS

- 1 DRY controls the direct signal output level
- 2 FX controls the Envelope Filter signal output level
- 3 DECAY sets the Envelope Filter decay stop frequency
- 4 Q adjusts the intensity of the Envelope Filter effect
- 5 SENS. adjusts Envelope Filter reaction sensitivity to input signal
- 6 Footswitch toggles effect on/ bypass (blue LED indicates on)



## DIRECTIONS

- Run a cable from your bass to the M82 Bass Envelope Filter's Input jack and run another cable from the M82 Bass Envelope Filter's Output jack to your amplifier
- Begin with all controls set to 12 o'clock
- Turn the effect on by depressing the footswitch (illuminated blue LED indicates the unit is on)
- Rotate the Sensitivity knob until the effect reacts satisfactorily to your level of attack
- Rotate the Q control clockwise to increase the intensity of the effect; counterclockwise to decrease the intensity
- Rotate the Decay control to select the decay stop frequency of the effect, clockwise to increase frequency, counterclockwise to decrease frequency
- Rotate the Dry knob clockwise to increase the amount of direct signal or counterclockwise to decrease the amount
- Rotate the FX knob clockwise to increase the amount of Envelope Filter signal or counterclockwise to decrease the amount

## SAMPLE SETTINGS\*



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

## SPECIFICATIONS

Input Impedance	1MΩ
Output Impedance	100Ω

Max Input Level @ Filter Center*	-15 dBV
Max Output Level	+8 dBV
Signal to Noise*	94 dBV*
Filter Sweep	76 Hz to 3200 Hz
Sensitivity Control Range	46 dB

Max Sensitivity @ 500 Hz Input	
3200 Hz Filter Center	-23 dBV
100 Hz Filter Center	-39 dBV

Decay Control	
Stop Frequency	76 Hz to 1300 Hz

Filter Gain @ 76 Hz Center	
Q Min/Max	+8 dB/+18 dB

Filter Gain @ 3200 Hz Center	
Q Min/Max	+8 dB/+26 dB

FX Control Min	-∞
FX Control Mid	-6 dB
FX Control Max	0 dB**

Dry Control Min	-∞
Dry Control Mid	0 dB
Dry Control Max	+6 dB

Bypass	True Hardware
--------	---------------

Current Draw	6 mA
Power Supply	DC 9 Volt

0 dBV = 1Vrms

\*ALL CONTROLS @ MID POSITION, A WEIGHTED

\*\*RELATIVE TO FILTER GAIN



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