



LIVE TO PLAY LIVE®

MXR
BASS INNOVATIONS

M82 BASS ENVELOPE FILTER

Dunlop
JIMDUNLOP.COM

92503009439 revB

M82 BASS ENVELOPE FILTER

DESCRIPTION

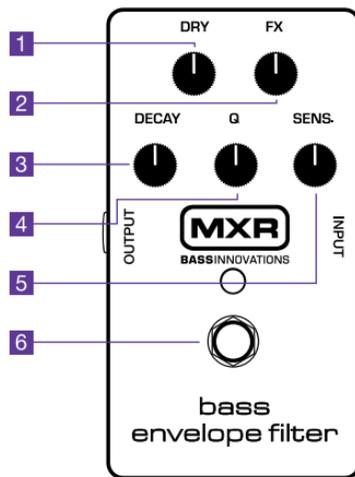
- Classic envelope filter sounds
- All-analog circuitry for rich, organic tone
- Separate DRY and FX level controls for preserving low end
- True bypass

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 Ω |
| Output Impedance | 100 Ω |
| 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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