

# Doomsville Soundscapes AutoQ Envelope Follower

## User Guide



The Doomsville Soundscapes “AutoQ” Envelope Follower, also known as an “Auto-Wah”, uses an envelope detector to modulate the cutoff frequency of a filter acting on an input signal.

### Controls:

**SCALE GUI** – The small drop-down list at the top centre of the effect’s panel allows you to select the plugin’s display size. Options are tiny, small, medium, normal, large & giant.

**KICK SWITCH** – Turns the AutoQ on or off (bypass mode).

**MODE** – Select between 3 different types of filter: Low Pass, High Pass and Band Pass.

**ATTACK** – Specifies the duration of the attack stage of the envelope detector. Ranges from 1 to 250 milliseconds.

**REL** – Specifies the duration of the release stage of the envelope detector. Ranges from 1 to 2000 milliseconds

**CUTOFF** – Specifies the cutoff frequency of the filter. Ranges from 20 to 10,000 Hz.

**PEAK** – Specifies the intensity of the peak, or “Q” at the cutoff frequency. Ranges from  $0.707 \left(\frac{\sqrt{2}}{2}\right)$  to 20.

**GAIN** – Specifies the output gain of the filter. Ranges from -20 to 12 dB.

**BOOST Q** – Turns gain compensation on or off. When on, frequencies higher and lower than the cutoff frequency will be attenuated, accentuating the peak, or 'Q'.

**THRESHOLD** – The threshold for the amplitude, output by the envelope detector, at which the AutoQ will commence to modulate the filter cutoff frequency. Ranges from -20 to 0 dB.

**SENSITIVITY** – The factor by which the detected amplitude envelope above the threshold will modulate the filter cutoff frequency. Ranges from 0.25 to 5.

**Meters:**

**OVERLOAD** – This LED will light up when the output signal of the AutoQ exceeds unity gain (0 dB).

☞ Should you wish to raise any issues you encountered while using this plugin, or review issues raised by other users, including those which have already been fixed, please visit:  
<https://github.com/DoomyDwyer/ASPiKProjects/issues>.