Shape the tone. Add character.

EQP1 is a stereo program equalizer with broad, interacting EQ curves and adjustable harmonic color. Use it to add low-end weight, open the top end or give a sound more texture with the EQ left flat.



Start in a minute

1. Install EQP1 through your Reason account, then open **Reason 14 or later**. Find **EQP1 Program Equalizer** under **Dubspot** in Effects.

2. Insert it on a track or bus. Set the header switch to **On** and load the **Color** factory patch for a colored starting point.

3. Choose the low frequency and add Boost. Blend in Atten to reshape the low end. Use the high controls for presence or air.

4. Open **Advanced** for Color, Drive and Recovery. Use **Out** to level-match, then compare with the header **Bypass** switch.

A Rack Extension for Reason

This guide covers the Reason Rack Extension edition. Install and authorize it through your Reason account; no separate Dubspot serial entry is needed inside the device.

The main panel

CPS means Hz; KCS means kHz. The 0-10 EQ scales are control positions, not a direct dB readout. The shape and amount depend on the other EQ settings.

Control	What it changes
Low Frequency	Selects 20, 30, 60 or 100 Hz for the low-frequency section.
Low Boost / Atten	Adds or reduces the broad low-frequency response. The two controls interact and can be used together.
High Frequency	Selects 3, 4, 5, 8, 10, 12 or 16 kHz for high-frequency boost.
High Boost	Sets the amount of high-frequency lift.
Bandwidth	Moves the high boost from Sharp at 0 to Broad at 10.
Atten Sel / high Atten	Selects 5, 10 or 20 kHz and sets high-frequency attenuation independently of the boost-frequency selector.

Try boost and attenuation together

On a kick or bass part, select 60 Hz, add a little low Boost, then raise low Atten. Listen for a change in contour and weight rather than expecting the controls to cancel exactly. The high section also lets you combine a broad lift with top-end attenuation.

The header

On processes the signal. **Bypass** passes dry audio with the selected processing latency. **Off** silences the output. Use Reason's preset display and browse controls to load or save a patch.

Advanced expands the device from four to six rack units. It starts closed when the editor is created. Opening or closing it does not change the sound.

Under the panel



Control	Use
In / Out	Input and output trims, each -18 to +18 dB. In changes the level feeding the processing; Out sets the final level.
Color	Sets harmonic coloration from 0 to 10. Turn it up for a stronger character; turn it down for a lighter effect.
Bass	Changes the low-frequency emphasis of the color stage. This is separate from the bass EQ controls.
Asym	Changes the symmetry of the nonlinear response and its harmonic balance, from 0 to 1.
Drive	Adds up to 24 dB of compensated drive into the color stage. It changes the way the signal saturates; it is not an output-volume control.
Recovery / Time	Sets the depth of the color stage's signal-dependent recovery and its time, from 5 to 500 ms. Try it on drums and bass for movement after transients.

Coloration precedes the EQ. Drive includes compensation, but changes in timbre, transients and EQ can still change perceived loudness. Match with Out when comparing. Color at zero removes the main harmonic coloration; use the Baseline patch for an uncolored starting point.

Noise, routing and oversampling

Noise and hum

Noise sets broadband texture; Hum sets the mains component. Each level runs from -120 to -60 dBFS. The switch below Noise enables or disables **both**. The button below Hum selects **50 Hz** or **60 Hz**. Start quiet and increase to taste.

After roughly three seconds without input, the Reason edition fades its remaining texture and sleeps. Audio input wakes it again. This is normal Reason rack behavior, not a gate you need to configure.

Oversampling

Choose the lower oversampled setting for everyday use, the higher setting when the additional CPU cost is worthwhile, or 1x for zero added latency. At 1x, strong coloration is more prone to aliasing and high-frequency EQ curves can differ near Nyquist.

Session rate	Choices	Added latency
44.1 / 48 kHz	1x / 8x / 16x	0 / 64 / 128 samples
88.2 / 96 kHz	1x / 4x / 8x	0 / 128 / 256 samples
192 kHz	1x / 2x / 4x	0 / 256 / 512 samples

Change oversampling with playback stopped. Reason rebuilds the processing instance and updates delay compensation, which can interrupt audio. Oversampling is saved with the patch but is not automatable; the displayed multipliers follow the session rate.

Stereo connections and meters

The rear panel has stereo audio inputs and outputs. Connect a mono source to **L / Mono**; it feeds both processing channels when the right input is unconnected. There are no CV inputs. The small In and Out meters show signal peaks; reduce the level if the output clips downstream.

Patches and practical checks

Factory patch	Starting point
Baseline	Flat EQ, Color and Recovery at zero, noise off.
Color	Flat EQ with harmonic color, recovery and quiet noise texture.
Low & Warm	Low-frequency boost and attenuation, broad high lift and a warmer color setting.
Open Air	Broad high-frequency lift with lighter coloration and noise off.

Useful habits

Save your own patches with Reason's patch controls. Use automation or Remote mappings for the sound controls. Leave headroom when adding EQ boost; this device does not impose a brickwall output ceiling.

If something sounds wrong

No signal: check the header switch, rear connections and the track routing. Off deliberately produces silence. A left-only source must use L / Mono.

Too much texture: lower Color or Drive, reduce Bass, or switch Noise off. Compare at a matched output level.

Bright or rough edges: try the next oversampling setting while stopped. If the rack is overloaded, choose a lower setting or reduce the number of active devices.

Different level after loading a patch: factory patches can include output trim and EQ changes. Adjust Out to match your source before judging the tonal difference.

Requirements and support

Requires Reason 14 or later on a supported Mac or Windows system. Installation and authorization follow your Reason account. This guide covers EQP1 version 1.0.0.

For product help, contact admin@dubspot.com. Include the EQP1 version, Reason version, operating system, session sample rate and steps to reproduce the problem. Product information: dubspot.com/eqp1.

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