

---

# HoRNet TotalEQ MK2

## The Equalizer That Adapts to Your Sound

**HoRNet TotalEQ MK2** is much more than a simple parametric EQ: it's an intelligent system that lets you sculpt your sound with extreme precision, thanks to dynamic processing, advanced spectrum visualization, analog saturation per band, and a powerful **auto EQ feature** based on real-time audio analysis.

Whether you're looking to fix specific issues in a mix, refine a vocal tone, or bring tonal balance to an entire master, TotalEQ MK2 provides the tools to do so in a musical and intuitive way.

# User Interface: Everything Under Control



The TotalEQ MK2 interface is clean, organized, and fully resizable. The central area displays:

- **Input signal spectrum** (purple line),
- **Output signal spectrum** (light blue line),
- **EQ curve** (yellow line),
- **Dynamic EQ curve** (pink line, visible when dynamic EQ is active).

## Control Points

Each point on the curve represents an EQ band. Clicking on it activates the band's control panel, where you can adjust:

- **Center Frequency (Hz),**
- **Gain (dB),**
- **Q factor (bandwidth).**

## Useful Buttons per Band

- S (Solo): lets you listen only to the selected band — perfect for isolating problematic details in the mix.
- M (Mute): temporarily disables the band to quickly evaluate its impact.
- Extra: opens the advanced settings panel (see below).

## Direct EQ Point Control: Simple, Precise, Intuitive

One of TotalEQ MK2's most powerful and immediate features is the ability to manipulate EQ points directly on the spectrum graph.

### Adding or Removing EQ Bands with Double Click

To add a new EQ band, simply double-click anywhere on the spectrum. A new band will be automatically created at that point, inheriting:

- The frequency based on the horizontal position,
- The gain based on the vertical position.

Once created, you can:

- **Immediately drag the point** to adjust frequency and gain,
- **Scroll your mouse wheel** over it to adjust the Q value,
- **Click once on the point to reveal additional controls** (Solo, Mute, filter type, Extra panel).

To delete a band, just double-click an existing control point — the filter is removed instantly.

## Real-Time Parameter Editing

- Drag to adjust frequency (horizontal) and gain (vertical).
- Scroll to adjust Q (bandwidth).

## Constrained Editing

- Shift + drag: lock frequency, adjust gain only.
- Alt/Option + drag: lock gain, adjust frequency only.

## Multi-Selection and Group Control

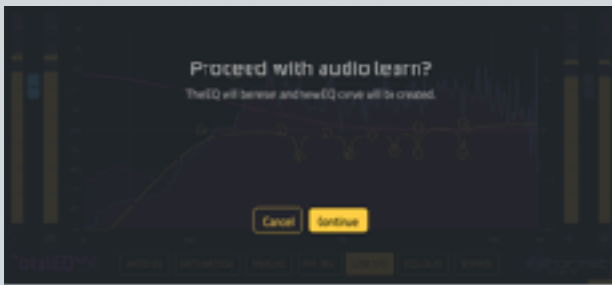
You can select **multiple EQ points** by dragging a box over the spectrum. When multiple points are selected, **any edits apply simultaneously** to all selected bands.

## Extra Panel: Full Control for Each Band

Every band includes an advanced settings panel offering:

- **Analog:** enables realistic analog response simulation with natural micro-variations.
- **Saturation:** introduces controlled harmonic distortion.
- **Amount:** saturation level from 1 to 10.
- **Source:** choose between stereo, mid, side, or external sidechain.
- **Dynamic EQ:** activates reactive behavior based on signal level.
- **Auto:** automatically sets threshold, attack, and release.
- **Threshold / Attack / Release:** manual control if Auto is disabled.

# Auto EQ: Smart Processing That Listens

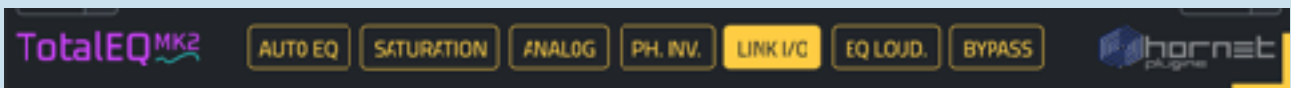


The AUTO button activates intelligent signal analysis:

- **HarmoniQ** removes resonances and unwanted peaks.
- **BalanceEQ** applies a high-pass filter if needed and adjusts the tonal tilt to -4.5 dB/oct for a natural, balanced response.

This feature is ideal for instantly achieving a clean tonal foundation, ready for further shaping.

## Global Controls and Signal Management



- **SATURATION:** enables saturation across all bands and adjusts its intensity.
- **ANALOG:** simulates analog behavior on all bands.
- **PH. INV.:** inverts the input signal's phase.
- **LINK I/O:** links input and output levels inversely for saturation control.
- **EQ LOUD:** maintains consistent loudness using LUFS-based gain compensation.
- **BYPASS:** disables all processing for A/B comparison.

## Settings Panel: Customization and Technical Info

Click on the plugin name (bottom left) to open the settings panel where you can:

- View the version and build date.
- Set the UI theme (light, dark, or automatic).
- Adjust the spectrum analyzer slope (default: 4.5 dB/oct).
- Define the spectrum dynamic range, from -120 to -24 dB.

## Conclusion

HoRNet TotalEQ MK2 is a flexible, intelligent, and sonically refined equalizer. With dynamic EQ, smart analysis, analog-style saturation, and detailed visual feedback, it's the perfect tool for producers and engineers seeking surgical precision and organic musicality in one plugin.