

# FFB914

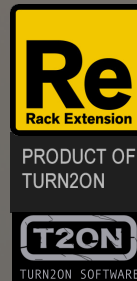
## RESONANT FIXED FILTER BANK



## TEQ511

### TWO-BAND EQUALIZER

[RACK EXTENSION]  
MANUAL



FX device by Turn2on Software



The **TEQ511** Equalizer is inspired by the classic **Electrodyne™ 511** EQ, a revered piece of studio gear from the golden age of analog recording. Originally designed as part of the modular 500 series, the Electrodyne™ 511 became famous for its smooth curves, musical response, and ability to add analog warmth to any signal.

Our modern take on this classic design retains its iconic sound while adding features to meet today's demanding production standards. The **TEQ511** is ideal for producers and engineers who need precise tonal shaping with added flexibility for creative sound design. We've included Low-Pass (LP) and Band-Pass (BP) filters, pre- and post-EQ positions, and modern conveniences like Mix and Wet/Dry controls for parallel processing. These updates make the **TEQ511** not just a faithful homage but a powerful tool for the modern studio.

**TEQ511** Equalizer: Classic Analog Warmth, Modern Flexibility

The **TEQ511** brings the legendary sound of the Electrodyne 511 EQ into the digital world, combining analog-inspired tones with modern enhancements.

With added LP and BP filters, mix controls, and 60+ expert-crafted presets for drums, vocals, guitar, bass, and more, the **TEQ511** is your ultimate tone-shaping partner. Whether you're adding warmth, sculpting frequencies, or experimenting with parallel processing, the **TEQ511** delivers vintage character and unmatched versatility.

Try the **TEQ511** two-bands equalizer as part of your Reason Rack today.

Inspired by legendary Electrodyne™ 511 two-band equalizer, improved in modern way

# TEQ511



## MAIN EQ CONTROLS

<b>LOW FREQ LEVEL</b> +/- 12 dB	The filter frequency is fixed at 100 Hz. This control adjusts the level of the lowpass filter (24 dB/oct), affecting frequencies at and below 100 Hz.
<b>LOW BAND FREQ</b> 50/100/250/500 Hz	This allows adjustment of the low band with a range of fixed frequency points. Use it for adding warmth, weight, or reducing muddiness in your mix. In Peak mode, this band is precise for targeted low-end adjustments, unlike the original 511 which only supports shelving here.
<b>LOW FREQ MODE</b> Shelf / Peak	The filter frequency is fixed at 7.5 kHz. This control adjusts the level of the highpass filter (24 dB/oct), affecting frequencies at and above 7.5 kHz.
<b>HIGH FREQ LEVEL</b> +/- 12 dB	<b>Classic:</b> Replicates the behavior of the original 914 module, where the knobs only attenuate the signal from 0 dB down to $-\infty$ . <b>Boost:</b> Allows both attenuation and amplification, reducing the signal to $-\infty$ or boosting it up to +12 dB.
<b>HIGH BAND FREQ</b> 50/100/250/500 Hz	Offers frequency points for controlling the high band. Ideal for enhancing clarity, brightness, or cutting harshness. Like the Low Band, this band functions in Peak mode, granting enhanced flexibility compared to the original design.
<b>HIGH FREQ MODE</b> Shelf / Peak	Doubles the resonance intensity, creating sharper peaks and more pronounced harmonic content. Use with caution to avoid distortion.
<b>DRY</b>	Controls the level of the unprocessed signal. Increase for a more natural sound or parallel processing.
<b>WET</b>	Sets the volume of the EQ-affected signal. Blend with the Dry Level to achieve the desired tonal effect.
<b>MIX</b>	A global mix control to fine-tune the balance between dry and wet signals for seamless parallel EQ processing.
<b>LP FILTER</b>	This filter removes high-frequency content above the cutoff point.
<b>HP FILTER</b>	Applied pre-EQ or post-EQ. This filter removes high-frequency content above the cutoff point.
<b>LP/BP FILTER CHAIN MODES</b>	LP and BP filter applied pre-EQ or post-EQ processing.
<b>GAIN OUTPUT</b>	Adjust the level of the main output signal
<b>PATCH BROWSER</b>	EQ511 includes 60+ carefully crafted presets optimized for various sources such as drums, vocals, guitars, and bass. These presets are starting points, designed to showcase the TEQ511's versatility.

# HOW TO USE

## How to use TEQ511 equalizer

### 1/ Setting the Bands

Use the Low Band and High Band knobs to sculpt your sound. Both bands now can operate as Shelf or Peak filters, including all frequency values (in original device band at 500 Hz and 10 kHz settings work only as Shelf filters, ignoring Peak mode).

### 2 /Pre- and Post-EQ Filters

Engage the LP Filter to remove high-frequency content or the BP Filter to isolate specific frequency ranges. Experiment with placing these filters before or after the EQ section for different tonal effects.

### 3/ Parallel Processing

Adjust the Dry, Wet, and Mix controls for parallel EQ processing. For instance, blend a heavily processed signal back with the original to maintain dynamics while adding color.

## Tips & Tricks

1/ **Drum Sculpting:** Boost the low band to add punch to kicks while cutting high mids with the BP filter post-EQ to reduce cymbal harshness.

2 / **Vocal Brightening:** Use the high band in Peak mode for silky, open top-end enhancement. Add a touch of the LP filter post-EQ to tame sibilance.

3 / **Bass Tightening:** Apply a narrow BP filter pre-EQ to isolate the fundamental, then boost the low band for added depth. Use the Mix control to blend in clarity from the unprocessed signal.

## Enhanced Features Compared to the Original

### 1/ Peak Mode:

Both the 500 Hz and 10 kHz bands work in Peak mode, offering precision not available in the original Electrodyne 511.

### 2/ Comprehensive Filters:

Added pre-EQ low-pass and post-EQ band-pass filters extend creative possibilities.

### 3/ Mix Section:

Parallel processing with Dry, Wet, and Mix controls allows nuanced blending of EQ adjustments.

The plugin includes 60+ carefully crafted presets optimized for various sources such as drums, vocals, guitars, and bass. These presets are starting points, designed to showcase the TEQ511's versatility.

## REAR PANEL



## CONNECTORS

## AUDIO I/O

Mono or Stereo connections for audio signals.



## CV INPUTS

Use these CV inputs to control the main parameters by external CV source curves



## SIGNAL ROUTING

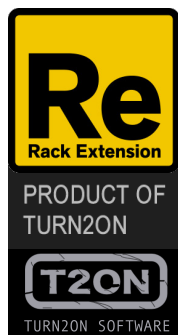
True stereo fx





TEQ511

TWO-BAND EQUALIZER

 Reason Studios Add-on Shop**Turn2on**

Rack Extension Developer

contacts: <https://turn2on.com/>  
[support@turn2on.com](mailto:support@turn2on.com)

Thanks to all beta-testers



*Thank you very much for supporting us by choosing our products.*

*This allows us to develop future interesting and creative effects / utilities / instruments in the Rack Extension format.*

*We try to keep prices as low as possible. Don't hesitate to contact support with any questions regarding our products or to offer your own ideas for product updates or even new products you would like developed.*

