

551 Inductor EQ Plug-in

User Guide



Table of Contents

- 2 Introduction
- 3 Plug-in Interface
- 4 Controls
- 7 Technical & Support Information

Introduction

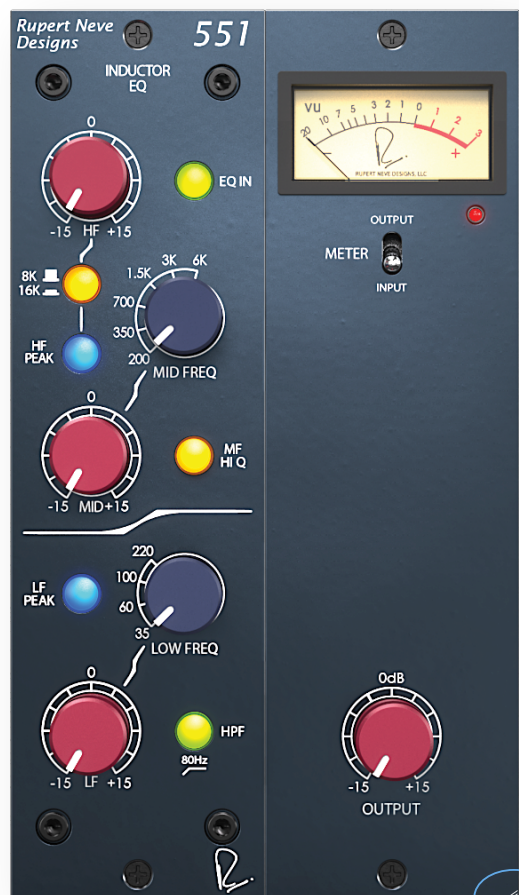
Originally released in 2014, the 551 Inductor EQ has an important distinction in our 500 series lineup - It is the only 500 series EQ ever designed by Mr. Rupert Neve himself. The 551 quickly found a home in mixing & mastering studios, at FOH & MON in Live Sound engineers rigs, and in music production studios. Each EQ band borrows from Rupert's highly coveted vintage designs while simultaneously incorporating a more modern design approach. The result is a highly musical & colorful EQ that can shape, smooth or enhance virtually any source within seconds.

We recommend diving in to the 551 by trying it on a stereo drum group. You'll find that you can quickly add some low end punch, clean up any mid-range issues and add a little sparkle to the top end, if need be. After that we encourage you to put it on literally any source you feel it's needed. With any luck you're sure to uncover new ways to use it - ways we never even thought of...



Plug-in Interface

There are 2 different user interfaces included with the 551 plug-in. One for mono sources and another for 2-channel/ stereo sources. Controls for the EQ are identical on both versions. The 2-channel version has additional controls, including linking and 3 different processing modes, DUAL MONO, STEREO & M/S (mid/side).



Mono



2-Channel

Resize by clicking and dragging here

EQ Controls



EQ IN

Engages all 3 bands of the 551 EQ except for the high pass filter.



VU METERS

Level Meters that can display either the input level or output level of the signal. The red indicator light illuminates when the selected stage is reaching the plug-in's clipping point.



OUTPUT TRIM

Output level control within a range of +/- 15dB. On the 2-channel instance you will have independent Output Trim controls for CH A and CH B.



LINK

Activates control linking function on the 2-channel plug-in instance. Engaging this links all the EQ controls to each other. This can be used in DUAL MONO, STEREO or M/S processing modes. It's important to note that engaging LINK will maintain the relative offsets of each channel's controls when in DUAL MONO or M/S mode.

*** Please make sure to engage link first if you want the controls to stay matched as you adjust one channel*

EQ Controls (continued)



High Frequency Band

The HF band has the ideal balance between a vintage & modern sound. The plug-in emulates the colorful inductors and how they interact with our custom transformers and surrounding modern components included in the hardware to generate useful, musical harmonics at every turn.

HF

Controls the amount of boost or cut for the high frequency band within a range of +/- 15dB.

8K/16K

Toggles the center or corner frequency between 8K/OFF and 16K/ON.

HF PEAK

When this switch is OFF, the HF band operates in shelf mode, boosting or cutting above the selected corner frequency at 6 dB/octave. With the HF PEAK button pressed, the high frequency band changes to peak mode with a bell shaped boost or cut curve.



Mid Frequency Band

The Mid section is a Peak EQ band with an instantly familiar sound, due to a close resemblance to Rupert's vintage 1073 modules. This section is ideal for quickly fixing problem areas or pushing a source 'forward' in the mix.

MID

Controls the amount of boost or cut for the MID frequency band within a range of +/- 15dB.

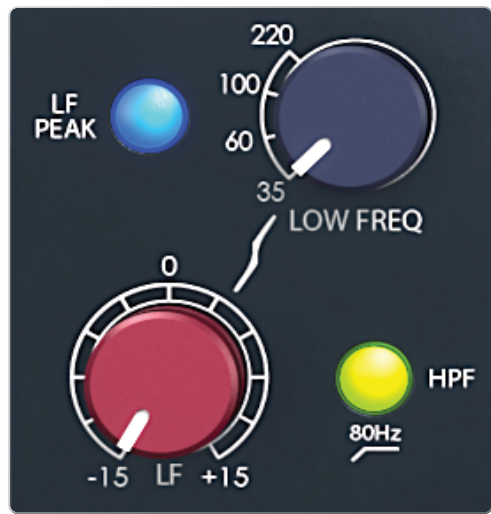
MID FREQ

Adjusts the center frequency of the MID peak from 200Hz, 350Hz, 700Hz, 1.5kHz, 3kHz, or 6kHz.

MF HI Q

When this switch is OFF, the MID band operates with a fairly wide Q setting, boosting or cutting based on the center frequency that's selected. With the MF HI Q switch engaged, the mid frequency Q setting becomes narrower, allowing for more precise EQ adjustments.

EQ Controls (continued)



Low Frequency Band

The LF band references the creamy texture Rupert's vintage 1064 modules were revered for, while also improving sonic clarity and increasing flexibility with the shape of the curve. There is ample opportunity for generating lush harmonics with the 551, especially in the LF band.

LF

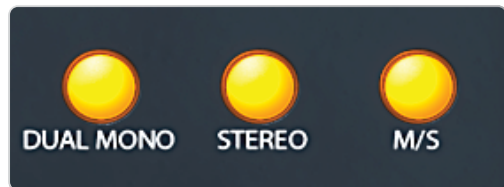
Controls the amount of boost or cut for the low frequency band within a range of +/- 15dB.

LOW FREQ

Adjusts the corner/center frequency of the LF Peak/Shelf from 35Hz, 60Hz, 100Hz, or 220Hz.

LF PEAK

When this switch is OFF, the LF band operates in shelf mode, boosting or cutting above the selected corner frequency at 6 dB/octave. With the LF PEAK button pressed, the low frequency band changes to peak mode with a bell shaped boost or cut curve.



2-CHANNEL Processing Modes

This section increases the flexibility of potential processing techniques. Once a 'stereo' or 'multi-channel' instance of the plug-in is opened, you will see these 3 modes available. DUAL MONO mode allows you to process each channel individually, STEREO mode assigns CH A controls to both CH A & B, and M/S mode assigns the mid channel to CH A and the side channel to CH B.

Technical & Support Information

You can demo any Rupert Neve Designs plug-in for a period of 14 days.

To start a demo of any RND plug-in, simply download and install the desired plug-in(s). Upon launching your DAW, you can start a demo by clicking the “Try” button for any RND plug-in. You will be asked to log into your iLok account, and the demo authorization period will begin.

Downloads for each Rupert Neve Designs Plug-in Installer can be found here:

<https://plugins.rupertneve.com/downloads>

For additional information, including Plug-in User Guides, FAQs, System Requirements or to contact our support team, please visit this link:

<https://plugins.rupertneve.com/support/>