

# Neo EQ

Next Generation EQ which could tracking the pitch



Developed by



## Operational Manual

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Version 1.0

## Register Neo EQ

Neo EQ must be registered before it could sound.

You have to enter keycode into the text box.

First, please find the text box named Enter Your KeyCode Here



\* Enter Your KeyCode Here \*

Then paste the keycode into the box



%'REgP7'.vRY=gc!wR#%m'pd5\TM\*u(.kJ;

Press Enter, you will see Authorized to XXXXXXXX



Authorised to Wang Yichi@Beijing

If the text box still shows the keycode, it means the keycode is not correct, You need to contact customer service to get a new keycode. Please note 95% of the failures are caused by copy one more space at the beginning or the end of the keycode.

What if YOU enter the keycode incorrectly?

The only solution for this problem is for the customer to delete the Windows Registry Entry.

Click "Start" on the windows desktop.

Click "Run" and type in 'regedit' then press enter. A window will appear.

Click the 'Edit' tab and select 'Find...' and type in "NEOMIXING "then press enter.

Right click on the folder highlighted in the Left window and select 'Delete' and click 'Yes' to confirm to delete this item.

Close the window.

Load the VST and it should show " \*Enter Your KeyCode Here \* "

If it does not show this message you should follow the above procedure again taking care to follow every step.

## Controls

**Bass:** Boost or decay bass frequency. The frequency will range from 40Hz to 120Hz depend on the input signal.

**Basic Frequency:** Boost or decay the fundamental frequency of the audio signal. It is often in a 200Hz-1500Hz range depending on the input signal. Adjust it will influence the whole sound very much.

**2<sup>nd</sup> Harmonic:** Boost or decay the 2<sup>nd</sup> harmonic of the input signal. Changing 2<sup>nd</sup> harmonic will also influence the overall sound very much.

**Higher Harmonic:** Boost or decay the higher harmonic of the input signal, often the 3<sup>rd</sup> or 4<sup>th</sup> harmonic. It often ranges from 3000Hz to 7000Hz.

**Highs:** Boost or decay the high frequency above 8000Hz.

**Response:** The smoothness of the pitch changing speed. Left is the slowest while Right is the fastest. Please note too fast may cause more distortion.

**Bandwidth:** The overall bandwidth control.

**Styles:** Choose the styles for the behavior of Neo EQ.

American is a rather free style, sounds open and warm. Cutoff Frequency, Gain and Q are independent.

German loves to be accurate, this setting tend to strictly follow a math rule between the three factors of EQ.

British are always gentlemen. Under this setting, Neo EQ tends to sound gentle, no harsh. Neo EQ will tend to boost less with a wider bandwidth under this setting.

**Dynamic:** When turns it on, Peak Level will be also calculated as a factor.

**Sample and Hold:** Hold the current pitch detection result. It is very useful when you use a piece of audio first, then hold it in order to copy the static EQ setting to later audio signal.

**Lookforward Type:** Choose the look forward type. Realtime means no latency. Small indicates that there will be 4 ms delay for the audio signal. Large means there will be 30 ms delay for the audio signal.

**Highs Type:** Three types for the Highs. Mixing means adjustments around 8000Hz. Mastering means adjustments around 12000Hz while A.I.R is a special mastering technology for high frequency.

**Polyphony/Multi Mode:** Above 2<sup>nd</sup> Harmonic and Higher Harmonic slider, they have this mode. When turn this mode on, Neo EQ will use a separate pitch detector to detect the pitch, not predict it by calculation.

**Modify S:** Only appears in M/S version. When turns it on, Neo EQ will only process S, not M.

## **Using different versions**

Neo EQ provides different plug-in versions to fit for different usage

Neo EQ has a Mono postfix states that it is a mono version

Neo EQ has a ms postfix states that it is a M/S version

Neo EQ has a Sidechain postfix states that it is a sidechain version

## **Updates**

If you want to request a update which is often for free. Please contact our customer support at [support@soundemon.com](mailto:support@soundemon.com)