

# Purafied

SLP 538 EQ Manual Ver 1.0.3

## 1. Introduction

## 2. Setup

### 2.1 Installation

### 2.2 Product Registration

### 2.3 Updating

### 2.4 Uninstallation

## 3. Controls

## 4. Modeling details

## 5. Troubleshooting



**Purafied.com**

# 1. Introduction

## Rehab for EQ Tweakers

The SLP 538 EQ is your new channel EQ if you like to actually finish mixes. We started with producer Sam Pura's favorite, criminally underappreciated, streamlined variant of the best sounding console EQ. Then we genetically spliced it with the sought-after stepped-knob workflow of its direct competitor, delivering the best of all hardware tone shapers in one impossible plugin. To make this the last EQ you'll ever need, it also has auto gain to stop volume creep, built-in filters, phase inversion, and our obligatory THD knob. It sounds good on practically everything. Our mission is to make every EQ move effective and obvious by cutting out variables, giving you a sound you love as fast as possible. Forget staring at squiggly yellow lines for hours; it's time to stop letting your eyes dictate your sound.



# 2. Setup

## 2.1 Installation

**For Mac users:** The included installer should install the plugin's VST3, AU, and AAX formats automatically, you may need to restart your DAW to see the plugin listed.

**For Windows users:** The included installer places the plugins in the following places:

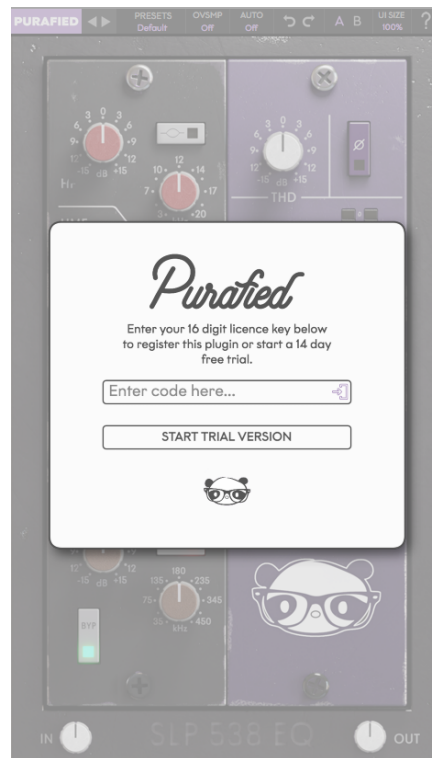
```
VST3:  
    C:\Program Files\Common Files\VST3  
AAX:  
    C:\Program Files\Common Files\Avid\Audio\Plug-Ins
```

For alternative locations, drag the included plugin files to the folder directly.

If after restarting your DAW, you still don't see the plugin listed, **check your DAW's plugin folder settings**, and be sure that the plugin is in the proper location for your software.

## 2.2 Product Registration

When using the SLP 538 EQ for the first time, you will see the product registration screen, and if you have not yet purchased a license, here is where you can begin your trial period. Otherwise, enter your license key for the product and click the icon to the right of the text box to finish registration and start finishing mixes.

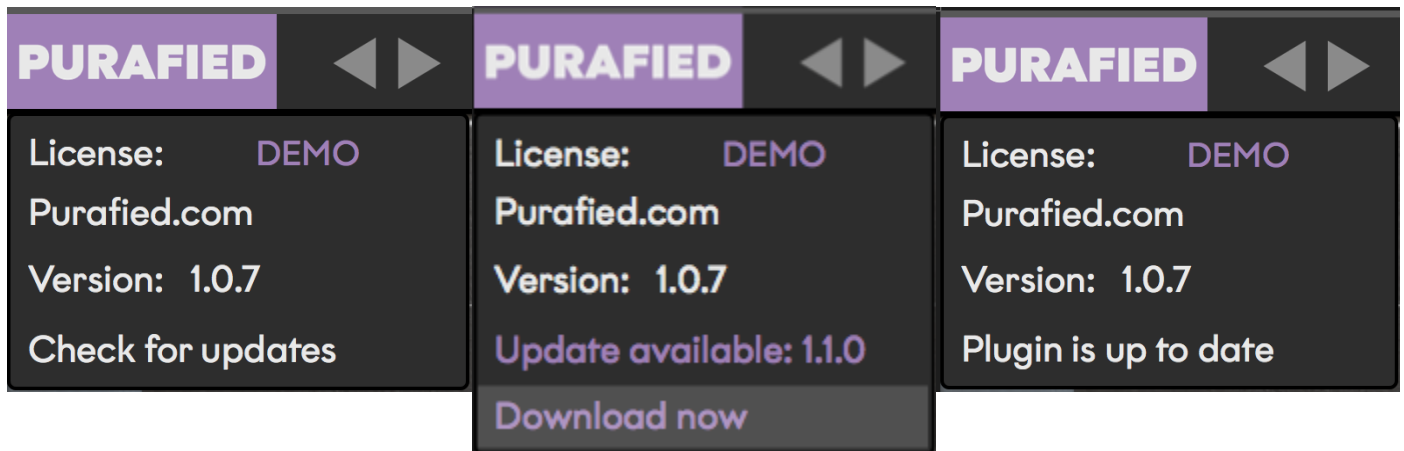


**During trial mode** you can still register at any time by clicking the **PURAFIED** logo in the top left, and opening the registration prompt from there.

**After your trial ends** you will go back to seeing the registration prompt every time you open an instance, and you will have to register the product to continue.

## 2.3 Updating

To keep your copy of the plugin up to date, click the **PURAFIED** logo in the top left, and then click **Check for updates**. If an update is available, click **Download now** to open the download page for the plugin. With this new version of the plugin, run the installers as described in **Chapter 2.1**, and replace your previous installation of the plugin. After you restart your DAW, checking for updates within the plugin should report that your **Plugin is up to date**.



1. Checking for updates

2. If update is available

3. If you're up to date

## 2.4 Uninstallation

**For Mac users:** Delete the plugin files from the following folders:

```
VST3: /Library/Audio/Plug-Ins/VST3/  
AU: /Library/Audio/Plug-Ins/AU/  
AAX: /Library/Application Support/Avid/Audio/Plug-Ins
```

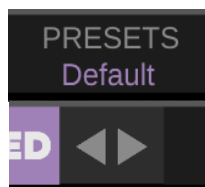
The system Library folder should be listed within Macintosh HD, but if you have trouble finding your plugins, you can click **Go To Folder**, paste in one of the paths listed above, and click **Go** when you're finished.

**For Windows users:** Remove the plugins from the same place they were installed. The common locations are:

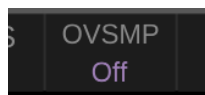
```
VST3:  
C:\Program Files\Common Files\VST3  
AAX:  
C:\Program Files\Common Files\Avid\Audio\Plug-Ins
```

**If you don't find anything, or still see them in your DAW, check the plugin folder locations for your DAW.**

## 3. Controls



**PRESETS** selects one of the versatile presets created by Sam Pura and his best friends, or save your own with the user preset slots. The **arrows** to the left switch between presets quickly.



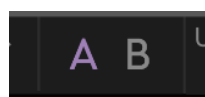
**OVSMP** sets the oversampling rate for the plugin. Its default is Off, but it can go up to 16x. Oversampling increases CPU usage but can reduce aliasing.



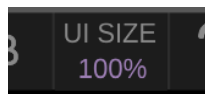
**AUTO** gain compensates for your EQ adjustments by invisibly adjusting gain. Filters are ignored. Off by default.



**Undo and redo** can move back and forward in the history of tweaks you've made to the controls.



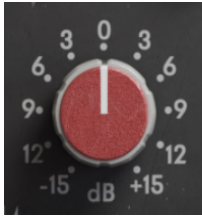
**A B** switches between two saved states of the plugin. It's useful for comparing changes.



**UI SIZE** changes the size of the window from 75% to 175%, defaults to 100%.



**?** opens the manual of the plugin



**Gain** for each EQ band is controlled with the leftmost knob marked **dB**. Each band goes from -15 to +15 dB and defaults to 0 dB.



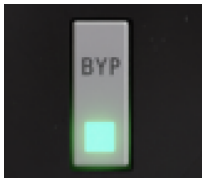
**Frequency** for each EQ band is controlled with the rightmost knob marked **kHz**. Each band has a different range depending on their intended usage, and have different center/default frequencies. Band details are in **Chapter 4**.



HF and LF bands can be toggled between acting as **a shelf or a bell** shape, defaulting as shelves and toggled with this button on each.



**HI Q** can be enabled on HMF and LMF bands to narrow their bandwidth, useful for selectively removing resonance. Defaults to off.

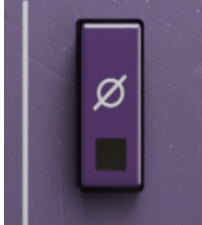


**BYP** on the left side of the plugin toggles bypass on the plugin, defaults to un-bypassed.





**THD** controls how much total harmonic distortion to include in the EQ model. 0 is the default, being the natural amount recorded, but you can boost or remove saturation by +15 dB and -15 dB respectively.



**Ø** toggles the phase inversion of signal passing through the EQ. Defaults to aligned/0°/do nothing.



**GAIN** and **FREQ** can be **STEPPED** with these buttons enabled, snapping the gain knobs to 1.5 dB increments and the frequency knobs to a scale tuned for each band. Defaults to enabled.



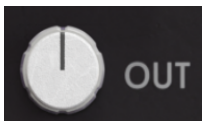
**Filter Frequency** is controlled with the knobs labeled with a filter shape and **Hz**. Both the high and low pass filters can be disabled by turning their frequency to **OUT**. Ranges are different for each, defaulting to OUT.



**IN** on the right side of the plugin will toggle bypass on the high and low pass filters. Defaults to un-bypassed.



**IN** on the bottom of the plugin sets signal gain going into the EQ model, from -12 dB to +12 dB, defaults to 0 dB.



**OUT** sets signal gain coming out of the plugin, from -12 dB to +12 dB, defaulting to 0 dB.

**TIP: Shift-click a knob to type its value in directly!**

## 4. Modeling details

Sam Pura first met with the hardware inspiration for this EQ when working out of a studio that used DIY pro audio equipment before DIY pro audio was a thing. He planned to use a quick stepped EQ for tracking drums, but the studio owner recommended he try a set of relatively obscure console EQ's from a well-known manufacturer, which Sam loved so much he exclusively used a custom set of two for the next several years. This means he would print each channel individually so that they could all be graced with this EQ's glorious tone. Not only did they sound awesome, but they had a unique bandwidth switch instead of a knob, removing another way to waste time during a tracking or mixing session.

Time goes on and friends grow apart, and Sam eventually parted ways with his custom EQ duo in order to fund other EQ options that served more niche purposes, but he gradually began to feel a deep void in his soul where the duo had once been. Not even other EQ's from the same manufacturer could quell his sadness, so he was eventually forced to turn to a life of searching used gear sites endlessly, often losing sleep over his plight, his only respite in the form of smashing drums in his acoustically perfected studio and asking clients to hit their guitar strings harder.

Until one day, the legendary best friend Chad Blondel (who also had a love of the underdog console unit) worked together with Sam over weeks of postal errors to transplant Chad's 10 channel unit into The Panda Studios, where it remains today. In celebration of this incredible piece of gear, one of Purafied's first goals was to share it with the world in the form of a plugin, adding the filters from other console EQ's by this manufacturer, our magically adjustable THD, optionally stepped knobs, auto gain, and other modern flexibility and comfort features that solidify the plugin as a go-to for pretty much anybody.

# 5. Troubleshooting

1. Be sure to re-read through the **Setup** section of this manual just in case
2. Check the [Purafied FAQ](#) to see if your issue is already listed
3. If not, contact [panda@purafied.com](mailto:panda@purafied.com) with your plugin version (click the **PURAFIED** logo in the top left to find this), the details of the issue, and the steps to reproduce it.