NEWFANGLED AUDIO

Contents

Chapter 1

Newfangled Audio Obliterate

Obliterate is angry.

Obliterate doesn't make your audio sound better, it wants to destroy it.

Obliterate isn't just angry.

It wants to make your song angry.

It wants to make your listeners angry.

Obliterate wants to make everyone angry.

Obliterate started life as a filter, but there was a bug in the code. We could have fixed that bug, but we let it fester. Over time that bug grew and mutated. It gained new powers and its anger warped them to its evil will. Seven years after that initial bug Obliterate can't be described as a filter at all. It more like a new form of resonant distortion. Use cautiously. Use sparingly. And always clean up afterward.

Chapter 2

Navigation Bar

At the very top of the plug-in is a navigation bar which allows you to undo and redo changes, access the preset librarian, settings, and manage several other global features of the plug-in.
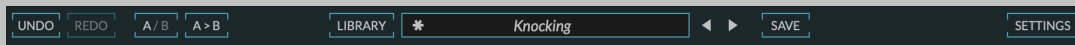
2.1   UNDO/REDO

On the far left is an UNDO and REDO button. After changing any plug-in parameter in the plug-in interface the UNDO button will activate. Pressing it at this point will undo this action. At this point the REDO button will become active, and pressing it will redo this action. Multiple levels of undo are available and you can move back through several changes to reach an earlier state.

2.2   A/B COMPARE

Next you'll find buttons labeled A/B and A>B. These two buttons allow you to easily toggle between two states of the plug-in and compare the sounds. By default the plug-in is in the A state and you'll notice that the "A" is highlighted. In this state pressing the A>B button will copy the A state to the B state. Toggling the A/B button will switch to the B state, highlighting the "B" and switching the A>B button to B>A (allowing you to copy the B state to the A state).

Any changes you make in the plug-in interface will update the highlighted state. In this way, you can copy the A state of the plug-in to the B state, make changes to the A state, and use the A/B button to compare these two states.

2.3 LIBRARY

The Library button launches the Preset Librarian which can be used to explore the plug-ins presets based on any combination of category, author, tags, or favorites.
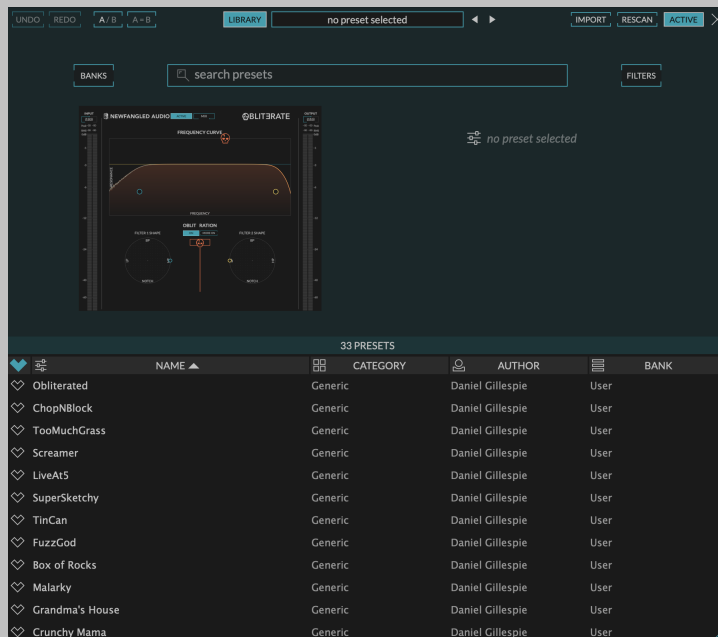
The Preset Librarian is split into four main sections.

2.3.1 SEARCH and FILTERS

The top of the Preset Librarian shows the BANKS, SEARCH BAR, and FILTERS.

Typing a phrase into the search bar will allow you to search all the presets by a given phrase. You can further restrict this search by selecting a BANK or FILTERS.

Pressing the BANKS button opens a screen which allows you to restrict your search to the presets in either the FACTORY or USER bank. Or additional preset banks if you have any installed.

Pressing the FILTERS button opens a screen which allows you to restrict your search to presets matching a specific CATEGORY, AUTHOR, or one of several TAGS. Additionally, you can restrict your search to FAVORITES if desired.
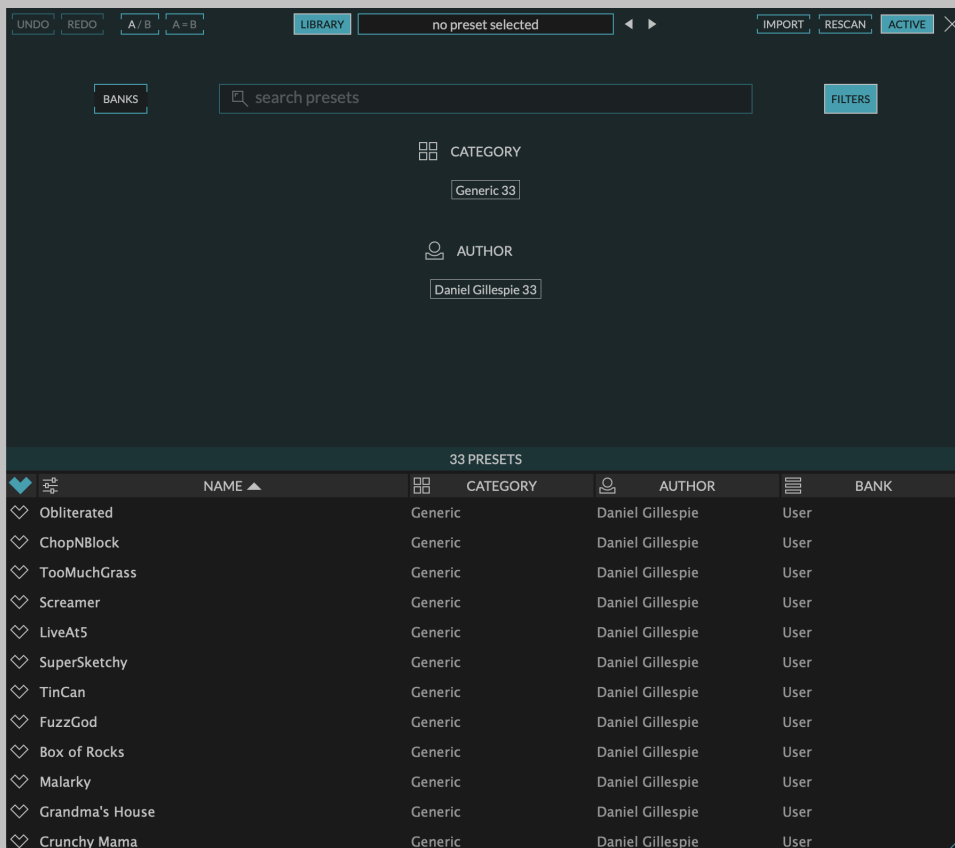
2.3.2 PRESET LIST

The bottom of the Preset Librarian shows the list of presets which match the current criteria. It displays the FAVORITE status using a heart icon, the preset NAME, the preset CATEGORY, the preset AUTHOR, and the preset BANK. You can sort the list by any of these. The up and down arrows on your keyboard will allow you to toggle through the presets.

2.3.3 PRESET INFO

The center right of the Preset Librarian displays information about the currently loaded preset. This area shows the preset name, a short description if available, the category, the preset author - including a link to their work, the preset's tags, and its bank.

2.3.4 PLUGIN UI

The center left of the Preset Librarian displays a miniature version of the plug-in UI. This plug-in UI is not editable, but it is live and will show you the current settings of the plug-in, as well as any meters. We've found it

incredibly useful to see this display as we've toggled through presets to get a sense of what each preset does.

2.4   PRESET SELECTOR
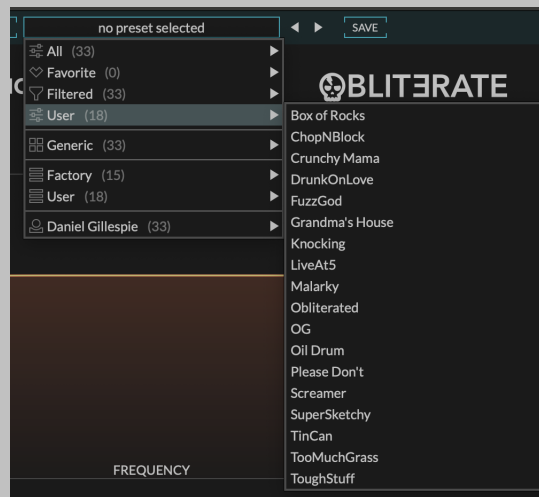
In the center of the navigation bar is a dropdown preset selector. Clicking on this preset selector will show you the plug-ins presets in several views.

1. All will show you all the presets in alphabetical order.

2. Favorite will show you all your favorite presets in alphabetical order.

3. Filtered will show you all the presets which correspond to the current filter in alphabetical order. This filter is set up in the preset librarian.

4. Underneath these the presets are displayed according to their Category, as assigned when a preset is saved.

Once you load a preset from this dropdown list the Left and Right arrow buttons allow you to toggle through the selected subgroup in order. For more advanced preset selection click the LIBRARY button to enter the preset librarian.

Additionally, if you like the sound of the current preset you can click the heart icon to set the loaded preset as a favorite. If a loaded preset is modified the heart icon will become an asterisk and the preset name is italicized, indicating that the current sate no longer matches that of the saved preset.

2.5   SAVE

The SAVE button launches the preset save screen where you can save a preset and assign categories, tags, and descriptions, as well as set the default state of the plug-in.
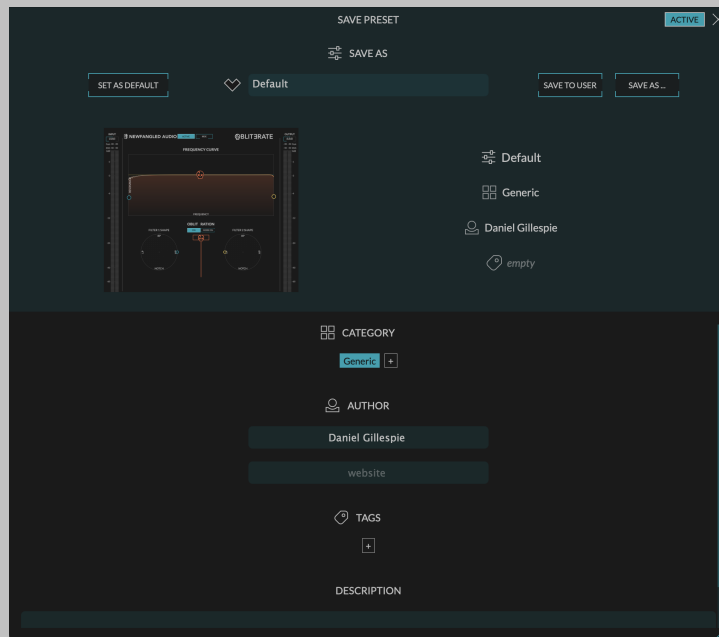
2.5.1   PRESET NAME

This field sets the preset name. There can only be one preset with a given name.

2.5.2   SET AS DEFAULT

This button will set the current state of the plug-in as a plug-ins default. This means when you load the plug-in the it will default to these settings.

2.5.3   HEART ICON

This will mark this preset as a favorite when you save it.

2.5.4   SAVE BUTTON

This button saves the preset

2.5.5   EXPORT BUTTON

In order to be browsed by the plug-in the presets are saved in a particular folder. However, if you want to save the preset elsewhere on your computer you can use the EXPORT button to export it as a file.

2.5.6   PLUGIN UI and DESCRIPTION

This section shows the current settings of the plug-in, and how it will appear in the preset librarian.

2.5.7   CATEGORY

Set the category for the preset you are saving. A preset can have only one category. If the preset doesn't fit into any of the existing categories you can use the (+) button to create a new one.

The existing categories are based on those that are found in the existing presets. If you create a new one it will appear in this list with an "X" on it. If you decide not to use the newly created CATEGORY you can remove it by clicking on the "X". However, once the preset is saved this category will be permanent and available to all newly saved presets, unless you delete all presets which use it.

2.5.8   AUTHOR

The AUTHOR section allows you to add your name and a url if you maintain a presence on the web. This will be automatically populated with the information from the last saved preset, so you will only likely need to enter it once.

2.5.9   TAGS

You can add any number of TAGS to a saved preset. These TAGS will allow your preset to be found in the preset librarian. It's best to add the tags that apply to the preset, and don't add the ones that don't. You can create a new tag using the (+) button.

The existing tags are based on those that are found in the existing presets. If you create a new one it will appear in this list with an "X" on it. If you decide not to use the newly created TAG you can remove it by clicking on the "X". However, once the preset is saved this tag will be permanent and available to all newly saved presets, unless you delete all presets which use it.

2.5.10   DESCRIPTION

If desired you can add a short description to the preset. It's best to use this field to add information about what a preset is for, or any hints for a user about how to use it.

2.6   SETTINGS

The SETTINGS button pops down a settings page which contains additional options.
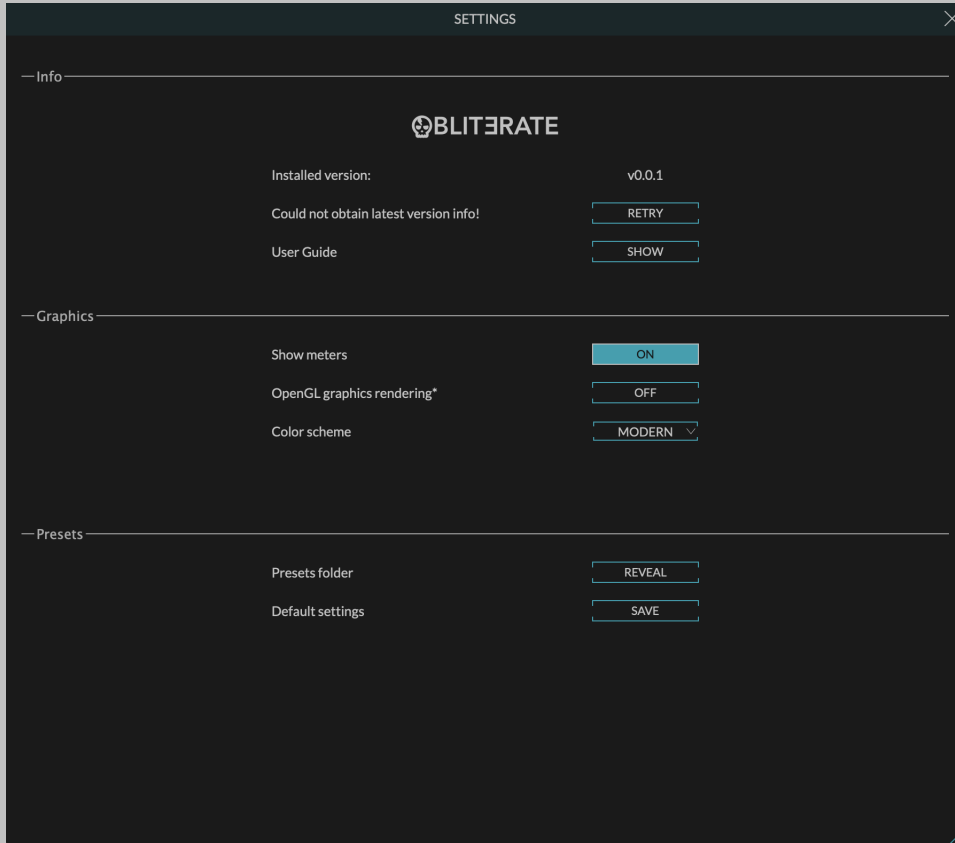
2.6.1   INSTALLED VERSION

This displays the version number that is currently installed. If you are running the latest version it will tell you. If there is an update an UPDATE button will appear. Clicking this button will bring you to the downloads page where you can get the latest version.

2.6.2   USER GUIDE

Pressing the SHOW button will launch this user guide.

2.6.3   SHOW METERS

The SHOW METERS button will show or hide the additional meters in Invigorate. Specifically, turning it off will hide the glow in the RADAR control,

the envelope graph behind the LEVEL DETECTOR section, and the curve graphic behind the CURVE section.

2.6.4 BRIGHTNESS

The BRIGHTNESS control will control the brightness of the glow in the RADAR control, the envelope graph behind the LEVEL DETECTOR section, and the curve graphic behind the CURVE section.

2.6.5 OPENGL GRAPHICS RENDERING

The USE OPENGL button will enable OpenGL rendering of the UI. For this setting to take effect you must close and reopen the UI. If you find that the plug-in UI renders better with OpenGL on or off on your computer you can save this as the default setting and new instantiations will always load using this setting.

2.6.6 COLOR SCHEME

The COLOR SCHEME dropdown will allow you to choose one of several different color schemes for your viewing pleasure.

2.6.7 PRESETS FOLDER

Clicking the REVEAL button will bring you to the presets folder. This is only necessary if you want to share your presets with someone else, or access these files for another reason.

2.6.8 DEFAULT SETTINGS

Pressing the SAVE button will save all the current settings as the default for the plug-in. This is useful if you'd like a different starting point than the one we've provided.

2.7 Resize

The bottom right corner of the UI will allow you to resize the plug-in. To change the default plug-in size drag the plug-in to the desired size and save over the default preset.

Chapter 3

Parameters and Metering

3.1   Controls

Obliterate started life as a filter and it still has the controls to match. It's primary controls are grouped into a FREQUENCY CURVE section, an OBLITERATION slider, and two FILTER SHAPE pads.

3.2   Active/Mix

At the very top of Obliterate is an ACTIVE button which switches the effect on and off and a MIX control that blends it between WET and DRY.

3.3   Frequency Curve

The FREQUENCY CURVE section displays the nominal filter curve shape and controls the cutoff FREQUENCY and RESONANCE of two filters and the Obliterator. Filter 1 and Filter 2 are multi mode filters that can be morphed between Lowpass, Bandpass, Highpass, Notch, and Allpass. The Obliterator is referenced by the skull. It's angry. We don't really know how it works. Maybe just move it around and figure it out?

Additionally, dragging anywhere on the background will move all three filters simultaneously.

Try automating this stuff, it sounds great.

3.4   Filter Shape Pads

Filter 1 and 2 are morphable multi mode filters and this pad morphs the shape between the 5 filters types. The top is Bandpass (BP), the left is Lowpass (LP), the right is Highpass (HP), the center is Allpass (AP) and the bottom is Notch (NTCH).

Try automating this stuff, it sounds great.

3.5   Obliteration Slider

Obliterate's final control sit he OBLITERATION slider. This controls how obliterated the output audio is.

Chapter 4

Installation and Instantiation

Newfangled Audio Obliterate is free and contains no licensing. Simply fill out the form to get a download link to download and install the plug-in. Once you do you can instantiate it in any supported DAW.

4.1   Installing Your Plug-In

Once you've launched the plug-in installer, it will take you through several pages of options. We have tried to choose defaults for these options which will best serve the majority of users, but it is worth a minute to make sure you understand these options before clicking through to the next page. A common issue with Windows VST plug-ins is choosing the correct VST directory, which can be different on each system. Please pay special attention to this setting. Once you have followed through the installer, your plug-ins and presets should be in your chosen locations, and you can hit finish to end the installer application.

At this point, you should be ready to use your Obliterate Plug-In.

4.2   Removing or Uninstalling your Plug-In

We're sure you'll love your Newfangled Audio plug-ins, but if you ever want to remove them from your machine it's as easy as removing the following files.

For Mac:

- Macintosh HD/Library/Audio/Plug-Ins/Components/<Plug-In Name>.component
- Macintosh HD/Library/Audio/Plug-Ins/VST/Newfangled Audio/<Plug-In Name>.vst

- Macintosh HD/Library/Audio/Plug-Ins/VST3/Newfangled Audio/<Plug-In Name>.vst3

- Macintosh HD/Library/Application Support/Avid/Audio/Plug-Ins/Newfangled Audio/<Plug-In Name>.aaxplugin

- /Music/Newfangled Audio/<Plug-In Name>/

For Windows:

- c:\Program Files\Common\Steinberg\VST2\Newfangled Audio\<Plug-In Name>.dll

- c:\Program Files\Common\VST3\Newfangled Audio\<Plug-In Name>.vst3

- c:\Program Files\Common\Avid\Audio\Plug-Ins\Newfangled Audio
<Plug-In Name>.aaxplugin

- My Documents\Newfangled Audio\<Plug-In Name>\

Chapter 5

Conclusion

We hope you enjoy Newfangled Audio's Obliterate plug-in. If you have
any questions, comments, or concerns please write us at support@newfangledaudio.com

Chapter 6

About Newfangled Audio

The Oxford English Dictionary defines Newfangled as "objectionably new".

Music technology can sometimes be a backward looking pursuit. This is understandable, the purpose of music technology should be to help musicians make great music. There have been many great pieces of gear in the past and we should seek to keep these pieces and make them available to people who want to use them, and the time and dedication required to master a musical instrument means that changes in their design are often evolutionary rather than revolutionary.

However, the great pieces of gear from yesteryear are more often than not those that contained new ideas in their time. The reverence we have for these pieces can sometimes turn into fetishism, and mindless re-creation of classic gear can fail to inspire musicians and artists to take new risks. It's important to make sure artists and engineers have access to good tools that inspire them and don't stand in their way, but these tools should never be used as a security blanket to stand in the way of an artist or engineers ears and taste.

Newfangled Audio seeks to only make gear that incorporates new ideas. We want to make gear that is great, but only using ideas that others are not. We realize that deviation from the norm might sometimes be objectionable. The Oxford English Dictionary defines Newfangled as "objectionably new".