FAST REVEAL

Manual

Focusrite • sonible

Contents

F A S T REVEAL

Introduction
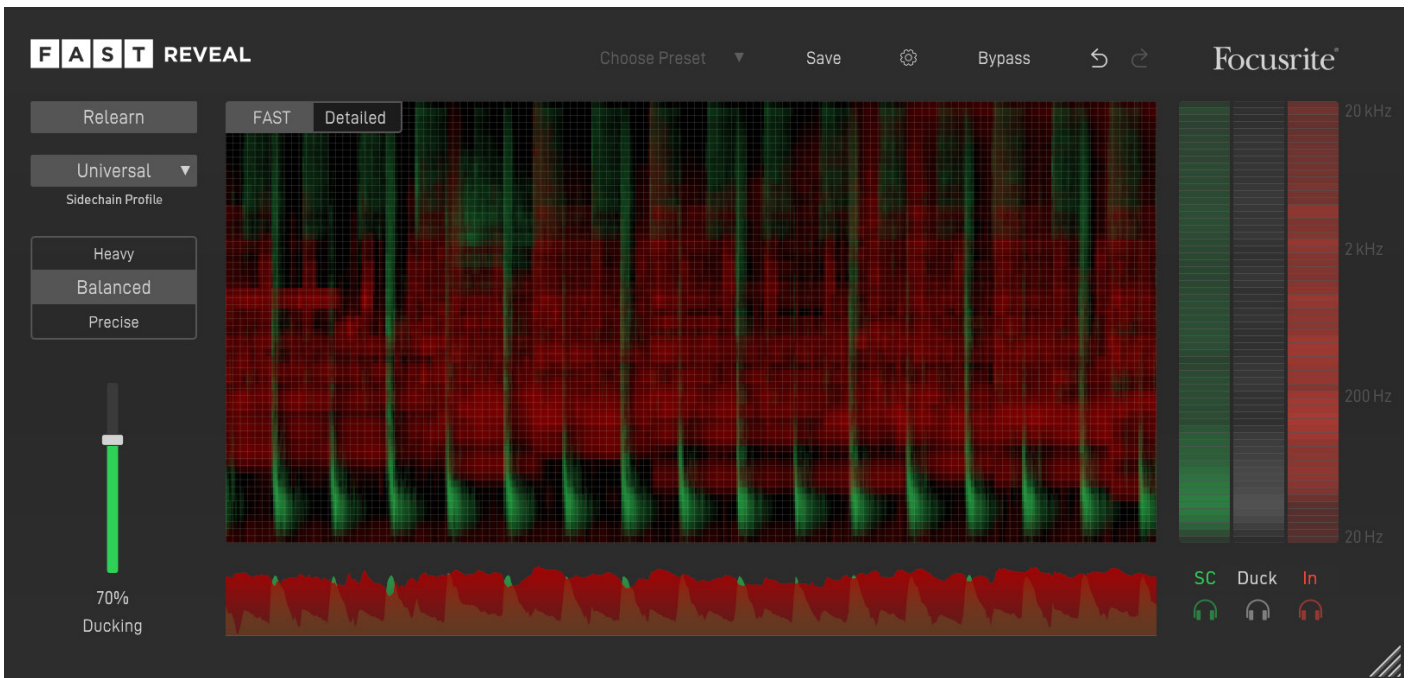
FAST Reveal is a multiband dynamics processing tool designed to create space between two tracks competing for attention in your mix.

Like all plug-ins of the FAST family, FAST Reveal has been designed with a simple goal in mind: Get great results, FAST!

Feature Overview

AI-powered Ducking

FAST Reveal uses AI technology to bring a track to the foreground of your mix (e.g. Vocal) by dynamically lowering the volume of another background track (e.g. Piano) whenever there are clashes in the frequency spectrum.
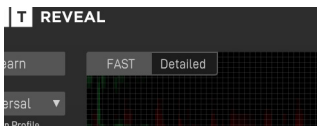
FAST View and Detailed View

The user interface has two view modes: FAST View provides the customised controls you need to keep in the creative flow while Detailed View provides deeper control over parameters.
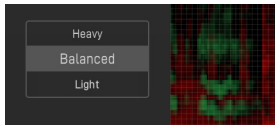
Flavour Buttons

Three Flavour buttons allow you to choose between a Heavy, Balanced or Precise ducking style.
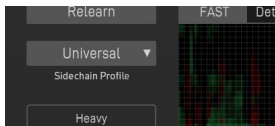
Profiles

Different profiles allow you to tell FAST Reveal what kind of instrument or voice the plug-in is dealing with. This ensures a perfect adaption of the processing to your audio material.

Signal Routing and Learning

FAST Reveal allows you to create space for a foreground track by dynamically lowering the volume of affected frequencies in a background track. Typical examples are a vocal competing with a piano track, or a kick drum clashing with a bass.

1. Identify Your Goal & Load FAST Reveal

Decide which signal is your background track and which signal is your foreground track. Load FAST Reveal onto your background track. This is the track that will actively be processed (ducked) by the plug-in.

2. Route Sidechain signal

Select the foreground track (the track you want to bring to the front) as the Sidechain signal for FAST Reveal. Once you have routed the sidechain correctly and pressed play in your DAW, you'll see two waveforms (red = background, green = foreground) in the Signal Display of FAST Reveal.

Main signal
(background track)

Sidechain signal
(foreground track)
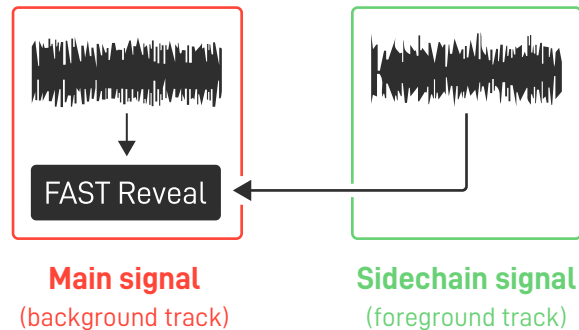
3. Select a Sidechain Profile & Start Learning
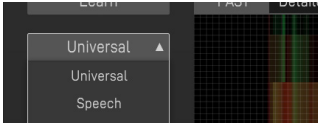
Once a sidechain is routed to the plug-in, you can choose a Profile that best matches this Sidechain signal. If you don't find a suitable Profile for the sidechain, simply select "Universal".

Now that everything is set up, start the audio playback and activate the learning process to enable the intelligent spectral ducking.

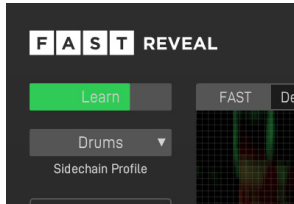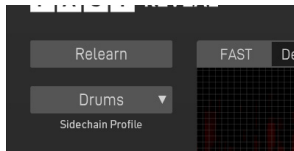During learning, FAST Reveal will identify critical spectral regions where the background track is masking the foreground track. Once the learning process in complete, FAST Reveal will dynamically reduce the level of the background track to make space for the foreground track.

If you want FAST Reveal to learn from a different section of the Sidechain signal, you can simply start the audio playback from your desired in point and click the Relearn button. You do not have to click the Relearn button when switching between Flavours or Profiles.

Example

Let's say you want to bring a vocal track to the foreground of your mix by dynamically lowering the volume of a piano track. In this case, the vocal is your foreground track (Sidechain signal) and the piano is your background track (Input signal).

Main signal
(background track)

Sidechain signal
(foreground track)
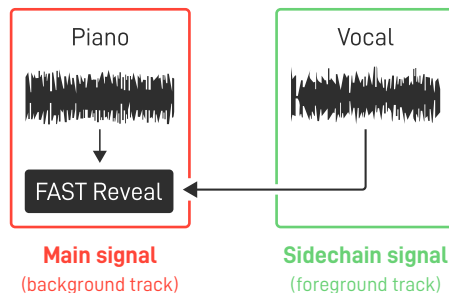
GUI Overview
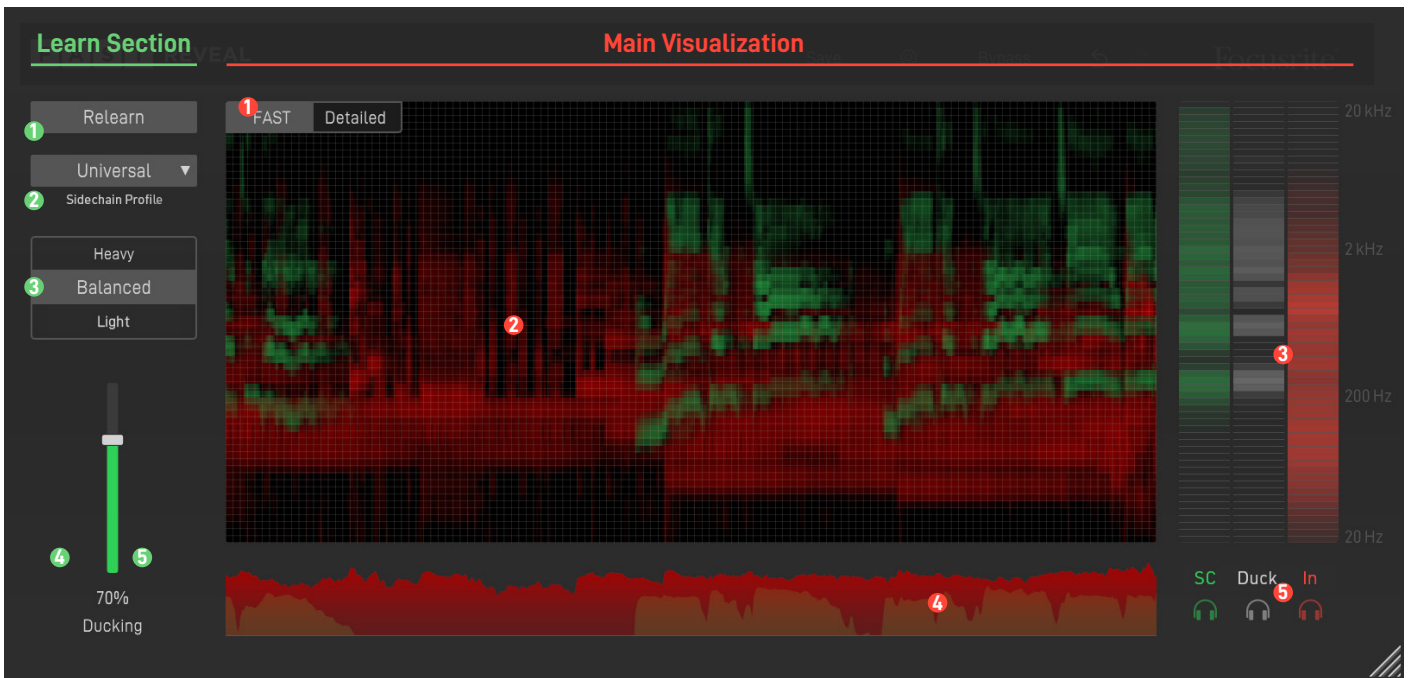
❶ Learn Button

Start the learning process

❷ Sidechain Profile Dropdown

Select the profile that best matches the audio material of your Sidechain signal.

❸ Flavour Buttons

Choose a Flavour for the ducking effect.

❹ Ducking

Control the intensity of the frequency dependent ducking.

❶ FAST/Detailed

Switch GUI between FAST View and Detailed View

❷ Spectral Display

Monitor the activity and predominance of your Input signal (red) and your Sidechain signal (green) across frequency and time.

❸ Spectral meters

Monitor the level of your Sidechain signal, Input signal as well as the ducking intensity across the frequency range.

❹ Signal Display

Monitor your Input signal (red) and Sidechain signal (green).

❺ Solo Buttons

Click on the headphone icons to listen to different signal components. When soloing a signal, the respective signal components will be highlighted inside the Spectral Display.

SC: Sidechain signal

Duck: Ducking signal (signal components that are removed from the background track)

In: Input signal

When using the solo feature, make sure that the track you are currently processing is also soloed in your DAW. Not having them mixed with all other tracks makes it much easier to hear the three different signals.
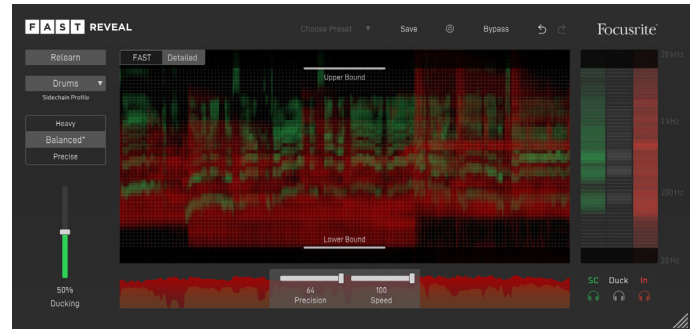
FAST and Detailed View

The user interface of FAST Reveal has two view modes: FAST View provides the custom-ised controls you need, based on the content of your material. Detailed View provides deeper control over parameters, to adjust settings to your own taste.
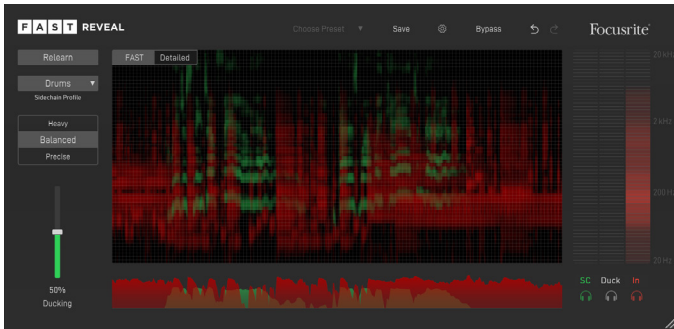
FAST View

Detailed View

FAST View is designed to give you optimised controls to keep in the creative zone. In this mode, you only see the controls you need, so you can make tonal tweaks and keep moving thorough your music-making process.

This is the default View when opening the plug-in.

Detailed View is designed for users who want to have maximum freedom to make changes as they see fit. All parameters can be freely modified and allow you to go crazy (if you want to).
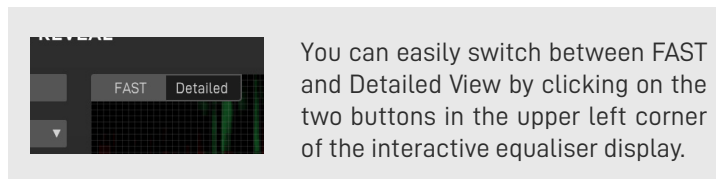
You can easily switch between FAST and Detailed View by clicking on the two buttons in the upper left corner of the interactive equaliser display.

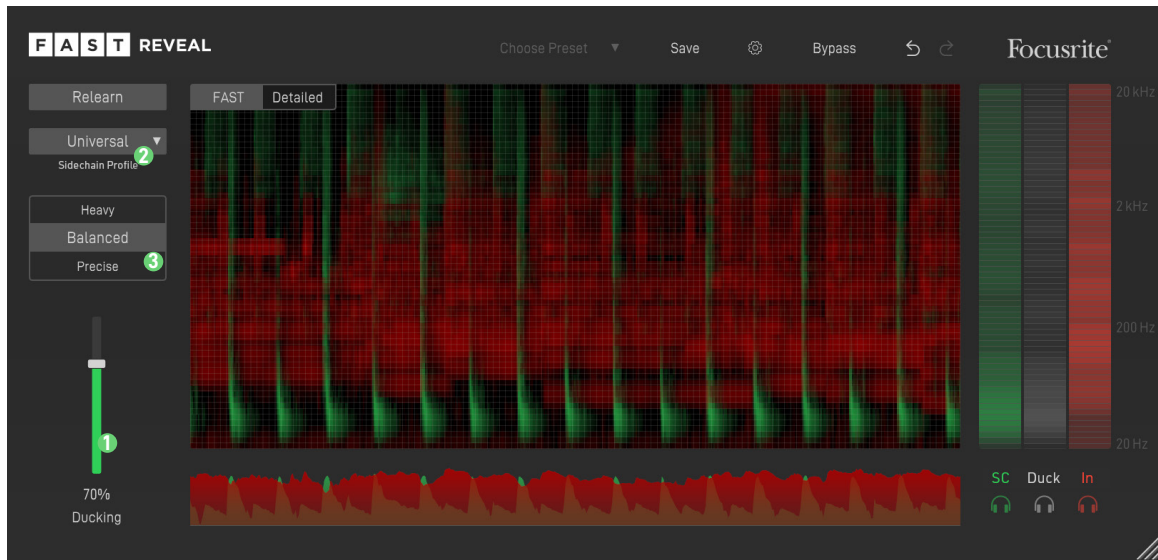# Fine Tune Your Sound

Working in FAST View

❶ **Adapt the Amount of Ducking**

You can use the Ducking slider to control the amount of ducking. Monitor how the background track makes space for the foreground track inside the Spectral Display.

❷ **Change Profiles**

You can always change the selected Sidechain Profile, without needing to restart the learning process. Changing the Profile will reset all parameters to their default value.

❸ **Choose a Flavour**

You can use the Flavour buttons to quickly change the ducking style.

Once you settled on a Flavour, you can further fine-tune the results by using the additional controls available in Detailed View. If you change parameters manually in Detailed View, a small asterisk will appear next to the previously chosen Flavour.

Read the section Fine-Tune Your Sound in Detailed View for more details.

Working in Detailed View
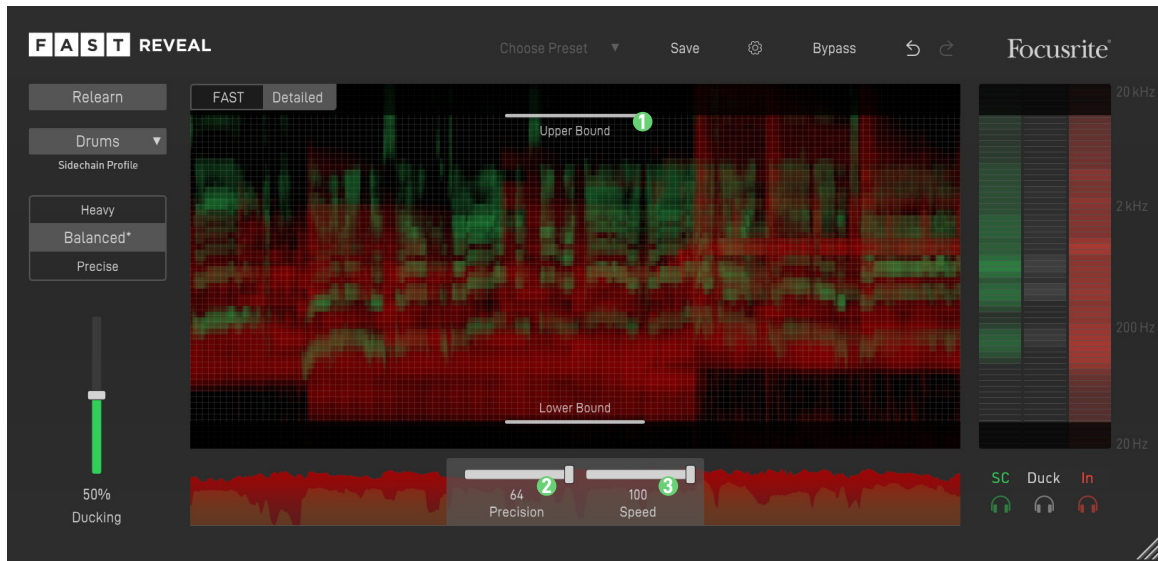
❶ Upper & Lower Bound

The Upper and Lower Bound can be used to limit the ducking effect to a certain frequency range.

❷ Precision

The Precision slider controls the frequency resolution of the ducking process.

When set to "1", FAST Reveal will work like an ordinary broadband ducker and reduce the level of all signal components equally. You can use this setting if you want to generate a typical 'pumping' effect by e.g. ducking a synth on each hit of a kick drum.

When increasing the Precision, the ducking of FAST Reveal will become more and more precise, accurately carving out the signal components that are masking the foreground track. The higher the precision, the smoother and less audible the ducking effect will become.

❸ Speed

The Speed slider controls the response time of the ducking process. This is similar to setting the attack or release time of a Compressor. The higher the Speed, the quicker FAST Reveal will duck away signal components.

Global Control Section
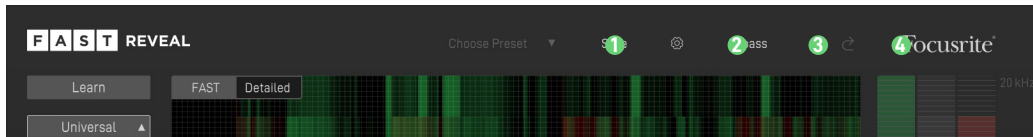
❶ **Save and Load Presets**

To save a preset (all parameter values), click the Save button in the Control Section. To load a saved preset, choose the respective preset name from the preset dropdown.

If you want to delete a preset or change its name, please go to the preset folder with your local file explorer. You can also easily share your presets among different worksta-tions. All presets are saved with the file extension *.spr to the following folders:

OSX: ~/Library/Audio/Presets/Focusrite/FASTReveal
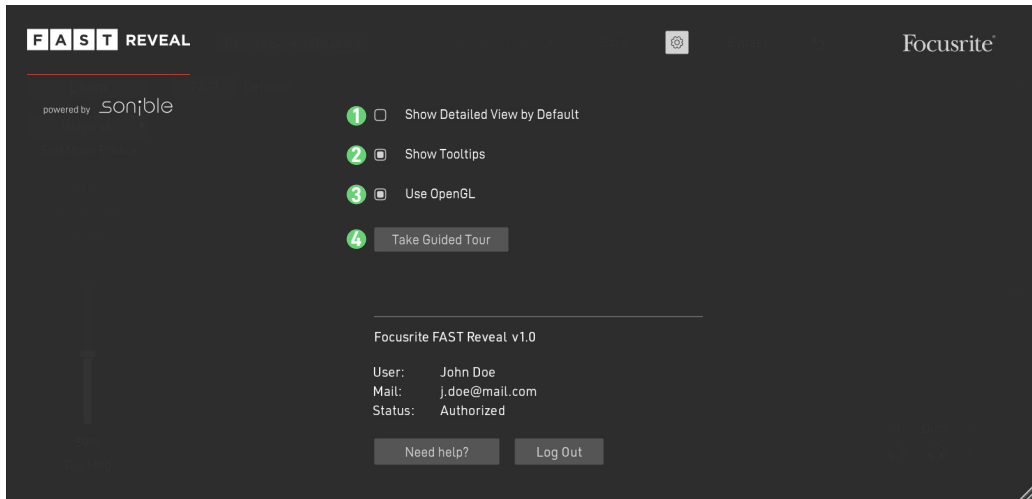
Win: Documents\Focusrite\FASTReveal\Presets

❷ **Settings**

Click the small cog wheel to access the settings page of FAST Reveal (e.g. to restart the Guided Tour or to check your subscription status).

❸ **Bypass**

❹ **Undo/Redo**

Settings

User Settings

❶ Show Detailed View on Startup (Global Setting)

If you enable this setting, FAST Reveal will start up in Detailed View by default.

### ❷ Show Tooltips (Global Setting)

Disable this option if you want to hide tooltips.

❸ Use OpenGL (Global Setting)

If you are experiencing graphic problems (e.g. rendering problems), you can try to disable the OpenGL graphics acceleration.

❹ Take Guided Tour

Click this button to restart the guided tour. Please note that all parameters will be reset to their default values when a new tour is started!
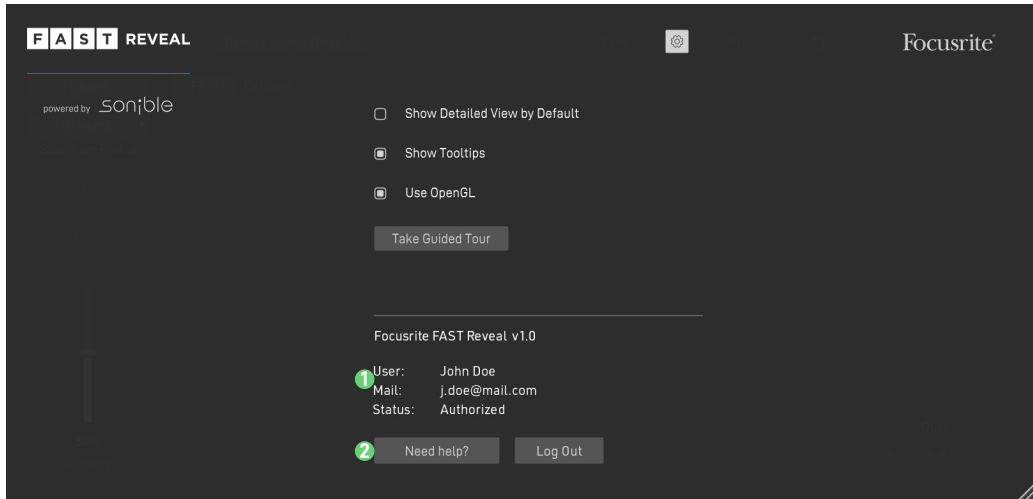
License Management

❶ License Information

This section shows the license information for your plug-in.

❷ Help Center

Visit the Help Center to e.g. manage your subscriptions or download new plug-ins and the latest updates.