

Shattered Glass Audio

Mini Cracked Glass



User Manual

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Introduction

Mini Cracked Glass is a faithful replica of our “Mini Cracked Glass” pedal. As it’s hardware counterpart, Mini Cracked Glass plug-in is British voiced. The plug-in emulates two single-ended and one push-pull JFET amplification stages, from the original pedal, designed to emulate pre- and power amp. Gain of each amplification section (single-ended and push-pull) is independently controlled. The two gain controls allow a user to dial in anything from the fat crunch to over the top high-gain distortion. As you turn up the gains you will experience harmonically rich compression, akin to that of Marshall® amps. The tone stack in Mini Cracked Glass is based on the classic tone stacks found in vintage Marshall® amps.

Features:

- High fidelity model based on the full circuit simulation.
- Marshall tone stack.
- Automatic 8x oversampling.
- Selectable Mono processing mode for increased efficiency when processing mono signals.
- Dry-Wet mixing.
- Presets Manager

Using Mini Cracked Glass

Although the original Mini Cracked Glass was intended to be used as a stompbox, some have used it as a preamp by feeding its output directly to FX return on their amps. Since Mini Cracked Glass is a faithful replica of its hardware counterpart, it too can be used as a guitar and bass overdrive/distortion pedal plug-in or as a preamp plug-in. When used as a preamp plug-in, Mini Cracked Glass should be paired with a speaker emulation plug-in.

Turning up Gain I control will deliver a more gritty, grainy, rougher distortion. For a fat and smooth distortion turn up Gain II control is your friend. Mini cracked Glass is a overdrive/distortion plug-in and it is best suited for that purpose. To get a thick overdrive do the following: turn Gain II all the way down, reduce input signal strength and Gain I until you get either “clean” or an almost clean sound, than turn up Gain II.

Turn both gain controls up and step into the high-gain distortion that stays tight and retains character.

System Requirements

This plugin is available in, both, 32- and 64-bit VST2, VST3, and AU versions. AU version is available for Mac only.

Mac

OS X 10.10 or higher.

Windows

7/8/10.

Controls

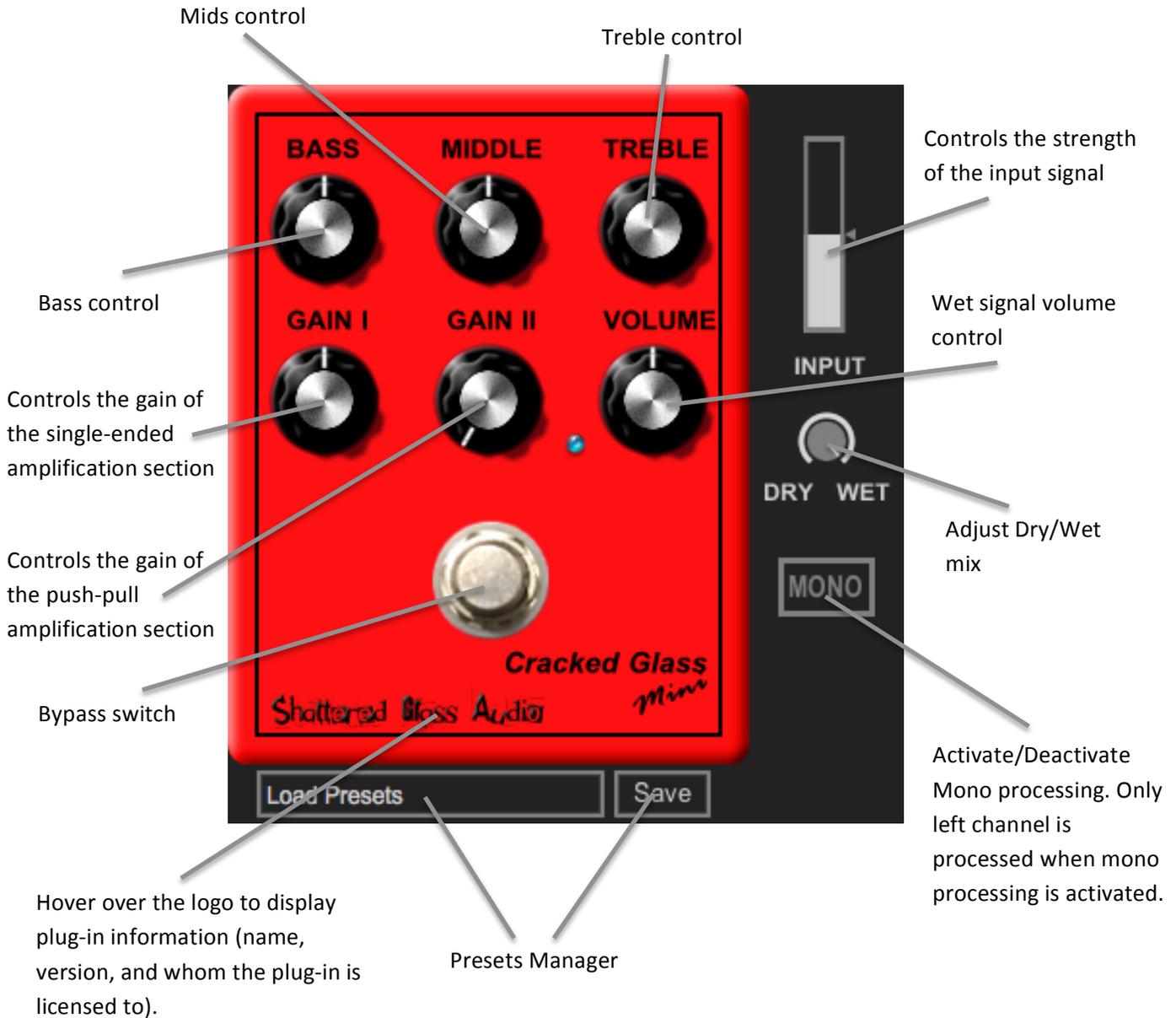


Figure 1. Mini Cracked Glass Controls

Settings controlled by knobs can be changed by clicking on them and dragging the mouse up and down. Settings controlled by switches can be changed by clicking on the appropriate switch or by clicking a switch and dragging the mouse.

Volume control is calibrated such that for default control settings, a -18 dBFS sine input at 1kHz will produce the peak output of -18dBFS.

Product Unlocking

Unlocking your product is easy. To unlock the product you will need the license file sent to you in an email at the time of purchase. If you did not receive the license file you can download it by going to SUPPORT > LICENSE at www.shatteredglassaudio.com. You should save the license file at a location on your file system that is accessible to the product.

When you run the product for the first time, after installation, you will be presented with the dialog shown in Figure 2. Click the “Unlock with the License File” button and select the license key file.



Figure 2. Product unlocking dialog.

If there are no errors importing the license key, Code Red’s user interface will replace the product unlocking dialog.

Tips

For a more vintage sound use lower values of Q factor.

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