

Tracktion

#TCrusher

USER GUIDE

Credits

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1. Introduction

Thank you for purchasing our #TCrusher PlugIn from the Tracktion DSP Package.

#TCrusher produces lo-fi sound effects by decimating and truncating the audio signal. The result is a noisy and distorted sound, perfect for drum loops and every audio signal that need a special lo-fi character.



2. Installation & Authorisation

#TCrusher can be installed and unlocked on up to 4 different computers with a single license.

2.1 Windows PC



Please observe the system requirements of your host application!
#TCrusher runs within 32 bit as well as 64 bit host applications.

1. Refer to the folder where the downloaded #TCrusher file is located.
2. Double click on the “install_#TCrusher.exe” file. This launches the installation application.
3. Follow the on-screen instructions.

Installation location Windows:

VST 32-bit:

C:\Program Files (x86)\VstPlugins\Tracktion\#TCrusher.dll

VST 64-bit:

C:\Program Files\Steinberg\VstPlugins\Tracktion\#TCrusher (64-bit).dll

AAX 64-bit:

C:\Program Files\Common Files\Avid\Audio\Plug-Ins
\#TCrusher.aaxplugin

2.2 OS X

1. Refer to the folder where the downloaded #TCrusher file is located.
2. Double click on the “#TCrusher.pkg” file. This launches the installation application.
3. Follow the on-screen instructions.

Installation location Mac:

AU: /Library/Audio/Plug-Ins/Components/#TCrusher.component

VST: /Library/Audio/Plug-Ins/VST/#TCrusher.vst

AAX: /Library/Application Support/Avid/Audio/Plug-Ins/
#TCrusher.aaxplugin

2.3 Authorisation

#TCrusher uses a software based copy protection and can only run without any restrictions with an activated license.

After installation, please load #TCrusher as effect plug-in within your DAW. The plug-in is currently locked (a noise occurs periodically).

Click on the Unlock button in the top right corner of the plug-in window to open the authorisation window.

Click Unlock to start a 30 day trial, if you haven't purchased the plug-in. If you have purchased the plug-in it will become unlocked permanently.

Please enter your email address and password from Tracktion Marketplace and click on "Register" to unlock #TCrusher permanently.. You need an active internet connection for this procedure.

You can alternatively click on the "Offline Unlock" button, if your computer has no internet connection. Please follow the onscreen instructions.

After a successful authorisation, you can use #TCrusher without limitations and full featured forever.

3. Basic Operation

3.1 Loading and Saving Effect Presets

To load an effect preset, simply click on the actual preset name to open a pop-up menu. Select the desired effect preset and click on it. Alternatively you can click on the left or right arrow symbol to switch for and back between the effect presets.

To save an effect preset, click on the actual preset name to open a pop-up menu. Here you can **Save** the actual effect preset directly into the plug-in's preset folder. Alternatively, you can choose **Save as...** to rename the actual preset before saving it.

A newly saved preset is appended to the end of the pop-up menu list. In the pop-up menu you can also **Delete** the actual preset. You can also open the preset folder (**Show presets folder**) in a separate window. This is perfect for backup your effect presets or exchange it with other users.

3.2 Control Elements for Tracktion PlugIns



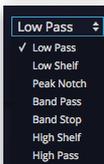
Dials

To set a value, click on the dial, hold down the mouse button and move the mouse up and down. A double click resets the parameter value to its default.



Buttons

A simple click on a button activates or deactivates its function. Buttons light up when they have been used.

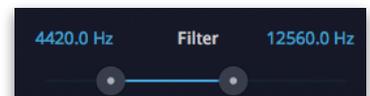


Pop-up Menus

Click on the corresponding slot to open a pop up menu where you can choose the desired parameter or function.

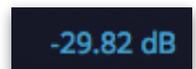
Slider

Click on the corresponding slider handle and hold it. Move your mouse to the left or the right to change the value.



Value Fields

Click in a value field and move the mouse up or down to easily change the parameter value. Double click in a value field to enter the value via your computer keyboard.



Graphical Elements

Click on the corresponding graphic and move the mouse vertical or horizontal to change settings.



4. The Plug-in Parameter

#TCrusher is divided into two sections which are described in detail within this chapter.

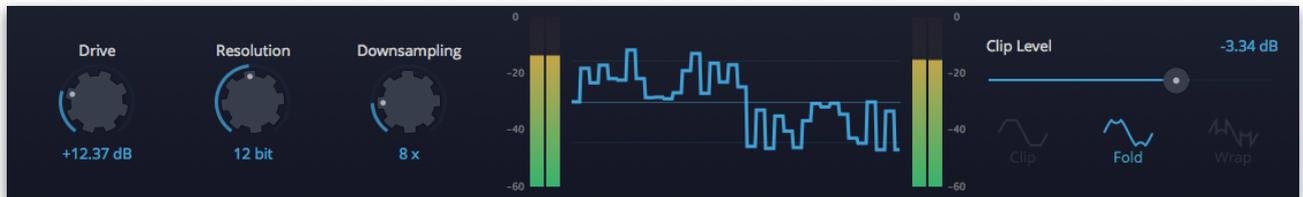
4.1 Plug-in Header Section

The Header section offers basic settings.



- Click on the three line symbol in the left section to open a pop-up menu, where you can choose between two **Colour Scheme**. Here you can also open a **Help** menu and the **About** box with more information about the plug-in and the version number.
- By clicking on the **Undo** and **Redo** symbol, you can undo/redo your last editing.
- Loading and saving presets is described in detail in chapter 3.1.
- Click on **A** or **B** to switch to the alternate effect setting B when setting A is active, and to setting A when setting B is active. This is an easy way to compare two different effect settings, make further adjustments or just go back to setting A. Settings A and B are saved with the effect preset.

4.2 The Plug-in Parameter



Drive

Increases the overall amount of distortion. This parameter works in conjunction with **Clip Level** and **Clip Curve**. Keep in mind that higher values increase also the output level of the signal.

Resolution

Determines the bit resolution of the audio signal. A setting of 24 bit offers the highest audio quality, while lower settings up to 1 bit creates a noisy signal, full of artifacts.

Downsampling

Determines the amount by which the audio samples are decimated. At the lowest setting (1x), no processing takes place. Higher settings eliminate more and more of the information describing the original audio signal, turning it into unrecognizable noise.

Clip Level

Controls the distortion characteristics based on the **Drive** setting as well as on the selected **Clip Curve**.

Clip Curve

Let you choose three drive curves that offers different characteristics on how the signal is distorted. **Clip** restricts the gain range with by using an analog characteristic, while **Wrap** works in the same with a digital characteristic. **Fold** transforms the incoming waveform in a special way.

Input/Output Meter & Graph

Shows the input (left meter) and output (right meter) level of the audio signal. Between the meters the waveform based on the crush parameters **Drive**, **Downsampling**, **Clip Level** and **Clip Curve** is shown.

5. Product Support

If you have any questions, please contact us by email:

support@tracktion.com

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