

Tracktion

#TCrossover

USER GUIDE

Credits

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1. Introduction

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

The scalable #TCrossover offers a three-band frequency separating filter that divides the incoming audio signal into three separate bands with dedicated outputs for further processing, e.g. for multi channel use.

#TCrossover features an easy-to-read graphic display that illustrates every band with lots of controls.



2. Installation & Authorisation

#TCrossover 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!
#TCrossover runs within 32 bit as well as 64 bit host applications.

1. Refer to the folder where the downloaded #TCrossover file is located.
2. Double click on the “install_crossover.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\#TCrossover.dll

VST 64-bit:

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

AAX 64-bit:

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

2.2 OS X

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

Installation location Mac:

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

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

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

2.3 Authorisation

#TCrossover uses a software based copy protection and can only run with an activated license.

After installation, please load #TCrossover 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 #TCrossover 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 #TCrossover 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



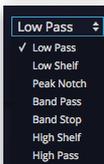
Dials

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.

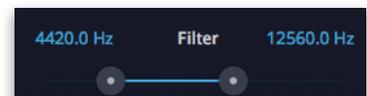


Pop-up Menus

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

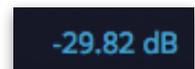
Slider

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



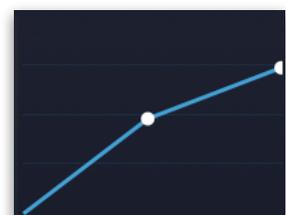
Value Fields

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.



3.3 Unique Control Elements for #TCrossover

Window Scaling

Click and hold in the lower right corner and move your computer mouse to resize the #TCrossover window.

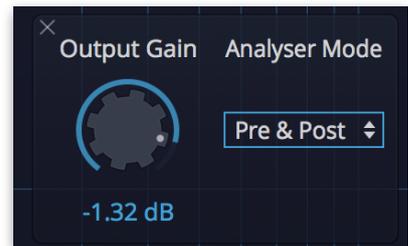
Context Menu

Right click on a filter band button to open a context menu with the following parameters: **Disable/Enable** the corresponding filter band, select the desired **Slope** and finally **Remove** the filter band.

Overall Settings

Click on the gear symbol in the upper left corner to open an overlay window with additional functions:

- **Output Gain** sets the overall output gain of the plug-in. This is useful when using the crossover filters extensively because the overall volume is affected.
- **Analyzer Mode**: #TCrossover offers a built-in spectrum analyzer. Here you can choose, if this analyzer is switched off (Off) or shows the signal before (Pre) or after (Post) the equalizer processing. You can also select Pre & Post to display the Pre and Post signal at the same time. In this case, two spectrum analyzer curves are displayed.

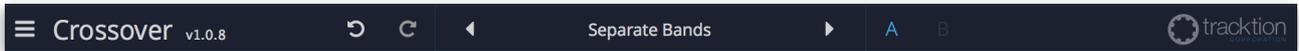


To close the overlay window, click on the cross symbol in the upper left corner.

4. The Plug-in Parameter

#TCrossover 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



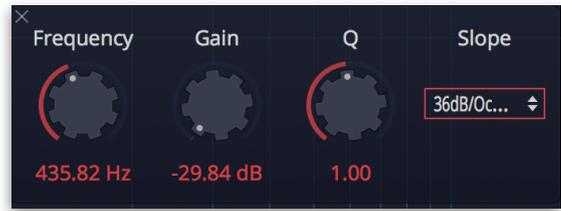
Crossover Band Buttons

Click on a Crossover band buttons (red, green and blue) to activate or deactivate the corresponding band. If activated, the button lights up.

Crossover Band Overlay Window

Click on an activated Crossover band to open an overlay window with the following parameters:

- **Frequency** controls the center frequency of the corresponding Crossover band. Moving the dial to the left results in a lower frequency of the band's center frequency, to the right increases it. To edit **Frequency** settings within the graphic, drag the desired button and move it to the left or the right to change.
- **Gain** controls the gain boost or cut of the Crossover band. Clicking and moving the dial upwards increases the gain of the band, moving it downwards decreases it. To edit **Gain** settings within the graphic, drag the desired button and move it up or down.
- **Q** controls the quality or width of the Crossover band. Moving the dial upwards results in a narrower band, moving it downwards widens it. To edit **Q** settings within the graphic, drag the desired button and use your mouse wheel.
- **Slope** offers different filter slopes from 12 to 60 dB per octave. The higher the slope setting the more steeply sloping the Crossover curve is set.



To close the overlay window, click on the cross symbol in the upper left corner.

Analyzer

Shows the spectrum of the audio signal. In the overall settings you can define, which signal is graphically shown.

Input/Output Meter

Shows the input level (left meter) of the incoming audio signal and the three output (right meter) levels of the separated audio signals.

Multiple Outputs

Due to the fact that #TCrossover separates the incoming audio signal in three separate bands with a dedicated output for each band, your DAW need to support multiple audio plug-ins outputs. For more information, please read the corresponding manual of your DAW.

5. Product Support

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

support@tracktion.com

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