
Classically . Defined . Sound

FAST FET COMPRESSOR

CDSoundMaster Original Concept FET Compressor

User's Manual

FAST FET COMPRESSOR VST Plug-In

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Installation

Download,
Unzip.

Use Right Click "Run As Administrator" to install the FAST FET and also when opening your DAW after installation.

Be sure to choose the correct 32 bit and/or 64 bit folder(s) when installing.
Open the FAST FET in your DAW and this will generate you SER file, located in the same folder where you installed your FAST FET.

Email this SER file to CDSoundMaster and we will send your AUT file.
Paste this AUT file in the same folder as your SER and reload the FAST FET.
Re-Open the FAST FET and you are ready to go!

The FAST FET Compressor

The FAST FET Compressor is an original creation from CDS. It provides you with the fast, familiar sound of a classic “blackface” solid state compressor with four modes created to provide subtle variations of the super-fast response with its own unique personality. This is a unique design that gives you the best of the classic, vintage sound with the expertise of editing the process to give an even better response.

The FAST FET Compressor has been created to give the user an incredible range of use in daily mixing tasks where a classic fet sound is desired. The four separate modes cover a diverse amount of applications, giving the user essentially four complete fet compressors in a single plug-in.

All four modes are based around an 800 microsecond attack speed and an 1100 microsecond release.

The first mode is very similar to a 4:1 compression ratio with a fast pop at the start of the waveform response followed by a fast crunchy, leveling response that most resembles the same details in the original hardware..

The other 3 modes provide a smoother transition from initial response to how it handles the transition from any fast transient into subsequent program material, meaning that it can push initial transient hard into lower program dynamics, or it can resolve deeper threshold response with more musical response to changes in transients. Try all 4 modes on different material to become familiar with what situations you prefer each response the most.

This compressor is based upon real recordings through a real, original, vintage hardware device. But, rather than making an attempt to replicate all of the original settings, it is designed to provide you a tool that is unique from other variations of the original blackface. In many ways, it isolates a specific range of sound that the original is known for, and takes these qualities into an entirely new direction, making it applicable to a range of material that is extremely useful in nearly all forms of musical content. You will find this compressor useful in so many mixing applications. It is a strong complement to other compressors and always has its own unique qualities.

Using The FAST FET Compressor

The FAST FET Compressor is designed to allow you to have an incredible range of flexibility with very few changes to controls.

The Input allows you to control the incoming digital signal and processes this sound with an entire analog signal chain that is realistic in the same traits as real classic analog hardware.

Increasing and decreasing the input signal will control how much harmonic distortion is generated from the device. This will also affect how the compression circuitry recognizes the dynamic volume of the input signal, so the great the volume, the more affect the threshold circuit will have on the material played.

The Output controls the digital output level of the FAST FET Compressor. It does not change any of the analog response of the signal chain ahead of the output signal, so the Output can be used to make any volume/gain adjustments needed once the proper processing takes place. Raising and lowering the Output signal does not change any of the process that takes place.

The “Drive” control allows you to have independent control of the harmonic distortion that is intentionally generated by the FAST FET Compressor. Harmonics are typically generated in conjunction with the Input control, but if you wish to reduce or increase harmonics without changing the input volume, you can use the Drive function to do so. This will not change the amount of compression or volume, but only affect the increase or decrease in harmonics. I highly recommend leaving this setting alone unless you are working with extremely low signal levels and wish to have more harmonic distortion, or you are driving a very high input level and wish to reduce them.

The Threshold knob is used to control all compression characteristics.

The Ratio, or the amount of compression, is directly connected to the depth of the threshold in the FAST FET Compressor. The simplification of controls is one of the features that make this such a unique compressor. In all four modes, compression begins to take place lightly from the 12 o'clock position, and most notably from the “3” to “1” positions on the Threshold knob, from fully counter-clockwise to around “3” on the dial. You will experience more compression and deeper threshold when increasing the input signal.

Use the first Mode “1” for the most classic FET response, which clasps on to the initial attack and deeply reduces the following signals, and use the other 3 Modes for increasingly smooth control but subtly different responses that you will want to test drive with different program material until you are familiar with your favorite responses.

The Output VU Meter provides a familiar analog read-out to give you a general aesthetic sense of the speed of transient peaks and the output volume of your compressed track. Use this for general use, but use your DAW's digital meters for more specific information.

I truly hope that you enjoy using the FAST FET Compressor.

Thanks and God Bless You.
Sincerely,
Michael Angel
CDSoundMaster.com
