

FAN

USER MANUAL

V1.0



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FAN

FAN is a uniquely powerful yet simple multi-modulation effect that brings together the rich, swirling textures of Chorus, the subtle pitch variations of Vibrato, the dynamic movement of Rotary, and the rhythmic pulses of Tremolo into a single, user-friendly interface.

The design of FAN is inspired by the simplicity and function of a household fan, making it intuitive to navigate and explore modulation in a tactile way, with the blades representing the flow of your sound. Each of the four effects can be easily dialed in with minimal controls, giving you the ability to experiment without sacrificing quality or depth.

COMPATIBILITY

Plugin formats: VST3, AU, AAX (64-bit)

Platforms supported: Mac OS 10.11 and up (including Native Apple Silicon M1/M2/M3 compatibility). PC Windows 10 and newer.

DAWs supported: All major DAWs, including Ableton Live, Pro Tools, Logic Pro, GarageBand, FL Studio, Cubase, Studio One, Bitwig, Reaper, Reason etc.

INSTALLATION

The download link will be sent to your email immediately after purchase. You can also access your downloads anytime by logging into your account [here](#).

MAC OS

- Extract the ZIP archive
- Double click on the PKG installer
- Follow the instructions to install the plugin

WINDOWS

- Extract the ZIP archive
- Double click on the EXE installer
- Follow the instructions to install the plugin

INSTALL LOCATIONS

MAC OS

- AU: /Library/Audio/Plug-ins/Components/
- VST3: /Library/Audio/Plug-ins/VST3/
- AAX: /Library/Application Support/Avid/Audio/Plug-Ins/
- Presets: /Users/Shared/Audio Hertz/FAN/

WINDOWS

- VST3: \Program Files\Common Files\VST3\
- AAX: \Program Files\Common Files\Avid\Audio\Plug-Ins\
- Presets: \Users\Default\Audio Hertz\FAN\

DEMO AND AUTHORIZATION

After purchasing FAN, you'll receive an email with your license key. You can also access it by logging into your account [here](#). To activate the plugin, simply enter the license key into the authorization screen that appears the first time you open it.

If you're running FAN in trial mode, please be aware that the trial will output 5 seconds of silence every 60 seconds. To purchase the full version, visit [this page](#).

MODULATION EFFECTS

Modulation effects work by using an LFO to alter specific parameters of an audio signal over time. Each effect (Chorus, Vibrato, Rotary, Tremolo) will adjust a different target parameter shaping its unique sound and defining its signature character.

Chorus: Duplicates the input signal and slightly detunes one copy to create a richer, fuller sound, as if multiple instruments or voices are playing together.

Vibrato: Modulates the pitch of the signal, creating a subtle pitch wobble that adds movement and a natural, musical feel. Vibrato is similar to Chorus, but unlike Chorus, the signal isn't duplicated. If the wet/dry mix is set below 100%, you're effectively creating a Chorus effect.

Rotary: Simulates the sound of a rotating speaker, modulating pitch, volume, and panning to produce a swirling, three-dimensional effect.

Tremolo: Modulates the volume of the signal over time, creating rhythmic pulsations that range from gentle waves to rapid, stuttering effects.

CONTROLS

EFFECT SECTION

Depth: Controls the intensity or amount of modulation being applied to the signal. It adjusts the amount the LFO affects the target parameter.

Rate: Controls the speed of the LFO cycle. It determines how fast the LFO oscillates or moves through its waveform, which affects how quickly the effect changes over time. In manual mode, the range is 0 to 10Hz. In host mode, you can set the LFO speed relative to the track's BPM by selecting a specific note length.

Waveform: Defines the shape of the LFO waveform, determining how smooth or abrupt the modulation changes are. This affects how the target parameter is modulated, shaping the overall character and feel of the effect.

Note Variation Buttons: In host mode, three rhythmic modifiers are made available.

- *Full* – The effective rate matches the selected Rate note value.
- *Dotted* – The effective rate value is one and a half times the duration of the Rate note value.
- *Triplet* – The effective rate is two thirds the duration of the Rate note value.

Sync Buttons: There are two sync modes.

- *Manual* - The LFO is set according to frequency.
- *Host* - Synchronizes the LFO to the tempo set in the host application.

Saturation: Controls the amount of saturation.

FAN Effect: Replicates the sound of playing or singing into moving fan blades. Under the hood, it's a very slow ring modulator. For optimal results, it's recommended to set the wet/dry mix to 50% or lower. It can be combined with other effects or used by itself by deselecting the main effect.



CONTROLS (CONTINUED)

TOP BAR

On/Off: This is the master on/off which can be used to bypass the plugin.

Info: Displays the credits.

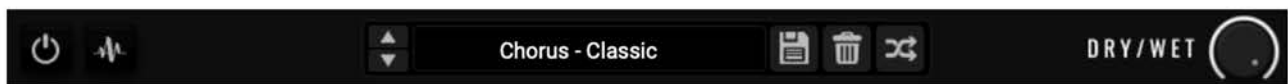
Preset Drawer: Click to open the preset drawer to see the list of available presets.

Save Preset: Saves the current preset.

Delete Preset: Deletes the current preset.

Random Preset: Selects a random preset. This includes Factory and User Presets.

Wet/Dry: Blends the dry input signal with the wet processed signal. At 0%, you hear only the dry signal, and at 100%, the fully effected signal.



END

EASTER EGG

FAN has a hidden easter egg that lets you change the background of the interface. You can either try to discover the secret on your own or visit [this page](#) for instructions.

CREDITS

Concept and QA: David Silverstein

Code + DSP: Yuriy Ivantsov

Design: vstdesigns.com

EULA

Please visit <https://audiohertz.com/eula/> to review this product's EULA.

THANK YOU

Thank you for your purchase! If you have any questions or feedback, please reach out to us at <https://audiohertz.com/contact/>.