



Flanger 117

(AAX, AU, CLAP, VST3)

produced by Luca Capozzi (Audiority Srl), October 2024

Current Manual version: v1.0

Flanger 117 is an authentic simulation of the MXR® Flanger 117, one of the most iconic flanger pedals of the 70s.

The **Flanger 117** delivers the same rich and wild character of its real-life brother, while expanding its capabilities with features like Through-Zero Flanging, Negative Feedback and more!

Please, read carefully both product specifications and system requirements **before** purchasing any **Audiority** product.

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Flanger 117

produced by Audiority, March 2025.

Credits

Code & DSP: Luca Capozzi (Audiority Srl)

GUI Design: Luca Capozzi

Published by Audiority Srl

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Specifications

- BBD Analog Flanger simulation
- Manual, Width, Speed and Regen controls
- Tempo Sync
- Negative Feedback
- Through-Zero Flanging
- Stereo Spread
- Dynamic Flanging via Envelope Follower
- Feedback Loop Drive
- Mix control
- Resizable interface

System Requirements

PC

- Windows 7 64bit or later
- Intel i5 or equivalent
- 4 GB RAM
- Screen resolution: 1024×768
- VST3, AU, CLAP 64-bit host
- PT11 or higher, AAX 64-bit host

MAC (Intel)

- OSX 10.13 or later
- Intel i5 or equivalent
- 4GB RAM
- Screen resolution: 1024×768
- VST3, AU, CLAP 64-bit host
- PT11 or higher, AAX 64-bit host

MAC (Silicon)

- macOS 11.0 or later
- M1 or higher
- 4 GB RAM
- Screen resolution: 1024×768
- VST3, AU, CLAP 64-bit host
- PT11 or higher, AAX 64-bit host

FILE LOCATIONS

Mac

All presets, license, IR files and settings are located in:
/Users/Shared/Audiority/

AAX, CLAP and VST plugins will be placed in their own Audiority sub-folder located in:

AAX: /Library/Application Support/Avid/Audio/Plug-Ins/Audiority
CLAP: /Library/Audio/Plug-Ins/CLAP/Audiority
VST3: /Library/Audio/Plug-Ins/VST3/Audiority

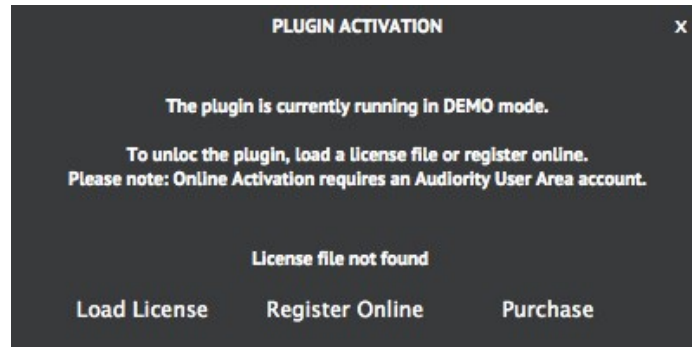
PC

All presets, license, IR files and settings are located to:
C:\Users\Public\Public Documents\Audiority

AAX, CLAP and VST plugins will be placed in their own Audiority sub-folder, usually located in:

AAX: C:\Program Files\Avid\Audio\Plug-Ins\Audiority
CLAP: {Your CLAP Path}\Audiority
VST3: {Your VST3 Path}\Audiority

PLUGIN ACTIVATION



Once you install and open the plugin for the first time, it will be in **Demo Mode** until a license file is loaded. In Demo Mode the plugin will output 3 seconds of silence every minute.

You can activate the plugin either OFFLINE or ONLINE.

OFFLINE ACTIVATION

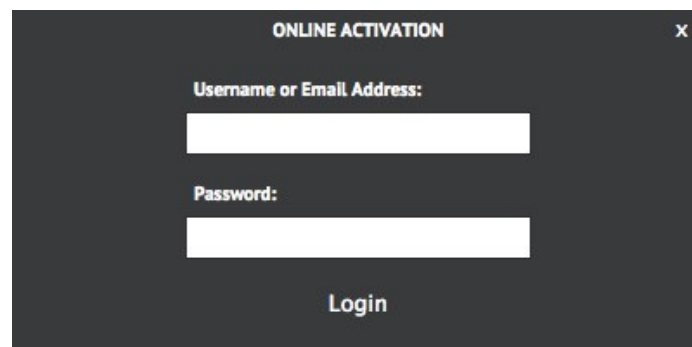
If you purchased the plugin from our site, you should have received an email to download the installers and the license file. Save the license file you got with your purchase email (or via our User Area) anywhere on your computer.

Then, to activate the plugin, click on the **Audiority** logo and select “**Register**”. The Registration window will pop up allowing you to load the license file you got while purchasing the plugin by clicking the “**Load License**” button. Alternatively, you can drag and drop the license file on the registration window.

NOTE: If you purchased the plugin from one of our dealers, please check the “**USER AREA AND REDEEM CODES**” section below.

ONLINE ACTIVATION

If you are registered to our User Area, then you can activate the plugin online.



Insert your Username (or email address), your password and click the “**Login**” button. The license file will be automatically delivered in your computer and the plugin will be activated.

USER AREA AND REDEEM CODES

If you purchased from one of our dealers, then you should have received an email with a redeem code. This code is required to deposit a license in your User Area account and let you download the license file or activate the plugin online.

If you don't have an User Area account yet, please follow these steps:

- 1) Go to <https://www.audiority.com/register> and fill out the signup form.

IMPORTANT: Please be sure to register with the **e-mail address you use for your purchases**, otherwise your products will not show. Since we use reCAPTCHA for registration only, please temporarily disable any ad blocker you are using.

Username

First Name

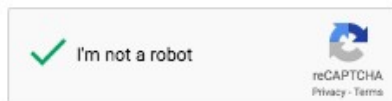
Last Name

Purchase E-mail Address

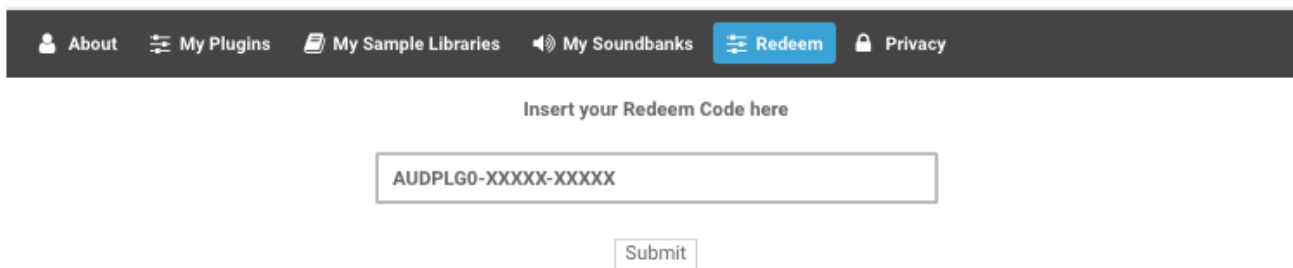
Password

Confirm Password

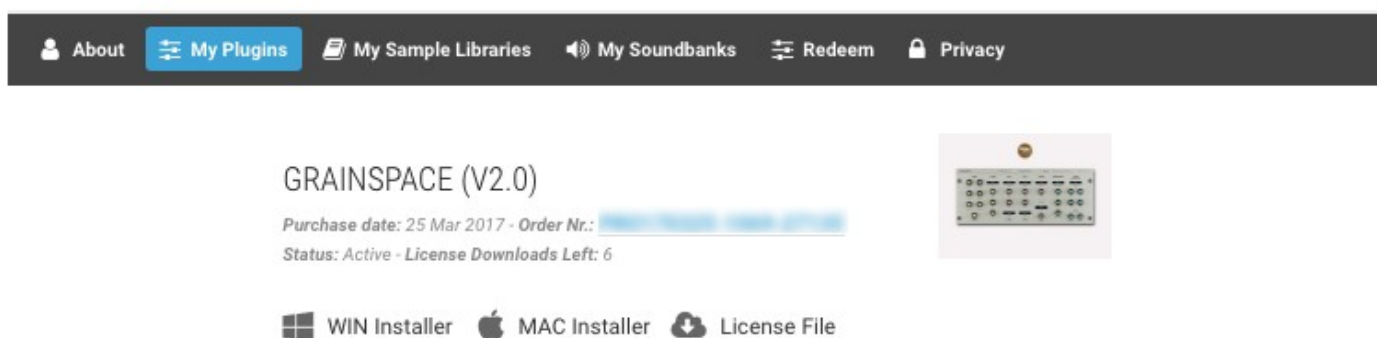
I read and agree to the Privacy Policy and Terms of Use



2) Once registered, log in to your account by clicking the User Area section of our site. Click the **REDEEM** section of your account and paste the code you received via email from our dealer.

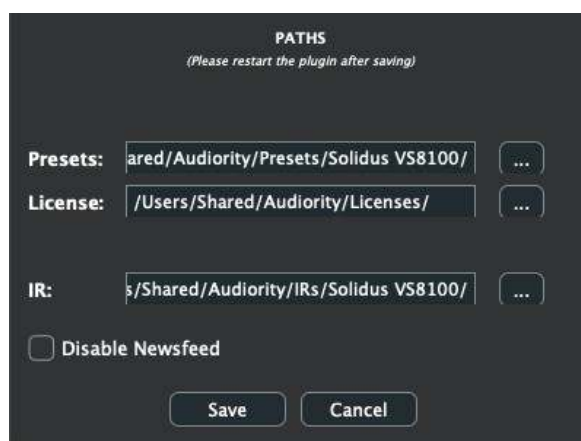


3) After submitting the code, a license will be deposited in your account and will be shown in “**MY PLUGINS**” section of your User Area.



4) Now you can click “License File” and save the license anywhere on your computer and ready to be loaded through the plugin registration window. You can also skip this part and activate your plugin online (see previous section of this manual).

USER PATHS SETTING



By selecting “**Settings**” from the logo menu, you can change the path for **Presets**, **License** and **IR** folders. You can also disable our Newsfeed from here.

Note: Please do not move the **Settings** folder from its default location.

Plugin Parameters



TOOLBAR

The Toolbar allows you to manage the plugin presets, register the plugin and set some global parameters.

By clicking the **AUDIORITY** logo, in the top left corner of the Toolbar, you'll be able to visit our website and social profiles, register the plugin, change the interface size and customize the paths for license and preset files.

The **HQ** button will enable oversampling, useful to reduce aliasing when the signal saturates. Use the **Randomize** and **Reset** buttons to experiment with random presets or restoring it to its saved version. Right-click on each knob to see locking options.

PARAMETERS

MANUAL	Sets the "central" point of the flanger's sweep.
WIDTH	Adjusts the modulation depth.
SPEED	Adjusts the LFO rate.
REGEN.	Sets the feedback amount.
POWER	Sets the unit on or off.

GLOBAL CONTROLS (Footer)

INPUT / OUTPUT	Pre/Post effect gain.
MIX	Dry/wet signal mixer.
NEG FBK	Inverts the phase of the feedback path. This provides a different flanger character.
THRU-0	Sets Through-Zero Mode. This provides another different flanger character.
SYNC	Syncs the modulation speed to the host.
SPREAD	Widen the stereo image by phase shifting the right channel LFO. Won't have any effect when the plugin is on a mono track.
ENV	Uses the incoming audio signal to modulate the flanger's clock.
DRIVE	Saturates the feedback loop operational amplifier. WARNING: may cause self oscillation!

RESIZING CONTROLS (Audiority logo menu)

Small / Default / Big Size	Reduce, reset or increase the size of the plugin interface.
Resizing Corner	You can resize from the bottom right corner of the GUI.

CHANGELOG

v1.0 (March 2025)
- Original release

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We hope you will enjoy it as much as we did.

If you have any question, concerns, technical issues or even for just say 'Hello', get in touch with us at:

info@audiority.com

or checkout our site at www.audiority.com

Cheers,
Luca

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