



# Dark Memory

(AAX, AU, CLAP, VST2, VST3)

produced by Luca Capozzi (Audiority Srls), March 2023

**Current Manual version: v1.0**

The **Dark Memory** is a faithful simulation of the Electro-Harmonix® Memory Man™ EH7810, a late 70's BBD echo and chorus pedal. This “economy” version of the Memory Man™ features an under-clocked 1024-stages BBD chip, delivering a very dark and characterful delay sound.

We went further and added their classic STEREO mode, where L/R output phases are 180° apart from each other, a DELAY EXTENSION that replaces the factory BBD chip with a 4096-stages one, increasing the delay time up to 4 seconds, and more.

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

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# Dark Memory

produced by Audiority, March 2023.

## Credits

Code & DSP: Luca Capozzi (Audiority Srls)

GUI Design: Luca Capozzi

Published by Audiority Srls

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## Specifications

- BBD Analog Delay/Chorus simulation
- Authentic emulation with reduced bandwidth (according to delay time)
- Delay Time (MN3005 up to 310ms – RD5108A up to 4s)
- Feedback and Blend
- Boost
- Delay Extension
- Tempo Sync
- Vintage Stereo mode
- Modulation
- Stereo Spread
- Ducking
- Pre and Post effect gain
- Mix control
- Resizable interface

## System Requirements

### PC

- Windows 7 64bit or later
- Intel i5 or equivalent
- 4 GB RAM
- Screen resolution: 1024×768
- VST2, VST3, AU, CLAP 64-bit host
- PT11 or higher, AAX 64-bit host

### MAC (Intel)

- OSX 10.9 or later
- Intel i5 or equivalent
- 4GB RAM
- Screen resolution: 1024×768
- VST2, 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
- VST2, 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  
VST: /Library/Audio/Plug-Ins/VST/Audiority  
VST3: /Library/Audio/Plug-Ins/VST3/Audiority

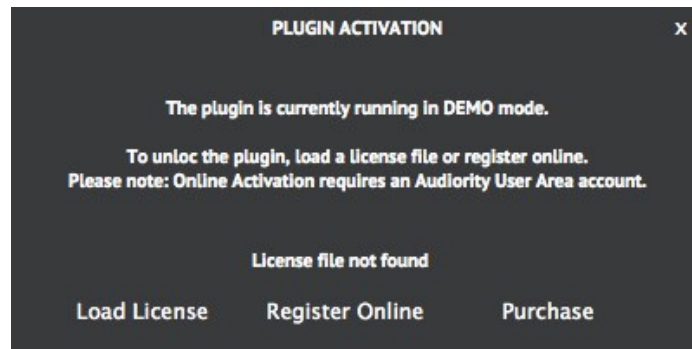
### PC

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  
VST: {Your VST 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

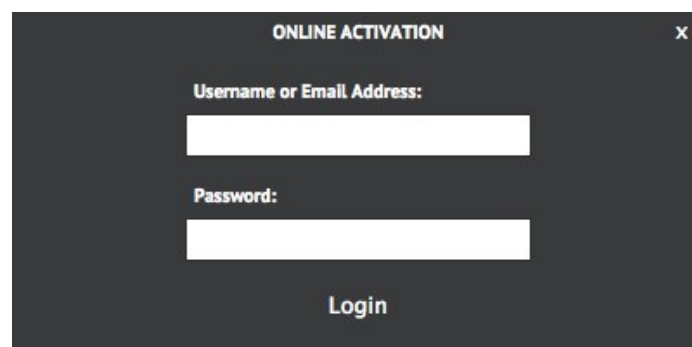
If you purchased the plugin from our site, you should have received an email to download the installers and the license file. Save the license file you got with your purchase email (or via our User Area) anywhere on your computer.

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**

Heisenberg58

**First Name**

Walter

**Last Name**

White

**Purchase E-mail Address**

w.white@pollos.com

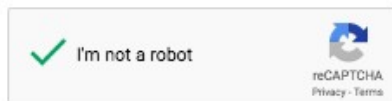
**Password**

.....

**Confirm Password**

.....

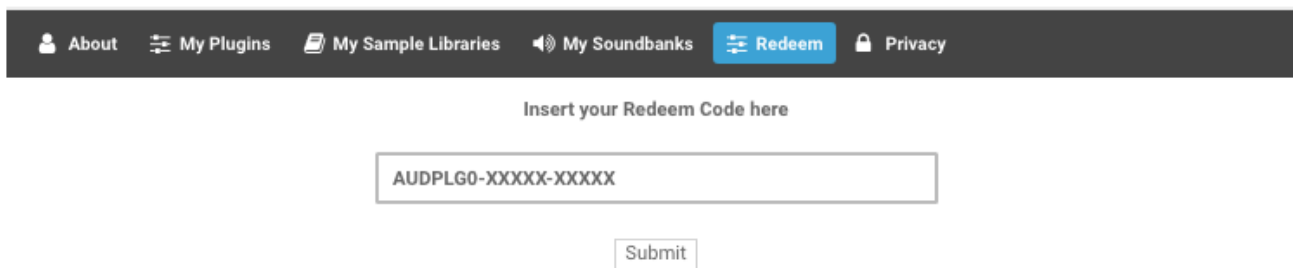
I read and agree to the Privacy Policy and Terms of Use



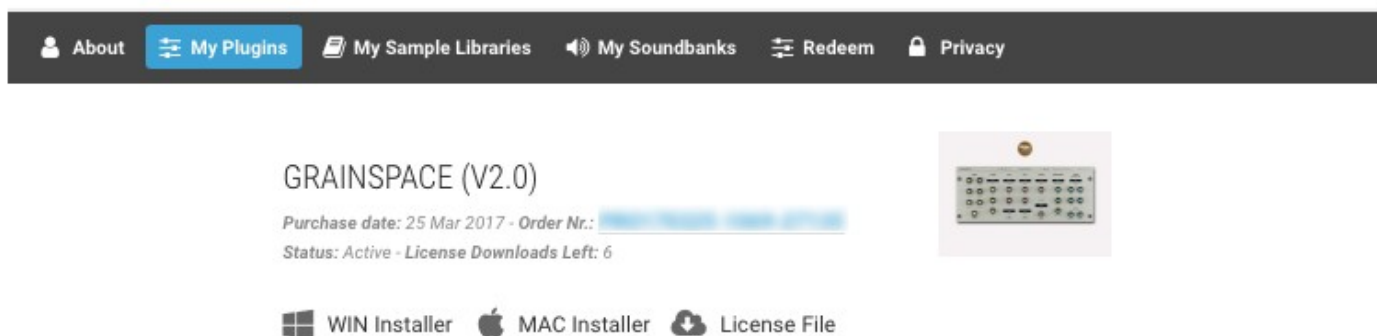
Register

Login

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.

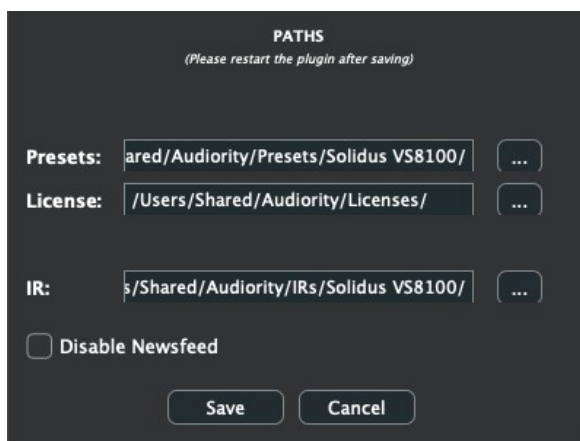


3) After submitting the code, a license will be deposited in your account and will be shown in “**MY PLUGINS**” section of your User Area.



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.

### PARAMETERS

<b>ECHO / CHORUS</b>	Sets the operation mode of the pedal
<b>BOOST</b>	Boosts the input signal by +6dB
<b>DELAY</b>	Sets the delay time
<b>FEEDBACK</b>	Sets the repetition rate
<b>BLEND</b>	Mixes between the pedal clean and delayed signal. The clean signal is still coloured by the internal circuitry
<b>POWER</b>	Turns the entire effect on and off. Use this as a full bypass

### GLOBAL CONTROLS (Footer)

<b>DELAY EXT.</b>	Switch between the original MN3005 BBD (with a max delay time of 310ms) with the RD5108A BBD (with a max delay time of 4 seconds)
<b>STEREO</b>	Enables the vintage stereo mode, where the L/R output are 180° apart from each other
<b>SYNC</b>	Syncs the delay time to the host
<b>DUCKING</b>	Lowers the volume of the delayed signal according to the input amplitude and delay time
<b>MOD</b>	Sets the modulation speed
<b>SPREAD</b>	Widen the stereo image by shifting the BBD speed. Won't have any effect when the plugin is on a mono track
<b>INPUT / OUTPUT</b>	Pre/Post effect gain
<b>MIX</b>	Dry/wet signal mixer

### RESIZING CONTROLS (Audiority logo menu)

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

**RIGHT-CLICK OPTIONS:** Each one of the knobs can be locked so it won't change its value.

This is very useful when you load the plugin on an AUX/SEND channel. To lock a knob, simply **RIGHT CLICK** it and select **LOCK PARAMETER**.



# CHANGELOG

**v1.0** (Mar 2023)  
- Original release

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Last updated on Jan 25th, 2023

# Thank You

We wanna thank you for buying **Audiority Dark Memory** plugin.

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](mailto:info@audiority.com)

or checkout our site at [www.audiority.com](http://www.audiority.com)

Cheers,  
Luca

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