

A M A R I L A B S



ARCANE

ECLIPSE

USER MANUAL · macOS Edition · v1.1

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This manual covers **Arcane Eclipse v1.1**, macOS Edition. Sections marked **NEW** describe features added in v1.1.

1 Welcome & What's New

Arcane Eclipse is a complete guitar rig in one plugin: a neural amp-capture player, a cabinet loader, a full pedalboard of effects, a tuner, and 32 preset slots.

Plug your guitar into your audio interface, insert Arcane Eclipse on the track (or open the Standalone app), and pick a preset. It ships with ready-to-play factory presets built on Amari Labs' own amp captures and cabinet IRs, and you can load your own NAM captures (`.nam`) and impulse responses (`.wav`) at any time.

What's new in v1.1

Feature	What it gives you	Section
Redesigned interface	A new amp-head look, with every control on one screen	5
Startup screen	Branded welcome screen; press any key or click to start	4
7-day free trial	Try every feature before you buy	4
Dual Amp/IR	Run two amp + cabinet sets at once and blend them	9
Stereo Doubler	Wide, double-tracked guitar from a single take	7
Overdrive pedal captures	Load a NAM capture of a real pedal into the Overdrive	10
Effect types	Chorus, Flanger, Phaser · Digital, Analog, Tape, Echo · Room, Hall, Plate, Spring, Ambient, Swell	10
Shimmer	An in-tune octave-up layer on any reverb	10
Tap tempo	Tap the delay footswitch to set the echo time	10
A/B compare	Flip between two versions of a sound before saving	11
8 banks, 32 slots	More room for your sounds, plus tone export and import	11
Redesigned tuner	Large note display, cents meter, strobe and string guide	12
Rig bypass	One click to hear your dry guitar	12

2 System Requirements

Item	Requirement
Computer	Mac with Apple Silicon (M1, M2, M3, M4 or newer)
Operating system	macOS 11 Big Sur or newer
Plugin formats	VST3, Audio Unit (AU), plus a Standalone app
Hosts (DAWs)	Any AU or VST3 host: Logic Pro, GarageBand, Reaper, Ableton Live, Cubase, Studio One and others
Sample rate	48 kHz recommended

Note: This build is not yet Apple-notarized, so macOS shows a one-time security warning the first time. The installer clears it for you; see section 3.

3 Installation

Easiest way: the installer

1. **Right-click** `Install Arcane Eclipse.command` → **Open** → **Open**. Right-click the first time rather than double-clicking; this is how macOS allows an unsigned script.
2. A Terminal window opens and shows progress. Wait until it says **Done!**, then close it.

The installer copies all three formats into your plug-in folders, clears the security quarantine, and installs the amp captures, cabinet IRs and factory presets. No admin password is needed.

Manual way (optional)

Copy each item to its folder. In Finder, press `Cmd+Shift+G` to jump to a path.

File	Destination
Arcane Eclipse.vst3	<code>~/Library/Audio/Plug-Ins/VST3/</code>
Arcane Eclipse.component (AU)	<code>~/Library/Audio/Plug-Ins/Components/</code>
Arcane Eclipse.app	<code>/Applications/</code> (optional)

Then clear the quarantine in **Terminal**:

```
xattr -dr com.apple.quarantine ~/Library/Audio/Plug-Ins/VST3/"Arcane Eclipse.vst3"  
xattr -dr com.apple.quarantine ~/Library/Audio/Plug-Ins/Components/"Arcane Eclipse.component"  
xattr -dr com.apple.quarantine /Applications/"Arcane Eclipse.app"
```

Upgrading from v1.0

Install v1.1 over your current version. Your license stays activated, so you won't be asked for your code again. If you've saved your own sounds, back up your presets file first (section 14).

4 First Launch, Free Trial & Activation

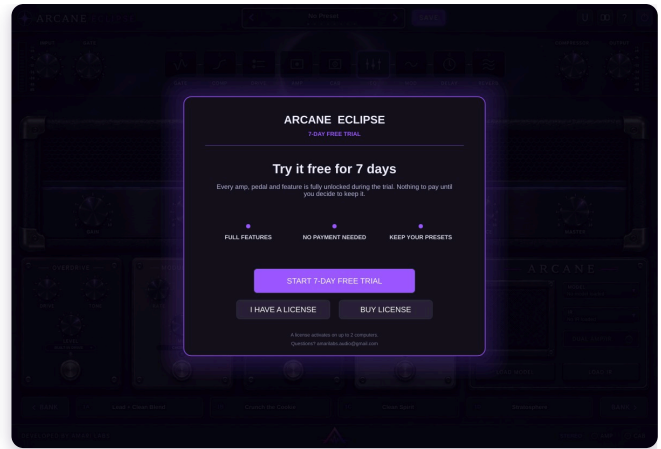
The startup screen NEW

Each time Arcane Eclipse loads, a startup screen shows the Amari Labs logo and the product name. **Press any key or click anywhere** and the panel powers on. In a DAW it appears once each time the plugin loads, not every time you reopen the plugin window. Your audio is never held up by it.

Tip: Some DAWs (for example Ableton Live) keep keyboard keys for their own shortcuts until you click the plugin window. If a key press does nothing, just click.



The startup screen



The free-trial screen on first use

Free 7-day trial NEW

If this Mac has no license yet, Arcane Eclipse offers a free trial after the startup screen.

- **Start:** click **START 7-DAY FREE TRIAL**. Every amp, pedal and feature is unlocked.
- **During the trial:** a reminder shows the days left once per session, and a **TRIAL · N DAYS LEFT** badge sits in the top bar. Click the badge to buy or activate at any time.
- **When it ends:** the sound is muted and the screen offers **BUY LICENSE** and **ACTIVATE LICENSE**. Your presets and settings are kept, so everything comes back as it was once you activate.

The trial can be used once per computer.

Activating your license

Click **I HAVE A LICENSE** (or **ACTIVATE LICENSE**) and enter your details exactly as they were sent to you:

Field	What to enter
Full Name	The name on your license
Email	Your purchase email
Serial Number	The serial you were given, for example AE-00001
License Code	Paste the license code

Click **ACTIVATE**. The license is saved and you won't be asked again on this Mac.

A license activates on up to **2 computers**. To move it to a new computer, contact support (section 16).

5 The Interface at a Glance



Arcane Eclipse v1.1 with factory preset 1A loaded

- 1 Preset browser.** Shows the current preset; the arrows step through presets and the dots show the bank.
- 2 SAVE, EXPORT, IMPORT.** Save the current sound to any slot; share presets and banks (section 11).
- 3 Tuner.** Opens the full-screen tuner.
- 4 A/B compare.** Click to flip between two versions of the sound; right-click (or Control-click) for options.
- 5 Help.** Credits and licenses.
- 6 Rig bypass.** Hear your dry guitar.
- 7 INPUT and GATE** with the input meter.
- 8 Signal chain.** Click a block to switch it on or off.
- 9 COMPRESSOR and OUTPUT** with the output meter.
- 10 Amp controls:** Gain, Bass, Mid, Treble, Presence, Master.
- 11 Effect pedals:** Overdrive, Modulation, Delay, Reverb.
- 12 Type selector.** Click to choose the effect type (or the drive source on the Overdrive).
- 13 Footswitch.** Switches the pedal on or off (Delay: tap tempo option).
- 14 Amp & cab loader.** MODEL and IR boxes, LOAD MODEL and LOAD IR.
- 15 DUAL AMP/IR.** Adds a second amp and cabinet.
- 16 Banks and slots.** Four preset slots per bank; BANK buttons change bank.
- 17 Output mode.** Click for Mono, Stereo or Stereo + Doubler.
- 18 AMP / CAB lights.** Lit when an amp capture or cabinet IR is loaded.

Tip: Hover over a knob to see its exact value. Right-click (or control-click) a knob, footswitch or chain block for **MIDI Learn** (section 13).

6 Signal Chain

Your guitar flows left to right through these blocks:

#	Block	What it does	How to switch it
1	GATE	Noise gate; cuts hum and hiss between notes	Click the GATE block
2	COMP	Compressor; evens out dynamics and adds sustain	Click the COMP block
3	DRIVE	Overdrive pedal in front of the amp	DRIVE block or the pedal's footswitch
4	AMP	The amp capture (one or two with Dual Amp/IR)	Lights when a model is loaded
5	CAB	Cabinet impulse response (the speaker and mic)	Lights when an IR is loaded
6	EQ	The amp's tone controls	Always on
7	MOD	Chorus, flanger or phaser	MOD block or footswitch
8	DELAY	Echo	DELAY block or footswitch
9	REVERB	Space and ambience	REVERB block or footswitch

Effects are off by default, so you build each sound on purpose. A switched-off block is removed from the signal completely.

7 Input, Gate, Compressor & Output

Control	Range	Default	Purpose
INPUT	-20 to +20 dB	0 dB	Level going into the rig. Aim for a healthy meter that never hits the top.
GATE	-80 to -40 dB	-60 dB	Gate threshold: how quiet the signal must get before the gate closes. Switch the gate on with the GATE block.
COMPRESSOR	-40 to 0 dB	-18 dB	Compressor threshold: turn it down for more squeeze and sustain. Switch it on with the COMP block.
OUTPUT	-20 to +20 dB	0 dB	Final level leaving the plugin.

The compressor's ratio (4:1), attack (10 ms), release (100 ms) and makeup gain are preset for guitar. They are also available as automation parameters in your DAW if you want to fine-tune them.

Output mode and the Stereo Doubler NEW

Click the word **STEREO** (or MONO / DOUBLER) in the bottom bar to choose how the rig outputs:

Mode	Sound
Mono	Everything summed to one centred signal
Stereo	Keeps the stereo spread of the modulation, delay and reverb
Stereo + Doubler	Turns one guitar take into a wide double-tracked sound. Each side gets its own slightly different "second take", while the original stays in the centre so the tone stays solid in mono.

Choose the doubler width under **Doubler width: Subtle (35%), Medium (60%) or Wide (100%)**. The doubler keeps your level steady, so switching it on doesn't jump in volume.

8 Amplifier & Cabinet

Amplifier

Knob	Range	Default	What it does
GAIN	0–10	4.2	Drive into the amp capture. Low = cleaner, high = more saturated.
BASS	0–10	5.0	Low end: body and weight.
MID	0–10	5.5	Midrange: cut in a mix (scoop it for modern metal).
TREBLE	0–10	6.0	Highs: bite and clarity.
PRESENCE	0–10	4.5	Top-end sparkle and pick attack.
MASTER	0–10	6.5	Amp output volume.

Bass, Mid, Treble and Presence each give up to ± 12 dB of boost or cut; 5 is flat.

Choosing an amp capture

Click the **MODEL** box to open the amp menu:

- **Amari Library - NAM** **NEW**: the amp captures that come with Arcane Eclipse, plus any you add. Sub-folders in the library show up as sub-menus. A tick marks the capture that's loaded.
- **Load model from file...** (or the **LOAD MODEL** button): any standard NAM capture (**.nam**) or Amari Labs capture pack (**.aecap**) on your Mac.
- **Add to library...** **NEW**: copies captures into the library so they're in the menu from now on. **Remove from library** moves one to the library's **Removed** folder (nothing is deleted).
- **Normalize capture levels** **NEW** (on by default): evens out the volume between captures, so switching from one capture to another doesn't jump or drop in level. The menu shows how much it adjusts the loaded capture. Untick it to hear the capture's original level.
- **Open library folder** and **Clear model**.

Cabinet (IR)

The cabinet stage plays a speaker impulse response, which gives the amp its final "miked-up" sound. Click the **IR** box:

- **Built-in cabinets** **NEW**: nine Eclipse cabinets made by Amari Labs, always available: **Eclipse 1x12**, **Eclipse 2x12** and **Eclipse 4x12**, each in versions v1, v2 and v3.
- **Amari Library - IR**: the cabinet IRs in the library, plus any you add.
- **Load IR from file...** (or the **LOAD IR** button): any mono or stereo **.wav** impulse response.
- **Add to library...**, **Remove from library**, **Open library folder** and **No cab (bypass)**.

Tip: A tone that sounds fizzy or harsh usually means no IR is loaded. Check that the **CAB** light in the bottom bar is on.

9 Dual Amp/IR

NEW Dual Amp/IR runs two complete amp + cabinet sets side by side and blends them, for example a high-gain amp under a clean one, or two different cabinets.

1. Click **DUAL AMP/IR**. The **1**, **2** and **MIX** controls appear.



Dual Amp/IR with both amps loaded

2. Click **1** or **2** to choose which amp you're editing. The MODEL and IR boxes and the LOAD buttons now work on that amp (the small number badge shows which).
3. Load a model and an IR for each amp.
4. Drag **MIX** to blend. The readout shows the balance, for example **70 / 30**. Double-click MIX for 50 / 50.

Amp level faders and MATCH

In Dual mode the grille shows an **AMP LEVEL** fader for each amp (–24 to +24 dB). Captures can differ in loudness by a lot, so set the levels first and the MIX blend will behave predictably.

- **MATCH:** play for a few seconds, then click MATCH. Arcane Eclipse measures both amps and sets the faders so they play at the same loudness.
- Double-click a fader to return it to 0 dB.

The amp knobs and effects are shared by both amps. Both amps, both IRs, the faders and MIX are saved with your presets.

10 Effects

Each pedal has its own footswitch and a **type selector** under its knobs. Click the type selector to change the pedal's character.

Overdrive

A pedal in front of the amp that tightens the low end and pushes the amp harder.

Control	Range	Default	Built-in drive	With a pedal capture
DRIVE	0–1	0.50	Amount of overdrive	Input level into the capture (±12 dB)
TONE	0–1	0.50	Dark to bright	Tilt EQ, dark to bright (±6 dB)
LEVEL	0–1	0.70	Pedal output volume	Output volume (–24 to +6 dB)

Pedal captures NEW: click the type selector (it reads **BUILT-IN DRIVE**) to use a NAM capture of a real overdrive pedal instead of the built-in drive:

- **Amari Library - Pedals:** four drive pedal captures by Amari Labs, **Amari - Drive 1** to **Drive 4**, plus any pedal captures you copy into the Pedals folder.
- **Load pedal capture from file...:** any .nam or .aecap pedal capture. **Open pedal folder** shows the folder.
- **Use built-in drive** goes back to the built-in circuit. The pedal capture is saved with your presets.

Modulation

Control	Range	Default	Purpose
RATE	0.1–4 Hz	1.5 Hz	Speed of the movement
DEPTH	0–1	0.50	Intensity
MIX	0–1	0.70	Dry/effect blend

Types: **Chorus** (lush and wide, the default) · **Flanger** (jet-like sweep) · **Phaser** (swirling, vocal sweep).

Delay

Control	Range	Default	Purpose
TIME	20–2000 ms	350 ms	Gap between echoes
FEEDBACK	0–0.97	0.35	Number of repeats
MIX	0–1	0.35	Dry/echo blend

Types: **Digital** (clean, clear repeats, the default) · **Analog** (warm, darker repeats that saturate as they fade) · **Tape** (soft highs with a gentle wow and flutter) · **Echo** (brighter vintage repeats with a little grit).

Tap tempo **NEW**: in the Delay type selector, tick **Footswitch = Tap tempo (hold = on/off)**. Then:

- **Tap** the Delay footswitch in time with the music; two taps or more set the delay time. A pause of more than 2.5 seconds starts a new count.
- **Hold** the footswitch (about half a second) to switch the delay on or off.
- Under **Tap division**, choose how the echo follows your taps: **1/4**, **Dotted 1/8**, **1/8** or **1/8 triplet**.

Reverb

Control	Range	Default	Purpose
DECAY	0–1	0.50	How long the tail lasts
SIZE	0–1	0.50	Size of the space (on Swell: how slowly notes fade in)
MIX	0–1	0.50	Dry/reverb blend

Type	Character
Room	Natural small-to-medium room (the default)
Hall	Large, smooth concert hall
Plate	Bright, dense studio plate
Spring	Classic amp spring tank with a bouncy edge
Ambient NEW	Huge, soft, slowly moving wash for pads and textures
Swell NEW	Automatic volume swell: each note fades in, like a volume pedal, into the reverb

Shimmer **NEW**: tick **Shimmer (octave-up)** in the Reverb type selector to add an in-tune octave-up layer to the reverb tail. It works with every reverb type and sits behind the guitar rather than over it.

11 Presets, Banks & A/B Compare

Presets are organised in **8 banks**, each with four slots (**A–D**), for **32 slots** in total. A preset recalls everything: the amp(s), cabinet(s), every knob, effect types and the overdrive source.

Factory presets

Banks 1 and 2 hold eight factory presets made by Amari Labs with the captures, cabinets and drive pedals in the Amari Library. Banks 3 to 8 are empty, ready for your own sounds.

Slot	Preset	Character
1A	Lead The Way	Singing lead, with drive pedal
1B	Rhythm of the Night	High-gain rhythm
1C	Clean Spirit	Clean
1D	Stratosphere	Ambient clean, two amps blended
2A	Heavy Pump	High gain
2B	Overdriven	Crunch pushed by a drive pedal
2C	Mateus Wasabi	Clean amp with a drive pedal
2D	Luka Steve	Lead, with drive pedal

Using presets

- **Load:** click a slot, or use the arrows in the preset browser. **< BANK** and **BANK >** change bank.
- **Save:** click **SAVE** and pick any bank and slot, or right-click (or Control-click) a slot → **Save here**.
- **Rename / Delete:** right-click (or Control-click) a slot, or use the **SAVE** menu for the current preset.

Sharing tones: EXPORT and IMPORT NEW

The **EXPORT** and **IMPORT** buttons in the top bar share your sounds with other Arcane Eclipse users:

- **EXPORT** → **This preset...** saves the current preset as a **.aetone** file. **EXPORT** → **Whole bank...** saves all four slots of the current bank as one **.aebank** file.
- **IMPORT** loads a **.aetone** into the slot you pick, or a **.aebank** into the current bank. If slots already hold presets, Arcane Eclipse lists them and asks before replacing them.
- The captures and IRs a tone uses travel inside the file, so the person you send it to hears exactly your sound. Built-in cabinets aren't packed because everyone already has them.
- You can also right-click (or Control-click) a slot for **Export tone...** and **Import tone....**

Changing knobs or effect types does not change a saved preset until you save it. Switch away and back, and the preset comes back exactly as you saved it.

A/B compare NEW

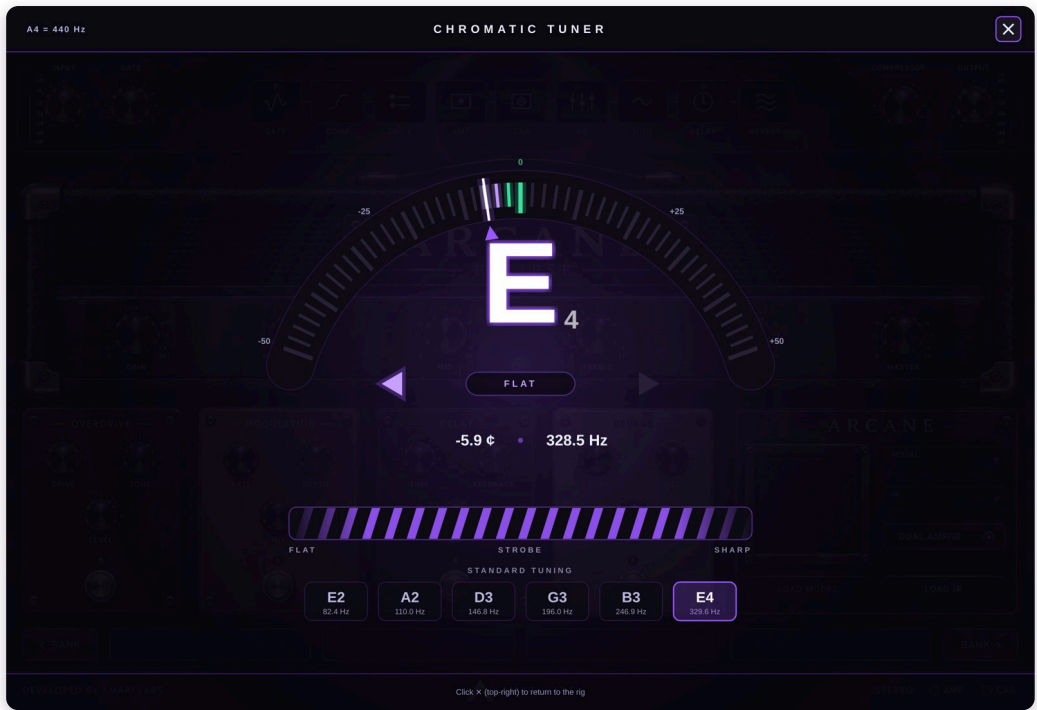
The **[]** icon in the top bar holds two versions of the sound you're working on:

1. Click the icon. What you had becomes **A**, and you are now on **B** (a copy of A). The preset name shows **[B]**.
2. Tweak B, then click to flip between A and B as often as you like.
3. Save the one you prefer with **SAVE**.

Right-click (or control-click) the icon for **Switch**, **Copy A to B** (or B to A) and **Reset A/B**. Loading another preset clears A/B.

12 Tuner & Rig Bypass

Tuner NEW design



The tuner, reading E4 slightly flat

Click the **tuning-fork icon** in the top bar. The tuner shows the note and octave, a cents meter, the exact frequency, a strobe band that drifts left when flat and right when sharp, and a standard-tuning string guide. The meter turns green and the note reads **IN TUNE** when you're within a few cents. Reference pitch is A4 = 440 Hz. Click **X** (top right) or the tuning-fork icon to return. Your guitar still plays through the rig while tuning.

Rig bypass NEW

Click the **power icon** (top right) to bypass the whole rig and hear your dry guitar. The icon turns red and the panel shows **RIG BYPASSED**. Click again to return. Switching is smooth and click-free, and bypass is never saved, so a project always reopens with the rig on.

13 MIDI Control

Control Arcane Eclipse from a MIDI footswitch or controller. It responds to MIDI CC and MIDI notes, so most pedals work in either mode.

To control	Do this
Any knob	Right-click (or control-click) the knob → MIDI Learn , then move a control on your MIDI device
An effect on/off	Right-click (or control-click) the chain block or footswitch → MIDI Learn (footswitch) , then press your pedal
A preset slot	Right-click (or control-click) the slot → MIDI Learn (footswitch)
Preset / bank up and down	Right-click (or control-click) the arrows or BANK buttons → MIDI Learn
Dual MIX	Right-click (or control-click) the MIX slider → MIDI Learn

While learning, the control pulses with a **LEARN** label; left-click anywhere to cancel. Choose **Clear MIDI** from the same menu to remove an assignment. Assignments are saved with your project. With tap tempo on, the Delay's MIDI footswitch taps the tempo.

14 File Locations

Item	Location
VST3 plugin	~/Library/Audio/Plug-Ins/VST3/
Audio Unit (AU)	~/Library/Audio/Plug-Ins/Components/
Standalone app	/Applications/
Amp captures (.nam)	/Users/Shared/Amari Labs/Arcane Eclipse/Models/
Cabinet IRs (.wav)	/Users/Shared/Amari Labs/Arcane Eclipse/IRs/
Pedal captures (.nam)	/Users/Shared/Amari Labs/Arcane Eclipse/Pedals/
Presets and license	~/Library/ArcaneEclipse/ (presets.xml , license.dat)

Tip: ~/Library is hidden by default. In Finder, press **Cmd+Shift+G** and type the path to open it.

The **Amari Library**: the factory amp captures, cabinet IRs and pedal captures, plus anything you add with **Add to library....** You can also copy files into these folders yourself; reopen the MODEL or IR menu to see them.

```
/Users/Shared/Amari Labs/Arcane Eclipse/Models/    (.nam files)
/Users/Shared/Amari Labs/Arcane Eclipse/IRs/       (.wav files)
/Users/Shared/Amari Labs/Arcane Eclipse/Pedals/    (pedal .nam files)
```

15 Tips & Troubleshooting

Problem	Fix
No sound at all	Check that the trial is running or your license is activated (section 4), and that RIG BYPASSED isn't showing. Check INPUT and OUTPUT.
Startup screen won't go away with a key	Click anywhere on it; your DAW may be keeping the keyboard (section 4).
Plugin doesn't appear in my DAW	Rescan plugins. For Logic or GarageBand: quit, run <code>killall -9 AudioComponentRegistrar</code> in Terminal, then reopen.
"Unidentified developer" warning	Run the installer again, or right-click the app → Open → Open (section 3).
A factory preset loads with no amp or cab	Its capture or IR is missing from <code>/Users/Shared/Amari Labs/Arcane Eclipse/</code> . Run the installer again.
Tone sounds harsh or fizzy	Make sure a cabinet IR is loaded (CAB light on). Set your session to 48 kHz.
Dual Amp/IR: one amp drowns the other	Play a few seconds and click MATCH (section 9).
Too much noise or hum	Switch on the GATE block and raise the GATE knob slightly.
Delay ignores my taps	Tick Footswitch = Tap tempo in the Delay type selector and tap at least twice.
Trial ended	Click BUY LICENSE , then activate with the details you receive. Your presets are kept.

16 Support

Questions, license transfers, or trouble getting set up? We're happy to help.

Email: amarilabs.audio@gmail.com



Arcane Eclipse © 2026 Amari Labs. macOS Edition, v1.1. A fully signed and notarized Mac build (no security warning) is planned for a future update. Open-source credits are listed in the plugin under the ? icon and in THIRD-PARTY-LICENSES.txt.