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NEW!

LUSION

SMART REVERB

Powerful, Intelligent Reverb Plugin

User Guide · Version 1.0 · macOS AU / VST3

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LUSION SMART REVERB

Powerful, Intelligent
Reverb Plugin

GET IT NOW



VST

AU



AU

VST3

STANDALONE

macOS 11+

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1 Introduction

Welcome to **Lusion Smart Reverb** — an intelligent, AI-inspired reverb plugin designed by LusionBeatz for professional music producers, beatmakers, and audio engineers.

Lusion Smart Reverb combines a powerful reverb engine with an intelligent **AUTO MODE** that automatically selects the best reverb character for your audio. Whether you need a tight room, a lush long tail, or anything in between — Lusion Smart Reverb delivers with zero fuss.

Key Features

- Three Reverb Modes: **SHORT**, **LONG**, and **TAIL**
- **AUTO MODE** — intelligent automatic mode switching based on incoming audio
- Real-time waveform visualizer reacting to your signal
- Simple 3-knob interface: **WET**, **DECAY**, **WIDTH**
- Ultra-low CPU usage — runs efficiently on any modern Mac
- Available as **AU** (Audio Unit) and **VST3** plugin formats for macOS
- Compatible with Logic Pro, Ableton, Reaper, Studio One, Cubase & more

2 System Requirements

Requirement	Details
Operating System	macOS 11 Big Sur or later — Apple Silicon (M1/M2/M3/M4) & Intel
Plugin Formats	AU (Audio Unit) · VST3
DAW Compatibility	Logic Pro, GarageBand, Ableton Live, Reaper, Studio One, Cubase
RAM	4 GB minimum · 8 GB recommended
CPU	Apple Silicon or Intel 64-bit processor (multi-core recommended)
Disk Space	Approximately 20 MB

3 Installation

Your download contains a folder named **LSR-MAC**. Inside you will find two items:

- **LUSIONBEATZSMARTREVERT.vst3** — VST3 plugin folder
- **LUSIONBEATZSMARTREVERT** — AU component / Standalone app

Option A — AU (Audio Unit) Installation

Recommended for Logic Pro and GarageBand users.

- 1 Open a Finder window.
- 2 Press **Cmd + Shift + G** to open "Go to Folder".
- 3 Paste the path below and press **Enter ↵**:

```
~/Library/Audio/Plug-Ins/Components/
```

- 4 Copy **LUSIONBEATZSMARTREVERT** into that folder.
- 5 Restart your DAW — it will scan automatically.
- 6 Search for **LUSION SMART REVERB** in your plugin browser and load it.

Option B — VST3 Installation

For Ableton Live, Reaper, Studio One, Cubase and other VST3 hosts.

- 1 Open Finder and press **Cmd + Shift + G**.
- 2 Paste the path below and press **Enter ↵**:

```
~/Library/Audio/Plug-Ins/VST3/
```

- 3 Copy the entire **LUSIONBEATZSMARTREVERT.vst3** folder into that location.
- 4 Restart your DAW and perform a plugin rescan.

Standalone App

No installation needed. Simply locate **LUSIONBEATZSMARTREVERT** in the LSR-MAC folder and double-click to launch — it runs independently of any DAW.

NOTE If macOS shows "unidentified developer", go to System Settings › Privacy & Security › Open Anyway.

DAW-Specific Scan Instructions

DAW	Rescan Method
Logic Pro / GarageBand	Logic Pro → Settings → Plug-in Manager → Reset & Rescan All

DAW	Rescan Method
Ableton Live	Preferences → Plug-Ins → AU or VST3 Folder → Rescan
Reaper	Options → Preferences → VST → Re-scan
Studio One	Settings → Locations → Audio Unit Plug-ins → Scan
Cubase	Studio Setup → VST Plug-in Manager → Update

4 Interface Overview

Lusion Smart Reverb is built around a clean, minimal interface. Every control is immediately accessible — no hidden menus, no complex routing.

Top Bar

- **LUSION SMART REVERB** — Plugin title and branding
- **AUTO MODE** button — Toggles intelligent automatic processing ON or OFF
- **Mode Selector** (SHORT / LONG / TAIL) — Sets the reverb character

Sub-Header Status Bar

- Displays the current operating mode, e.g. *"INTELLIGENT PROCESSING LONG MODE"* or *"MANUAL MODE SHORT"*

Waveform Visualizer

- Real-time waveform display that reacts dynamically to incoming audio

Control Knobs

Knob	Range	Description
WET	0.00 – 1.00	Mix between dry and wet signal. 0.00 = fully dry (bypassed). 1.00 = 100% reverb only.
DECAY	0.10 – 6.50	How long the reverb tail rings after the sound stops. Low = tight room. High = large hall.
WIDTH	0.00 – 1.30	Stereo width of the reverb. 0.00 = mono centered. 1.30 = maximum stereo spread.

5 Reverb Modes

The mode selector defines the fundamental character of the reverb engine. Each mode is tuned for different source material and production styles.

SHORT	A tight, close reverb designed for snares, vocals, and instruments where you want subtle depth without washing out the mix. Ideal for trap , hip-hop , and pop productions.
LONG	A large, open reverb suited for pads, leads, and atmospheric sounds. Creates a sense of space and dimension. Perfect for ambient , R&B , and cinematic productions.
TAIL	An extended reverb tail that lingers and fades slowly. Great for dramatic transitions, vocal chops, and creative sound design .

NOTE In **AUTO MODE**, the plugin automatically selects **SHORT**, **LONG**, or **TAIL** based on incoming audio.

6 Auto Mode

AUTO MODE is the intelligent heart of Lusion Smart Reverb. When enabled, the plugin analyses incoming audio in real time and automatically switches between **SHORT**, **LONG**, and **TAIL** to best suit the material — hands-free.

Enabling Auto Mode

- 1 Click the **AUTO MODE** button (top-right of the plugin) — it will illuminate.
- 2 The status bar confirms: *"INTELLIGENT PROCESSING [MODE] MODE"*.
- 3 Freely adjust **WET**, **DECAY**, and **WIDTH** — Auto Mode only controls reverb character.

Manual Mode

When **AUTO MODE** is off, you have full manual control. Select **SHORT**, **LONG**, or **TAIL** from the dropdown. The status bar shows *"MANUAL MODE [MODE]"*.

7 Tips & Workflows

Use Case	Mode	WET	DECAY	WIDTH
Vocal Reverb	SHORT or LONG	0.20–0.35	0.80–1.50	0.80–1.00
Snare / Drum Room	SHORT	0.15–0.25	0.30–0.70	0.60–0.80
Pad / Synth Atmos.	LONG or TAIL	0.40–0.70	2.00–5.00	1.00–1.30

TIP Send/Return tip: Load on a Reverb Bus, set WET = 1.00, control level via track Send knob.

8 Troubleshooting

Problem	Solution
Plugin not showing in DAW	Confirm the AU is in ~/Library/Audio/Plug-Ins/Components/ or VST3 in ~/Library/Audio/Plug-Ins/VST3/
No sound / audio not passing	Check track volume, ensure plugin is not bypassed, and that WET is above 0.00.
"Unidentified developer" warning	System Settings → Privacy & Security → Open Anyway. Normal for non-notarized software.
Plugin crashes on load	Ensure macOS 11+ and a fully updated 64-bit DAW. Apple Silicon: confirm Rosetta 2 or native ARM.
Reverb too loud or too quiet	Adjust WET knob. For bus setups, set WET = 1.00 and control with DAW Send level.
Not visible on Apple Silicon Mac	Right-click DAW app → Get Info → tick "Open using Rosetta" if DAW lacks native M-series support.

9 Contact & Support

For issues, questions, or feedback, please reach out through any of the following channels. We read every message and typically respond within 24–48 hours.

Channel	Details
Website	www.lusionbeatz.com
Email	support@lusionbeatz.com
Instagram	@lusionbeatz

If you enjoy Lusion Smart Reverb, please leave a review — it helps the plugin reach more producers and supports future development. **Thank you!**

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