



LUSION SMART REVERB

User Guide — Version 1.0

Powerful, Intelligent Reverb Plugin | Windows VST3

The image shows a promotional banner for the Lusion Smart Reverb plugin. On the left, the text 'NEW!' is in a red pill-shaped box. Below it, 'LUSION SMART REVERB' is written in large, bold, red letters. Underneath that, 'Powerful, Intelligent Reverb Plugin' is written in a smaller, white font. At the bottom left, there is a red pill-shaped button with the text 'GET IT NOW'. Below the button are four small icons: a Windows logo, a Mac logo, a VST logo, and an AU logo. On the right side of the banner is a screenshot of the plugin's interface. The interface has a dark theme with red accents. At the top, it says 'LUSION SMART REVERB' and 'MANUAL MODE LONG'. There are two tabs: 'AUTO MODE' and 'LONG REVERB'. Below the tabs is a waveform display. At the bottom, there are three large knobs labeled 'WET', 'DECAY', and 'WIDTH'. The 'WET' knob is set to 0.30, the 'DECAY' knob is set to 1.50, and the 'WIDTH' knob is set to 1.00. The background of the banner is a dark, starry space with red nebulae.

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
- › Real-time waveform visualizer
- › Simple 3-knob interface: WET, DECAY, WIDTH
- › Ultra-low CPU usage
- › Works as VST3 plugin or standalone app
- › Compatible with all major DAWs on Windows 10 / 11

2. System Requirements

Requirement	Details
Operating System	Windows 10 or Windows 11 (64-bit only)
Plugin Format	VST3
DAW Compatibility	FL Studio, Ableton Live, Reaper, Studio One, Cubase, and any VST3 host
RAM	4 GB minimum 8 GB recommended
CPU	Intel or AMD 64-bit processor (multi-core recommended)
Disk Space	Approximately 20 MB

3. Installation

VST3 Plugin Installation

1. Locate the file in your ZIP:

```
LUSIONBEATZSMARTREVERT.vst3
```

2. Copy the entire .vst3 folder into:

3. Restart your DAW and perform a plugin scan.

4. Search for "LUSION SMART REVERB" in your plugin browser and load it.

```
C:\Program Files\Common Files\VST3\
```

DAW-Specific Scan Instructions

- › FL Studio: Options > Manage Plugins > Start Scan
- › Ableton Live: Preferences > Plug-Ins > VST3 Folder > Rescan
- › Reaper: Options > Preferences > VST > Re-scan
- › Studio One: Settings > Locations > VST Plug-ins > Scan
- › Cubase: Studio Setup > VST Plug-in Manager > Update

Standalone App

No installation required. Locate LUSIONBEATZSMARTREVERT.exe in your ZIP and double-click to launch. The app runs independently of any DAW.

Note: If Windows shows a security warning on the .exe, click 'More Info' then 'Run Anyway'. This is normal for software without a commercial code-signing certificate.

4. Interface Overview

The Lusion Smart Reverb interface is clean and minimal by design. Every element is visible at a glance.

Top Bar

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

Sub-Header

- › Displays the current mode status, e.g. 'INTELLIGENT PROCESSING LONG MODE' or 'MANUAL MODE SHORT'

Waveform Visualizer

- › Central real-time waveform display that reacts dynamically to the incoming audio signal

Control Knobs

Parameter	Range	Description
WET	0.00 – 1.00	Controls the mix between dry (original) and wet (reverb) signal. At 0.00 the effect is bypassed; at 1.00 the output is 100% reverb.
DECAY	0.10 – 6.50	Sets how long the reverb tail rings out after the sound stops. Low values give tight rooms; high values create large halls.
WIDTH	0.00 – 1.30	Adjusts the stereo width of the reverb. Lower values are mono-centered; higher values spread the reverb across the full stereo field.

5. Reverb Modes

The mode selector lets you choose the fundamental character of the reverb engine.

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 the characteristics of the incoming audio.*

6. Auto Mode

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

How to Enable Auto Mode

- › Click the AUTO MODE button in the top-right corner to enable it — it will highlight.
- › The status bar will confirm: 'INTELLIGENT PROCESSING [MODE] MODE'.
- › Continue adjusting WET, DECAY, and WIDTH freely — Auto Mode only controls the reverb character, not the knob values.

Manual Mode

When AUTO MODE is off, you are in full manual control. Use the mode dropdown to choose SHORT, LONG, or TAIL yourself. The status bar will show 'MANUAL MODE [MODE]'.

7. Tips & Workflows

Vocal Reverb

- › Mode: SHORT or LONG depending on the vibe
- › WET: 0.20 – 0.35 for a subtle blend
- › DECAY: 0.80 – 1.50
- › WIDTH: 0.80 – 1.00 for wide stereo presence

Snare / Drum Room

- › Mode: SHORT
- › WET: 0.15 – 0.25
- › DECAY: 0.30 – 0.70 for a tight snap
- › WIDTH: 0.60 – 0.80

Pad / Synth Atmosphere

- › Mode: LONG or TAIL
- › WET: 0.40 – 0.70
- › DECAY: 2.00 – 5.00 for lush spaces
- › WIDTH: 1.00 – 1.30 for maximum width

Send / Return FX Chain (Recommended)

For best results in a mix, load Lusion Smart Reverb on a dedicated Reverb Send/Return channel. Set WET to 1.00 (fully wet) and control the reverb level using the Send knob on each track. This gives maximum flexibility and keeps your CPU efficient.

8. Troubleshooting

Problem	Solution
Plugin not showing in DAW	Make sure the .vst3 folder is placed in C:\Program Files\Common Files\VST3\ and rescan your DAW's plugin list.
No sound / audio not passing through	Check that the track volume is up and the plugin is not bypassed. Ensure WET is above 0.00.
Windows security warning on .exe	Click 'More Info' then 'Run Anyway'. Normal for software without a commercial code-signing certificate.
Plugin crashes on load	Make sure you are running a 64-bit DAW on Windows 10 or 11. Ensure your DAW and drivers are fully up to date.
Reverb sounds too loud or too quiet	Adjust the WET knob. For send/return setups, set WET to 1.00 and control the send level in your DAW.

9. Contact & Support

For any issues, questions, or feedback, please reach out through any of the following channels:

- › Website: www.lusionbeatz.com
- › Email: support@lusionbeatz.com
- › Instagram: [@lusionbeatz](https://www.instagram.com/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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