AURA

AMBIENCE REVERB — USER MANUAL

Wild Jag Audio — Plugin Catalog
Version 1.1.2
macOS · AU / VST3 / AAX / Standalone



01 What It Is

Aura is an algorithmic reverb built by recording and analyzing impulse responses from a classic studio reverb unit running its ambience program. The IRs were run through a machine learning algorithm to pull out the sound and feel of the '80s hardware unit.

Every setting across the panel was measured against the impulse responses rather than modeled from a spec sheet, including the places where the real unit didn't behave the way its labels suggested. Some controls were changed from the original hardware to add flexibility.

02 Signal Path

Signal moves through Aura in a fixed order. Low Cut and Pre-Delay shape what reaches the reverb tank; Converter and the Dry/Wet pair shape what leaves it.

INPUT → LOW CUT → PRE-DELAY → REVERB TANK (decay · color) → CONVERTER → DRY / WET → OUTPUT

03 The Panel

TONE · TIMING · MIX

TONE



Low Cut 0–300 Hz · default 10 Hz

A utility high-pass on the signal before it reaches the reverb tank. Turn it up to keep low end out of the tank entirely, so the reverb doesn't turn to mud under dense low-frequency material.



Converter 8 / 16 / 24-bit · default 24-bit

The original hardware's converter is 16-bit, with modern reissues running 24-bit — both included here, plus an 8-bit option added just for the extra character it gives the tail. It's a subtle control: at 24-bit it's a transparent bypass, and 16 and 8-bit each shift the reverb's tail with a slightly different flavor rather than an obvious drop in fidelity.



Color -8 to 0 dB · default 0 dB

A tilt-style tonal control, and the heart of Aura's character. At 0 dB the tail is neutral and even. Turn it down and the reverb darkens and shortens at the same time, moving from an open, airy wash toward a tighter, more contained decay.

TIMING



Pre-Delay 0–200 ms · default 32 ms

The gap between the dry signal and the first reflection. Short values glue the reverb to the source; longer values open up separation, letting a transient speak clearly before the tail arrives behind it.



Decay 0.1–8.0 s · default 1.31 s

How long the tail takes to die away, in something close to literal seconds rather than a compressed dial. Short settings behave like a tight room; long settings stretch out into an ambient wash.

MIX



Dry 0–100% · default 0%

Level of the untouched input. Defaults to silent to run on a send return, blended back in at the channel or bus. Bring it up if you'd rather run Aura directly on an insert instead.



Wet 0–100% · default 100%

Level of the processed signal, independent of Dry.

A **Bypass** switch sits at the top right of the panel — it mutes the effect entirely, passing dry signal only, for quick A/B comparison.

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