



VOLTAVERB

Quick Start Guide

Get up and running in 5 steps.

Version 1.0.0
Volta Plugins Ltd

www.voltaplugins.com

Step 1: Insert the Plugin

Open your DAW and insert Voltaverb on a track:

- **Logic Pro:** Click an Audio FX slot on any channel strip. Find **Voltaverb** under Audio Units.
- **Ableton Live:** Drag Voltaverb from the Plug-ins browser onto a track or return track.
- **FL Studio:** Click an empty effect slot on any mixer track and select Voltaverb.
- **Other DAWs:** Look for Voltaverb in your VST3 plugin list. Rescan if needed.

Tip: For a shared reverb, place Voltaverb on a bus/return track and send multiple tracks to it. Set the mix to 100% wet on the bus.

Step 2: Load Impulse Responses

Voltaverb's XY Pad has **4 slots** — one in each corner. Each slot holds an impulse response (IR).

To load IRs:

- Click any of the 4 slot areas around the XY Pad to open the IR browser.
- Browse the **factory IR library** or click the folder icon to load your own files (WAV, AIFF, FLAC, OGG).
- You can also **drag and drop** audio files directly onto the plugin window.

Voltaverb ships with factory presets that come with IRs already loaded — try these first to hear what the plugin can do.

Step 3: Use the XY Morph System

This is what makes Voltaverb unique. The **XY Pad** blends between your 4 loaded IRs in real-time.

- **Click and drag** inside the pad to morph between IRs.
- Moving toward a corner increases that slot's contribution to the sound.
- The centre of the pad blends all 4 equally.
- **Automate** the X and Y position parameters in your DAW for evolving reverb textures.

You don't need all 4 slots filled — even 2 IRs in opposite corners gives you a powerful morphing reverb.

Step 4: Shape Your Sound

Voltaverb has **7 tabs**: IR Browser, Reverb, EQ, Dynamics, Effects, Modulation, and Spatial. You've already used IR Browser (Steps 2-3); here's what the rest do:

Reverb Tab (start here)

- **Mix** — Dry/wet balance. Start around 30-50% on insert, 100% on a send.
- **Colour** — Blends the loaded IR's tonal character into your dry signal (independent of Mix; leave at 0% for an untouched dry signal).
- **Decay** — Length of the reverb tail. Turn down for tight rooms, up for long halls.
- **Room Size** — Stretches the IR from small booth (50%) to massive hall (300%).
- **Pre-Delay** — Gap before the reverb starts. 20-80ms helps keep vocals clear.
- **Damping** — 3-band control over how quickly lows, mids, and highs decay.
- **Room Bright** — High-frequency compensation that restores air lost when Room Size stretches the IR. (For general added brightness, use the separate **Air** control.)
- **Early Stretch** — Independently stretches just the early reflections.

EQ Tab

4 or 8-band parametric EQ applied to the reverb output. Sculpt the reverb tone without affecting your dry signal.

Dynamics Tab

- **Compressor** — Tame reverb peaks or add sustain.
- **Rhythmic Gate** — Tempo-synced gate that chops the reverb into rhythmic pulses (classic gated-reverb / trance-gate effect).

Effects Tab

The Effects tab holds three creative sound-design modules:

- **Vintage** — Analogue character: Tape (saturation, wow/flutter), Vinyl (crackle, wear, rumble), and Tube warmth.
- **Granular** — Textural grain processing; slices the reverb into grains for evolving, cloud-like textures.
- **Freeze** — Capture and infinitely loop a moment of reverb for drones and pads.

(Shimmer, Motion, Thickness, and Diffusion are part of the **Reverb** tab's Enhancement section, not the Effects tab.)

Modulation Tab

Two LFOs and an envelope follower that modulate reverb parameters for movement, plus a 4-band multiband section for frequency-specific processing.

Spatial Tab

- **Width** — Sets how wide the input's stereo image is read for pan-following (mono-style detection up to full stereo sensitivity).
- **Pan Follow** — Reverb automatically tracks the stereo position of your input.
- **Stage Pad** — Manually position the reverb in the stereo/depth field.

Step 5: Save a Preset

Once you have a sound you like:

1. Click the **preset name** area at the top of the plugin.
2. Select **Save Preset**.
3. Give it a name — your preset is saved and available across all sessions.

Other preset features:

- **Keep FX Lock** — Enable this before browsing presets to keep your current effects while auditioning different IRs and reverb settings.
- **Reset FX** — Returns all effects to default neutral values.
- **Factory Presets** — Browse the included presets for starting points: Mixed Spaces, Factory Hall, Dutch Church, EMT Classic, Ambient Pads, Reverse Swell, and more.

Quick Tips

- **HQ / Eco mode** — Toggle in the top bar. Use Eco mode in large sessions to save CPU.
- **Reverse mode** — Flip the IR for reverse reverb swells. In reverse, the Decay knob shapes how the swell builds — lower for a quick, steep rise to the impact; higher for a slow, gradual swell.
- **Modulation** — Two LFOs and an envelope follower can modulate reverb parameters for movement.
- **Pure mode** — Bypasses all effects for a clean, unprocessed convolution reverb.
- **Drag and drop** — Drop any audio file onto the plugin to load it as an IR.

Need More Help?

- **Full Installation Guide** — Included with your purchase email.
- **Feature Guide** — Detailed breakdown of every parameter and module.
- **Support** — support@voltaplugins.com or visit voltaplugins.com/support.

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