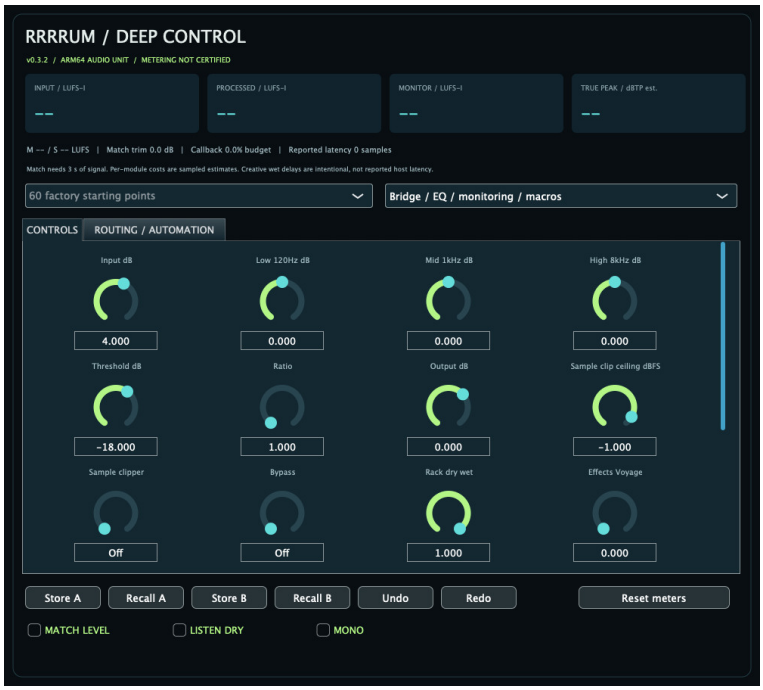
RRRRUM Deep Control

User manual · v0.3.2 (entrega r3)

Multi-effects with 12 modules, 60 presets, routing and internal automation and comparison tools.



Apple Silicon arm64, macOS 13+ and the rest of the world. The vehicle is not equipped with a V-V2.

Scope of this version

A single multi-effect plugin, not twelve independent plugins. The JARVIS/Logic control of the other prototype is not part of the approved AU. Estimated measurement.

Capture the implemented editor; it's not a capture of Logic.

Operating guide

The twelve effects belong to a single instance. Start with a preset, activate only the necessary modules and compare the level before judging the result. Save the project before changing order or automation.

Deep Pressure: compression and color. Abyss Bass: harmonies of the bass. Echo sonar: delay filtered with ducking. Ocean Chamber: algorithmic reverb. Vocal Halo: folded by modulation. Steel Hull: distortion of the system. Current: amplitude and filter motion. Pressure Gate: rhythmic cutting. Periscope: the car. Ghost Signal: texture and freeze. Deville Shift: creative pitch. Surface Lift: high-pitched excitation.

Match Level is a content-dependent listening comparison. It does not certify LUFS or standardise a finished mixture. The internal curves follow the transport and do not write DAW lanes alone.

The Documentation folder includes the original detailed guides of effects and automation. Its historical text on the compilation status is superseded by INFORME.txt, which documents the r3 delivery and approved tests.

Installation and recovery

RRRRUM Deep Control 0.3.2 - AUv2 arm64 - final installer r3 (0.3.2.2)

The component is already permanently installed for your user and passed Apple auval and real native state, audio, automation and Cocoa test. You don't need to reinstall it to test it on Logic. Read INFORME.txt for the evidence. The .pkg r3 also passed in Installer on November 3 at 12:38:06. auval passed the first attempt and the native test finished 0. The previous installation was backed up. Installer removed the .pkg file at user's choice; the plugin remains installed and does not need to be reinstalled.

Install or reinstall for your user

1. Save the project and close Logic Pro. The installer checks that it is closed; stops if it is open or cannot check.

2. Open — RRRRUM Deep Control-0.3.2-r3-arm64.pkg — and choose your user. Only personal domain is enabled. Don't use the sweater.

3. Install it in ~/Library/Audio/Plug-Ins/Components/RRRRUM Deep Control.component. The scripts solve your HOME; they don't contain a fixed user path.

4. If an earlier version exists, it is kept before being replaced in: ~/Library/Audio/Plug-Ins/RRRRUM Backups/Previous-FECHA-HORA-PID.component

5. It performs strict auval and the actual native test. It allows a cumulative wait of up to about 53 seconds only if macOS still doesn't detect the component. A real validation failure stops the installation. Both tests must pass. If it fails, remove/reserve the candidate and restore the previous version.

6. The preinstall, postinstall, auval and native test records are located in ~/Library/Logs/RRRRUM/. Keep the exact error if Installer fails.

7. After you have approved, open Logic: Audio FX > Audio Units > RRRUM > RR RRRUN Deep Control. If necessary, re-explore only this AU in the Module Manager.

FIRMA Component and native proof with ad hoc signature. .pkg without signature, without notarization. There is no Developer ID certificate. Do not disable SIP, Gatekeeper or other protections. If macOS blocks the package, it keeps the message to diagnose it.

Logic proof: insert the AU into mono and stereo tracks. Play audio and change presets. Recording and playing automation (e.g. Sonar Echo: Mix). Save with different parameters, module order and A/B snapshots, close and reopen the project; check its recovery. Try a variety of buffer sizes. The internal curve follows PPQ and does not write automation lanes. LUFS/true peak meters are estimates, without certification.

Uninstalling by keeping copies and closing Logic. Run the — Desinstaller/Uninstall-Mac.command — . Only move this component to ~/Library/Audio/Plug-Ins/RRRRUM Backups/ with the Uninstalled prefix and date/time. It does not modify other plugins or delete backups. You can leave a receipt from Installer; it doesn't load AU code. To restore a copy: close Logic, first save the current one, copy the selected backup to Components with the name RRRRUM Deep Control.component, and run strict auval and native test on that copy before opening Logic.

The old versions should not be assumed to be approved just because they are supported.

Source code contains the project and JUCE 8.0.6, with its licenses. Build-Mac.command compiles arm64 and runs CTest. CLT and CMake 3.22+ are required. Install-Mac.command installs the backup build and requires both tests. tools/package-mac.sh generates the .pkg, including the built-in native executable. Tests omitted by environmental restrictions do not count as approved.

State of the available file

The .pkg r3 was removed after installation according to the report. The approved component 0.3.2 and its documentation shall be retained; it shall not be replaced by an earlier r2 installer.