

GOZE 60

VALVE PRE AMP

Story, hardware reference and user guide



GOZE 60 stereo interface - Earth Studio

The sound that travels with you

At Earth Studio, Christophe Goze uses the Drawmer 1960 as a character preamp for bass, drums, guitars and other sources that benefit from weight without losing definition. GOZE 60 grew from the wish to carry that studio colour while travelling: the density and progressive drive of the captured unit, combined with an optional Earth Studio tonal contour.

EARTH STUDIO

Plug-in version: V0.8 | AU + VST3 + AAX Developer + Standalone

Apple Silicon arm64 | Document: September 2026

1. The hardware reference

Earth Studio Drawmer 1960



What GOZE 60 captures

- The two-channel preamp path and its progressive response from clean gain to audible saturation.
- The solid, valve-like density heard when the Input control is driven, while retaining useful transient definition.
- Independent Input, Output and polarity controls for mono or stereo use.
- The measured analogue noise as an optional ANALOG mode.
- The compressor section is not modelled. The AUX input and its Bass / Treble EQ are reserved for a separate Earth Studio plug-in.

Capture method

The Earth Studio unit was measured in mono at 96 kHz / 24-bit using silence, 1 kHz calibration, stepped levels, frequency sweeps and multitone signals. Captures were made at several hardware gain settings from 5 dB to 55 dB, with the hardware Output adjusted to keep the return usable. The model follows the measured transition from clean operation into compression and saturation.

Scope of the model

GOZE 60 represents one specific Drawmer 1960 owned and used at Earth Studio, through a specific conversion and measurement chain. It is a musical capture of that unit, not a claim that every 1960 has identical component tolerances or gain behaviour.

2. MIC and BOOST

The Earth Studio curve

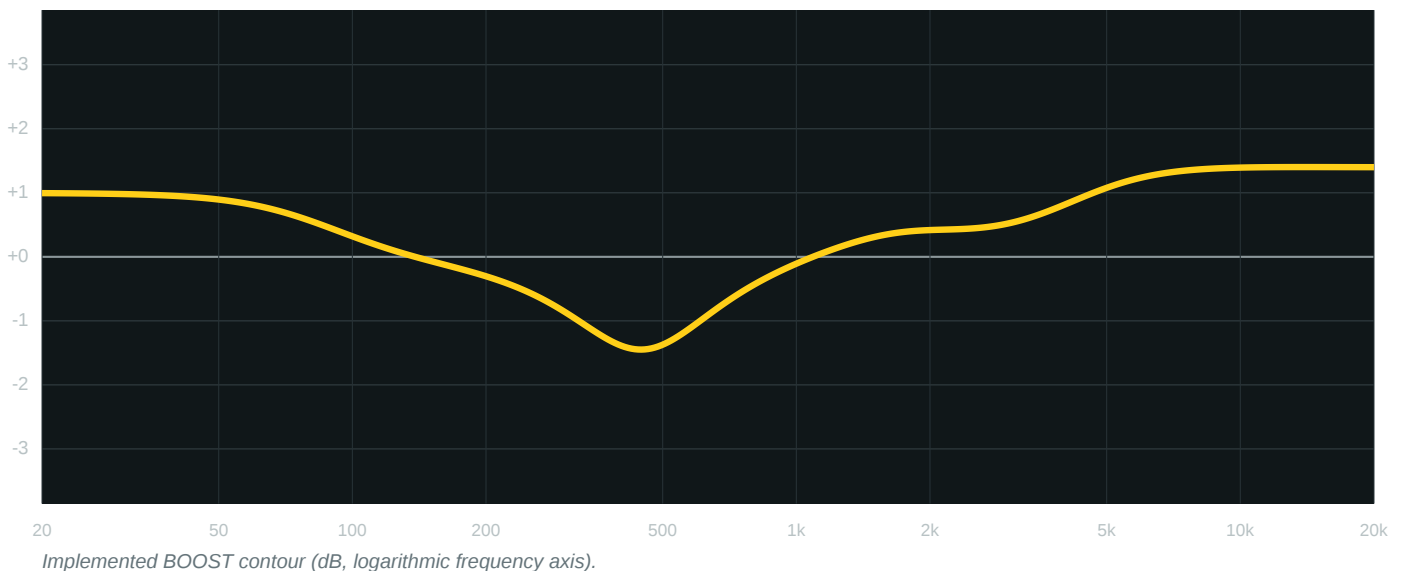
MIC

The measured hardware model with no added tonal EQ. Use MIC when you want the direct Earth Studio 1960 capture and its gain-dependent saturation.

BOOST

The same measured preamp plus Christophe Goze's preferred broad curve: more foundation, less low-mid veil and a clearer upper range.

Earth Studio BOOST curve



Curve components

- +1.0 dB low shelf at 90 Hz for a little more foundation.
- -1.5 dB broad reduction around 450 Hz to clear low-mid congestion.
- +0.45 dB around 1.7 kHz for gentle presence.
- +1.4 dB high shelf from 4 kHz for clarity and definition.

Stereo and level matching

LINK couples Input, Output and MIC / BOOST from Channel 1 to Channel 2; the Phase switches remain independent. Compare MIC, BOOST and bypass at matched loudness by compensating with Output. ANALOG adds the measured low-level noise and may be disabled for silent passages or technical comparison.