

GOZE 60 AUX IN / EQ

Earth Studio preamp model



A measured capture of the Drawmer 1960 AUX input

GOZE 60 AUX IN / EQ is a dedicated software model of the front-panel AUX instrument preamp found on the Drawmer 1960. The source capture was made from the AUX input in LOW mode, with the treble circuit in NORMAL position. The compressor, microphone preamp and BRIGHT position are outside the scope of this plug-in.

MODEL SOURCE	
Hardware	Drawmer 1960 - AUX instrument input
Captured path	AUX LOW / Treble NORMAL
Formats	AU, VST3, AAX developer build, Standalone
Developer	Earth Studio



Drawmer 1960 hardware reference

The AUX signal path

The 1960 AUX section is an instrument-oriented preamp with a dedicated gain stage and tone controls. GOZE 60 models the LOW input range measured at Earth Studio. Gain positions 1 to 5 are intentionally restrained and clean; the upper half of the control progressively reduces headroom and brings out the measured valve saturation.

CONTROLS

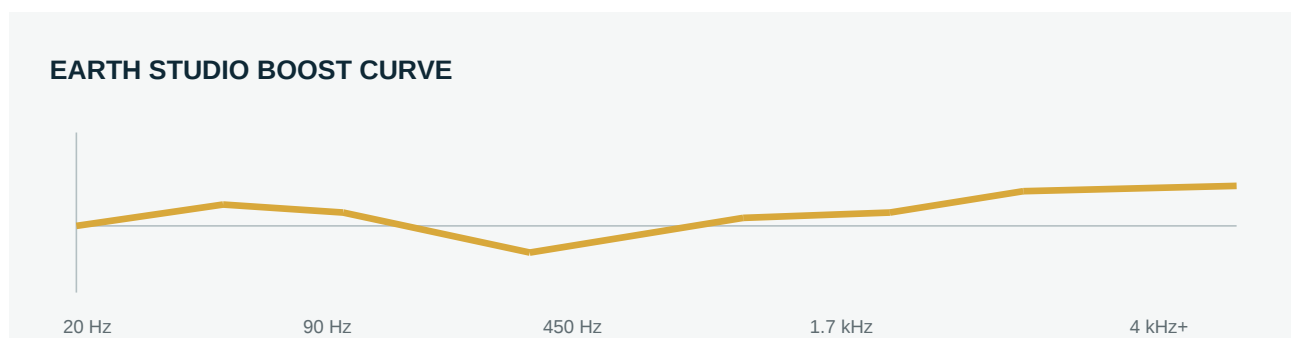
GAIN	AUX input gain, positions 1-10. The clean-to-saturated transition becomes increasingly audible above position 5.
BASS	Measured low-frequency tone control, 0-10. Broad response centred around 500 Hz with a complementary body stage around 750 Hz.
TREBLE	Measured treble control, 0-10. Broad high-shelf behaviour centred around 1.6 kHz. Position 5 is neutral; the upper range adds progressively stronger presence.
EQ	Engages the Bass and Treble stages. When off, the measured preamp and nonlinear path remain active.
BOOST	Global Earth Studio voicing. Applies the same musical curve to both channels.
OUTPUT	Final level trim, independent per channel.
LINK	In stereo, mirrors Gain, Bass, Treble, Output, EQ and BOOST. Phase remains independent.
PHASE	Independent polarity reversal for each channel.
ANALOG	Adds the measured, gain-dependent hardware noise floor.

SUGGESTED STARTING POINT

Set EQ on, Gain around 5, and Output at unity. Raise Gain above 5 for progressively richer valve saturation. Use BOOST when the source needs the Earth Studio low-end weight and open, crystalline top. Match levels with Output before making tonal judgements.

The Earth Studio BOOST mode

BOOST is not a second hardware measurement. It is a musical voicing built from the Earth Studio curve used on the related GOZE 60 preamp model. It is deliberately broad and gentle, designed to add weight, remove a small amount of low-mid congestion and restore an airy, crystalline top without changing the underlying AUX capture.



CURVE CONTRIBUTION

Low shelf	+1.0 dB at 90 Hz - gentle weight and foundation.
Low-mid body	-1.5 dB around 450 Hz - clears congestion while retaining valve fullness.
Presence	+0.45 dB around 1.7 kHz - a small definition lift.
Air shelf	+1.4 dB from approximately 4 kHz upward - cleaner, more crystalline highs.

WORKING WITH BOOST

BOOST is a single global switch. In stereo it affects both channels together, while LINK remains available for matching the channel controls. Use it on bass, drums, guitars, keyboards or a stereo bus when the unprocessed AUX capture feels slightly too dark or too dense. It is intentionally subtle at first; the effect becomes most apparent when level-matched against the bypassed signal.

Earth Studio - The sound that travels with you.