CORROSION

OVERDRIVE — USER MANUAL



01 What It Is

Corrosion is a tanh-based overdrive and distortion plugin. An asymmetric bias stage adds tube-like even-harmonic warmth, and an optional rectifier stage pushes into a more aggressive territory when you want it.

Comp only compresses the Dry signal's own parallel copy, never the driven signal itself, so you can glue the clean blend in without squashing the distortion's own dynamics.

02 Signal Path

Signal moves through Corrosion in a fixed order. Drive, Bias, and Character shape the waveshaper itself; everything after Color happens to the driven signal on its way out.

DRIVE (bias · character) → COLOR → RECT (half/full · blend) → DRY / COMP / WET → OUTPUT

03 The Panel

TONE · RECT · OUTPUT

TONE



Drive 1x–75x · default 1.0x

Gain applied before the waveshaper. At 1x the signal passes through clean. Turning it up pushes harder into distortion.



Bias -1 to +1 · default 0.24

Skews the waveshaper's curve so positive and negative half-cycles clip differently, adding tube-like even-harmonic warmth.



Character 0–100% · default 0%

Blends from a soft clipping curve toward a harder-kneed one.



Color 200 Hz–20 kHz · default 9000 Hz

Low-pass cutoff on the driven signal, paired with a presence/dip EQ tied to the same knob. Lower it to tame harshness, or raise it for a brighter, more present drive.

RECT



Half/Full 0–100% · default 0%

Blends the rectifier stage from half-wave toward full-wave rectification.



Blend 0–100% · default 0%

How much of the rectified signal mixes back in. At 0% the rectifier stage is inaudible.

OUTPUT



Dry -100 to 0 dB · default -100 dB

Dry signal level. Blend it in for more subtle coloration, or leave it at its minimum to embrace the fully overdriven character.



Comp 0–100% · default 0%

Compression applied to the dry path only, never the driven signal.



Wet -100 to +12 dB · default 0 dB

Processed signal level.

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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