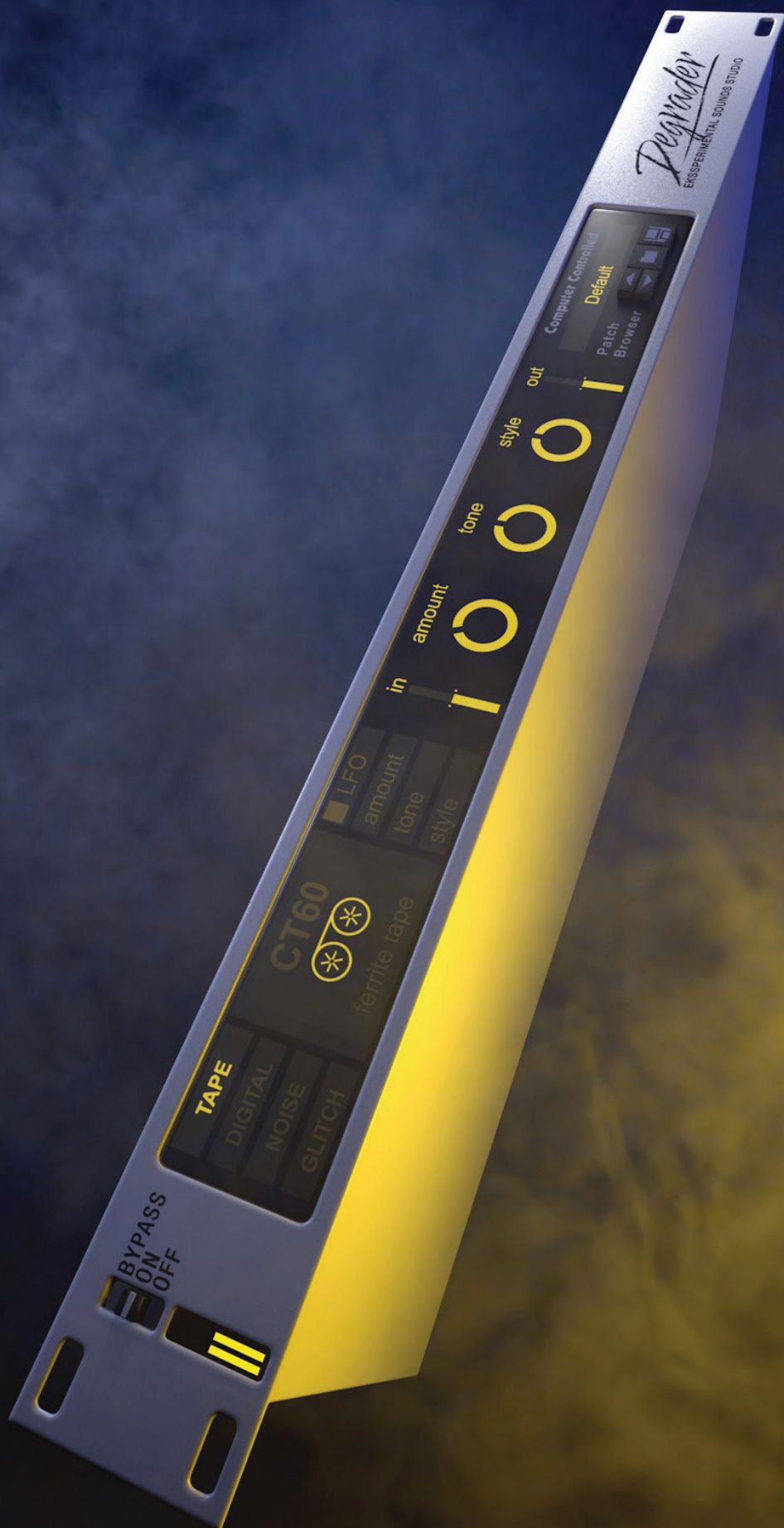




Degrader Lo-Fi Processor gives sounds that are too clean a past: a cassette left on a dashboard all summer, a VHS tape copied once too often, a toy speaker driven past its limit, a record from the bottom of a flea-market crate. It can also tear the signal apart with stutters, reverses and filter glitches that land right on the beat.



Categories & Flavours

Degrader has 16 models in four categories. **Tape** covers cassette, open reel and two VHS formats. **Digital** is for aliasing, quantisation and 8-bit-era grit. **Noise** covers vinyl, mains hum, a Geiger counter and signal-triggered noise bursts. **Glitch** cuts events into the signal: stutters, reverses, filter sweeps and bit-crushing.

AMOUNT

Amount sets how much damage the model does. Turning it up deepens whatever the model is doing.

TONE

Tone is a tilt EQ. Turning it left makes the sound darker and turning it right makes it brighter. The pivot depends on the family. In the Noise models Tone colours the added noise (brown, white or blue) rather than your signal.

STYLE

Style is the kind of damage, and each side of centre is a different texture. In Tape it sets the wow and flutter speed (slow on the left, fast on the right) and the damage type, which is sticky tape on the left and dropouts on the right. In Digital each model has its own two flavours, for example DPCM gives fat and railed on the left and thin and whining on the right. In Noise it picks the sub-flavour, such as clean or worn record, hum or dimmer buzz, showers or pile-up. In Glitch the left side syncs events to the song tempo and the right side makes them chaotic.

LFO

The LFO can move Amount, Tone and Style. It has 7 shapes: **sine**, **triangle**, **ramp up**, **ramp down**, **square**, **sample & hold** and **drift**. Synced, it uses 25 note values from 16/1 to 1/64, including dotted, triplet and odd divisions, and it's locked to the song position while Reason plays. Free, it runs from 0.05 to 60 Hz. Each destination has its own **depth** ($\pm 100\%$, negative turns the shape upside down) and **phase** (0–360°).



CV In & Out

There are three CV inputs, one each for Amount, Tone and Style, and each has a trim knob. CV is added to the knob and to any LFO movement, and the result stays within the knob's range. There is one output, LFO CV Out, which carries the raw LFO at full scale (-1 to $+1$), before the per-destination depth and phase. It reads 0 while the LFO is off and keeps running in Bypass and Off.



Thank you!

Ekssperimental Sounds Studio is a one man project driven by the passion for experimental electronic sounds, new and old synthesizers and music gear. As a Reason user since 2001 it truly is a dream come true to finally be able to create my own synthesizers and effects for the Reason rack. Thanks to all of you who buy my products I can continue to learn and develop more fun and inspiring devices for our beloved rack.

I hope you will enjoy Degrader Lo-Fi Processor!

Cheers,
Erik Söderberg 2026