GENER4TION LOSS
MK II
VHS Duplicator

GENERATION LOSS MKII IS A 2-IN-1 STEREO MAGNETIZER. It was built through analysis and deconstruction of tape machines - and all the wonderful ways they can go wrong - to give you the most accurate real-time tape simulator we could manage (with extremely low latency).

It also contains a Classic mode that is a 1-for-1 recreation of the CooperFX Generation Loss. Now stereo compatible.

(A) KNOBS

WOW
Slow, smooth, random pitch modulation. Your classic tape-style motion, like unpredictable vibrato.

VOLUME
Sets the overall output level. Can boost to roughly 2x.

MODEL / LP
Steps through a library of tape machine models, each with its own unique EQ profile. VCRs, cassette decks, camcorders and more, all built through frequency -analysis of physical hardware.

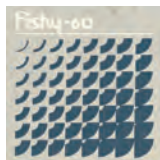CLASSIC - Sets the cutoff frequency of a resonant low-pass filter.

FLUTTER
Rapid, twitchy, random modulation of both amplitude and pitch. Gives the impression of quivering, trembling tape.

CLASSIC - Similar to MKII, but without amplitude modulation. Less nuanced.

SATURATE / GEN
Introduces a form of magnetic saturation that occurs when hot signals are recorded to tape. Known as a magnetic hysteresis loop.

CLASSIC - Sets the sample rate.

FAILURE / HP
Gradually introduces a number of small malfunctions that naturally occur in tape machines and give them that living feel.

CLASSIC - Sets the cutoff frequency of a resonant high-pass filter.

This pedal is still in development and some features may change (but not much).

Explore 10+ tape models, including:

VCR CPR-3300 VHS

CAMCORDER CAM:8

TOY CASSETTE Fishy-60

B CUSTOMIZE

There are a number of dip switches on top of Generation Loss MKII for customizing its behaviour.

MISO - Mono In, Stereo Out. For using the Generation Loss mkII to split a mono signal into a stereo image.

SPREAD - Introduces a unique kind of stereo motion that uses the FAILURE knob to create a malfunctioning stereo image.

DRY TYPE - When engaged, all of the pedal's effects except Wow & Flutter are applied to your dry signal. This makes it possible to create saturated, malfunctioning chorus effects.

DROP BYPASS - Removes the drops (volume manipulation) from the effect of the FAILURE knob.

SNAG BYPASS - Removes the snags (pitch warping) from the effect of the FAILURE knob.

HUM BYPASS - Removes the mechanical noise from the effect of the NOISE toggle.

D DRY

Sets how much of your clean signal is blended in.

NONE - Pure tape machine.

SMALL - Drops in just a touch of clean, so the tape effect is still dominant, but there's more detail and full-frequency content mixed in.

UNITY - An even mix, for chorusing and other sun-soaked modulations.

F NOISE

Introduces noise made up of two elements - hiss and mechanical (hum, or sampled noise from a busted VCR). The level of each element can be set independently.

NONE - Pristine.

MILD - Subtle interference.

HEAVY - Prominent noise.

WOW FLUTTER SAT GEN FAILURE HP MODEL LP BOUNCE RANDOM SWEEP

POLARITY CLASSIC MISO SPREAD DRY TYPE DROP BYP SNAG BYP HUM BYP

WOW
VOLUME (RAMP)
MODEL LP

FLUTTER
SATURATE GEN
FAILURE HP

STOP FILTER FAIL
AUX

NONE SMALL UNITY
DRY

NONE MILD HEAVY
NOISE

GENERATION LOSS MK II

AUX
BYPASS

C AUX

A secondary switch to engage one of three performance effects. You can set how quickly these effects set in after the footswitch is pressed, from instant arrival to crawling transitions.

STOP - Tape-stop effect that slows your wet signal to a rubbery halt.

FILTER - Bypasses the selected tape model, letting your signal pass through unfiltered.

FAIL - Maxes out aspects of the Failure knob, to produce the effect of complete malfunction.

E HIDDEN OPTIONS

Holding down both footswitches turns some knobs into alt controls that fine-tune various aspects of Generation Loss MKII.

WOW = AUX ONSET
Sets how long it takes for the AUX effects to set in.

FLUTTER = HISS LEVEL
Sets the volume of the hiss introduced by the NOISE toggle.

SATURATE = MECHANICAL NOISE LEVEL
Sets the volume and type of mechanical noise introduced by the NOISE toggle.

FAILURE = CRINKLE / POP LEVEL
Sets the volume of the crinkles and pops introduced by the FAILURE knob.

BYPASS / DRY THRU

Generation Loss MKII has a variety of bypass and dry thru options, depending on how you have the pedal configured. In its default state (in either stereo or mono), it is true bypass with analog dry thru.

chase bliss