megafold legio

_travelers guide _for folding spacetime

2	3	6
switches · 3 ways	cv inputs	hp

[envelop] press [envelop] hold › then noon = 12 o'clock tags = the panel drawing

wavefolder · cv gain and shape · input envelope follower · stereo wavefold chorus

← back to the legio starsystem

= hold

01 what it is

me_01

folder	gain into a wavefolder, with a shape control
envelope	keeps the input's dynamics on the output
chorus	stereo copies of the folder on offset lfos
in L R	audio in · L feeds R if alone
out L R	stereo out, up to 16 V peak to peak
platform	a legio firmware · other firmwares

02 envelop

me_02 · enc

[enc] turn	how much the input's envelope is applied
enc jack	envelop jack · –2 to +5 V

10 first flight

me_10 · the manual's tutorial

1. everything at minimum
2. a sine into in
3. raise 1 then 2
4. add s1 chorus, vary s2
5. a drum loop + enc for dynamics

03 gain · shape

me_03 · knobs 1 + 2

1 [gain]	signal into the folder
2 [shape]	fold shape

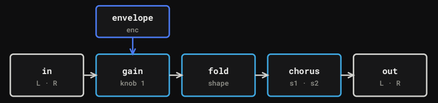
04 chorus · speed

me_04 · s1 · s2 · top → bottom

s1 chorus	wavefold chorus · lots · some · none
s2 speed	chorus lfo · fast · mid · slow

__fig.01 : signal path

in → out



as the manual describes it

05 jacks

me_05 · trig · cv · audio

trig fsu	distortion to max while high · near +1.6 V
in L R	audio in · L feeds R
out L R	up to 16 V peak to peak
cv	envelop –2 to +5 V · gain + shape 0 – 5 V

__fig.02 : transfer

clean → heavy



08 patch ideas

me_08 · the manual

classic fold — chorus low
sine in · gain and shape up

wide — chorus up
vary speed for stereo movement

keep the groove — any
dynamic sources + envelop

__fig.03 : the panel

numbers match the legend



- enc **envelop** · how much the input's envelope i…
- 1 **gain** · signal into the folder
- 2 **shape** · fold shape
- s1 **chorus** · lots · some · none
- s2 **speed** · fast · mid · slow
- trig **fsu** · distortion to max while high
- cv **envelop** · **1** · **2** · envelop –2…+5 V · ot…
- in **in L / R** · L feeds R if alone
- out **out L / R** · stereo out

09 specs

me_09

size	6 hp · 1.5 in deep
power	140 mA +12 V · 22 mA –12 V
cv in	0 – 5 V · envelop –2 to +5 V
trig	rising edge near +1.6 V
boot LEDs	red / blue

design homage to the house of x / powers of x data pages — designed by tom muller with jonathan hickman · panel drawing after the noise engineering legio overlay template
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