melotus versio

_travelers guide _for freezing time

24	8 s	7
grains at most	longest delay	knobs · 2 switches · flow

[flow] press [flow] hold › then noon = 12 o'clock numbers = the numbered panel

stereo granular texturizer + grain delay · freeze, hold or clock · a free firmware for any versio

← back to the versio starsystem

orange = hold

01 what it is

mv_01

a texturizer	stereo granular texturizer and grain delay · freeze by hand, trigger or gate, or clock it
in 1 in 2	stereo in · in 1 alone feeds both sides
out 1 out 2	stereo out
every knob	an offset added to its cv jack, 0 – 5 V
swap in	free on any versio · how to swap · video

02 blend · regen

mv_02 · knobs 1 + 5

1 [blend]	dry left · both at noon · only the grains right
5 [regen]	feedback · low dies fast, higher builds longer textures
past 3:00	the feedback ducks when new sound comes in
too much	the manual warns it can scream · balance it

03 delay · length

mv_03 · knobs 6 + 4 · fig.06

6 [delay]	time from recording a grain to playing it · 0.1 – 8 s
clocked	delay divides or multiplies the clock · fig.06
4 [length]	grain length · 0.2 – 2 s
frozen	length sets the size of the looping grain

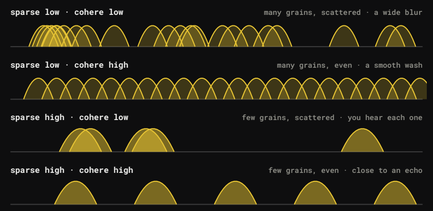
10 first flight

mv_10 · the manual's first patch

1. sound into in 1 (and in 2 for stereo) · out 1 out 2 to your mixer
2. 1 [blend] 3 [tone] 4 [length] 6 [delay] at noon
3. 5 [regen] min · 2 [sparse] + 7 [cohere] max
4. abc fwd · xyz hld
5. press [flow] to freeze, press again to let go
6. then move sparse and cohere, and tone for colour

_fig.01 : grains

sparse × cohere



04 sparse · cohere

mv_04 · knobs 2 + 7 · fig.01

2 [sparse]	grain count · 24 grains at minimum, 1 at maximum
sparse low	many grains, a chorus-like smear
sparse high	few grains you can hear, more volume movement
7 [cohere]	less randomness in when grains fire as you turn it up
cohere low	wide and blurred · high is tighter and defined

_fig.02 : tone

dark below noon · shimmer above

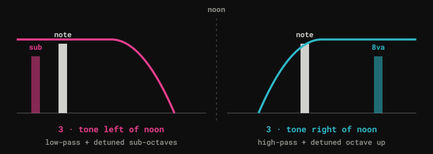


_fig.05 : signal path

as the manual describes it



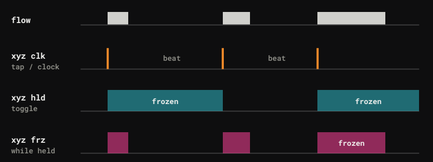
05 tone

mv_05 · knob 3 · fig.02

3 [tone]	two filters split at noon
left of noon	low-pass plus detuned sub-octaves · dark, lo-fi
right of noon	high-pass plus a slightly detuned octave up · shimmer

_fig.04 : flow by mode

the same presses, three results



06 switches

mv_06 · abc · xyz · fig.04

abc left	[rev] grains play backward
abc mid	[???] chaos · direction at random
abc right	[fwd] grains play forward
xyz left	[clk] flow is tap tempo, the jack a clock
xyz mid	[hld] each press or trigger toggles freeze
xyz right	[frz] frozen while held or the gate is high

08 six patches

mv_08 · manual + ne deep dive · abc · xyz

texturizer — fwd · hld
blend, tone, length, delay at noon · regen min · sparse, cohere max · melodic sequence in · tap flow to freeze

grain delay — fwd · clk
same knobs · percussive sequence in · clock into flow or tap it · delay sets the division

tape drum crunch — any
blend, delay, cohere max · tone, regen about 10:00 · length, sparse min

frozen pluck — · hld
freeze one note of a sequence · blend max · slow cv on cohere and delay

harmonies — · hld / frz
freeze on chosen notes of a sequence so they stack under what follows

granular chorus — fwd
sparse low, low regen · a big, slow chorus

07 flow · clock · freeze

mv_07 · fsu = flow

[flow] in clk	tap tempo
[flow] few s	in clk, clears the tapped clock
fsu jack	clock, trigger or gate · above 2 V
memory	the clock is kept when you change modes
boot	yellow · yellow · yellow · orange = melotus is loaded

_fig.06 : clocked delay

nine steps of the clock · in clk

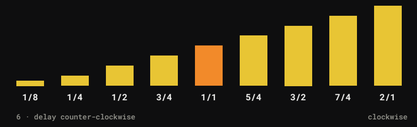


_fig.03 : the panel

numbers match the legend



1. blend · dry ↔ grains
2. sparse · 24 grains → 1
3. tone · lp + sub ← · → hp + 8va
4. length · 0.2 – 2 s
5. regen · feedback · ducks past 3:00
6. delay · 0.1 – 8 s · or clock ratio
7. cohere · random → regular
- abc direction · rev · ??? · fwd
- xyz flow mode · clk · hld · frz
- fsu flow · tap · freeze · jack
- in in 1 / 2 · in 1 feeds both if alone
- out out 1 / 2 · stereo out

09 specs

mv_09

cv in	0 – 5 V
flow gate	above 2 V
audio in	clips near 16 V peak to peak
size	10 hp · 1.5 in deep
power	70 mA +12 V · 70 mA –12 V · no 5 V