vny404 versio

_travelers guide
_for vintage spacecraft

4	20:1	7
stages	top ratio	knobs · 2 switches · bypass

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

lo-fi vinyl + cassette sim after the sp-404 · wow + flutter · compressor with ducking · a firmware for any versio by acidclank

← back to the versio starsystem

01 what it is

vv_01

a lo-fi box	vinyl and cassette sim after the sp-404's vinyl sim and compressor
the chain	dust → tone → wow + flutter → compressor
in 1 in 2	stereo in
out 1 out 2	stereo out
every knob	has its own cv jack, under the same name
get it	acidclank on gumroad · how to swap · video
support	ask acidclank, not noise engineering

03 tone

vv_03 · knob 1 · fig.01

1 [tone]	fully left is the full range, untouched
turning up	the lows and highs roll off and a resonant bump grows · smaller, older, more muffled

02 dust

vv_02 · knob 2 · fig.02

2 [dust]	surface noise · silent at noon
left of noon	crackle and pops, like vinyl
right of noon	steady hiss, like tape

_fig.01 : tone

each step sounds older



_fig.02 : dust

vinyl one way, tape the other

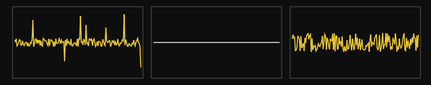
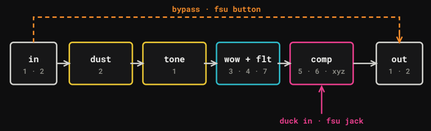


_fig.05 : signal path

as the manual draws it



10 first flight

vv_10 · age it a step at a time

1. sound into in 1 in 2 · out 1 out 2 to your mixer
2. 1 [tone] fully left · 2 [dust] at noon · 3 [flutter] + 4 [wow] fully left
3. 5 [comp] low · xyz 1:1
4. raise tone until it sounds small, then add dust either way
5. bring in wow, then flutter · set its speed and shape
6. push comp and the ratio · a kick into fsu to duck · [bypass] to compare

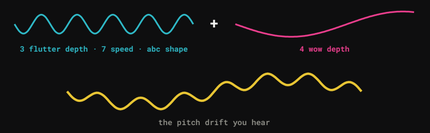
04 wow · flutter

vv_04 · knobs 3 · 4 · 7 · abc · fig.04

3 [flutter]	depth of the fast wobble · the motor
7 [fltr speed]	how fast the flutter runs
abc	fltr · picks one of three flutter shapes, drawn on the panel
4 [wow]	depth of the slow wobble · the platter
together	the two add up to the drifting pitch of an old deck

_fig.04 : wow + flutter

fast motor · slow platter



05 compressor

vv_05 · knobs 5 + 6 · xyz · fig.06

5 [comp]	drive · more squash, louder and denser
6 [release]	how quickly the compressor lets go
xyz left	[1:1] ratio
xyz mid	[12:1] ratio
xyz right	[20:1] ratio

_fig.06 : comp drive

from dynamic to dense



06 duck · bypass

vv_06 · fsu

fsu jack	duck in · a trigger here ducks the sound, sidechain style
[bypass]	the fsu button · in straight to out

_fig.03 : the panel

numbers match the legend



1	tone · full → narrow + peaky
2	dust · crackle ← · → hiss
3	flutter · fast wobble depth
4	wow · slow wobble depth
5	comp · drive
6	release · comp release
7	fltr speed · flutter rate
abc	fltr · three flutter shapes
xyz	comp · 1:1 · 12:1 · 20:1
fsu	bypass · button · jack = duck in
in	in 1 / 2 · stereo in
out	out 1 / 2 · stereo out

09 specs

vv_09 · the versio hardware

cv in	0 – 5 V
audio in	clips near 16 V peak to peak
size	10 hp · 1.5 in deep
panel	acidclank shares print data for a personal faceplate