

J1407b

for modular synthesizer

2023 - present
raphaël languillat

α

J1407b

Check List

PNW — Start!

SIG+ — Start!

Veils 2

Waver

DNM 4x L ⊙ & 4x R ⊙

Xer Dualis 1-3 ⊙ & Unmuted

BIA — Preset 1

VR — ⊙ ⊙ ⊙

NP1 — X+Y B ⊙ + Cutoff ⊙

NP2 — X+Y B ⊙ + Cutoff ⊙

Mix-4 — ⊙ ⊙ ⊙ ⊙

ENOSC (Crush / Down / Seg)

— Check ⊙

Mutes 3 OFF

LI (VO / A)

CHECK RES POINT (vibration)

A = ⊙ B = ⊙ Damp ⊙

Zadar C > Osc A

Belgrad (2 + SM)

Lvl ⊙ / Res ⊙ / Freq ⊙ /

Span ⊙ / Bal ⊙

Mimeophon Skew ON

Mix ⊙

Morphagene — Violet ⊙

Bagarre — Leveling ⊙

VC F3DB All Clip OFF +

Sum >/ & FDBK ⊙

Push-3 CHECK 1+2 ON

Mix-4 — ⊙ ⊙ ⊙ ⊙

Disting CHECK + Play ⊙

1U VCO ⊙ (VCO Saw / 8')

Typhoon Wet ⊙ / Rev ⊙

Zadar — Preset 03

Batumi — Sliders 1-4

MiniAtt — I OFF (upper)

II ON (under)

1U St Mix — 1 ⊙ 2 ⊙

CV Knob CHECK

Ob

J1407b

Presets

LI — A - VO
Preset 1

Belgrad — LB

LI — A - VO
Preset 2

DNM
Preset 1
Singing harmonics

Preset 2
Pure Tone

Preset 3
Texture

BIA
Preset 1

Skin / Alto

Preset 2
Liquid / Bass

Preset 3
Metal / Bass

NP - A1 / C7

ENOSC
Free 2 - Crush -
Down - Segment

Beads
Preset 1

Preset 2

Fold 6
Preset 3

1

J1407b

Patch Notes

PNW (BPM 60)

1 - /25 — Env / Lvl 100 / Width 15 / Rskip 20

> Rampage Trig B

2 - /13 — Env / Lvl 100 / Width 20

> RND STEP Trig 1

3 - /9 — Env / Lvl 100 / Width 15 / RSkip 05

> RND STEP Trig 2

4 - X

5 - /40 — Tri / Lvl 05 / Width 50 / Rskip 15

> ENOSC Spread

6 - /32 — Tri / Lvl 05 / Width 50 / Rskip 20

> ENOSC Twist

7 - /64 — Tri / Lvl 20 / Width 50 / Rskip 10

> LI Modulate

8 - /27 — Tri / Lvl 10 / Width 50 / Rskip 20

> ENOSC Warp

DNM

Out > Res Eq In 1

Comb 1 > Waver C In

2

J1407b

Patch Notes

Noise Plethora

1 · [A1] HP > ○○Ⓞ○○ > Veils 1.1 In

Bat 1 Sine > XA

Bat 2 Tri > YA

RND STEP 1 +/- > Slew > CV

2 · [C7] LP > ○○Ⓞ○○ > BIA Trig

3 · Gritty ○ > Veils 1.2 In

· Filtered 2 > Fold 6

VC F3DK

Nearness L/R > In I/II

88 Env > 1k CV

250 Env > Belgrad Span

Sum Out >/ (FB In / Belgrad FM In)

Outs Odd / Even > Typhoon (Spectral Madness)

Loquelic Iteritas A - vo

Zadar C > Osc A

PNW 7 > Mod

Veils 1.4 >/ Fold

Out > Belgrad In

3

J1407b

Patch Notes

Out [mult] > Waver A In



Belgrad II - SM

· Batumi 3 Tri > Res

VCF3DB Sum Out > FM

Out > Mimeophon



Mimeophon skew ON

Apathy X > Color ⊖

DVCA 2 Out (Rumble) > μ

Out L/R > 4x Mix 3

Res Eq

DNM Out > In 1

VCO Pitch > In 2

Comb 1 > Waver C In

Comb 2 > Veils 2.4 In

Veils 1

1 · NP1 > In

Out > Mix-4

4

J1407b

Patch Notes

2 · NP Gritty > In

Out > Mix-4

Mix-4

1 · Aikido O1 > I1

2 · NP Gritty > I2

3 · Fold 6 Alt > I3

Out > Ashiko I2 > Beads

Xer Dualis

1 · Waver > Ashiko

2 · Beads

3 · ENOSC

Out L/R > FX AID L/R

↓

FX AID 28 - Reverb Black Hole (xxxo | xxxo)

Out L/R > 4x Mix 1

ENOSC

PNW 5 > Spread

PNW 6 > Twist

PNW 8 > Warp

5

J1407b

Patch Notes

C1U >

Out A > Xer Dualis 4L

Out B > Xer Dualis 4R

Morphagene

Push-3 latch > Play

Preset 1 Backward ⊖

CV Out >/

Mute 20 > DV Speed

Gliss IO out 1 > Varispeed

Out L/R > Bagarre 1 L/R

⋮
↓

Bagarre

Out L/R > LRMSMSLR

⋮
↓

LRMSMSLR

M Out > Sarajewo In

Sarajewo Mixed Out > Mid In

LR out > DV In

⋮
↓

Sarajewo

6

J1407b

Patch Notes

PNW 4 > Sync

Gliss O2 (Bela IO) >/ Time

Mixed Out > LR In



Desmodus Versio

Out L/R > 4x Mix 4

BIA

NP 2 > Trig In

Zadar 4 Out > Pitch In

Out > VR Filter In



VR  (oxx | oxx)

Filter Out > Mangle In

Mangle Out > Waver B In

SIG+

uO_c

Dual VCO Exp

uO_c Out 1+2 > CV 1+2 In

Tri Out > Veils 2.1 + 2.2 In

7

J1407b

Patch Notes

Sine

Krach Pink /> Fold ☉

Zadar Out C > V/Oct

Sine Out > Veils 2.3 In

Push-3

Out 1 latch > Bead Seed

Out 2 latch > Morphagene Play



Beads

Ashiko 2 L/R > In L/R

Out L/R > Xer Dualis 2

RND STEP

1 · PNW 2 > Trig 1

· + > Mimeo Zone Orange ☉

· +/- > Slew

· Slew > NP CV1 ☉

2 · PNW 3 > Trig 2

· +/- > Mimeo Rate ☉ Att ☉

8

J1407b

Patch Notes

Veils 2

1 / 2 / 3 > Nearness

4 · Res Eq 2 > In / Out > Ashiko I3

Dual XFade (Big ⊙ Small ⊙)

Krach Pink > A2

Bat 4 Tri > CV2

O2 > Mutes 3I

Mutes

3 · dual Xfade Out 2 > 3I

· 30 > ENOSC Root

4 · Bat 3 Tri > 4I

· 40 > Belgrad Res

Fold 6 ⊙ ⊙ ⊙

NP Mult Filtered (Gritty Qty ⊙ / Res ⊙ / CutOff ⊙ > In

Rampage Out B > Fold (Long (3) A-D - Cycle - Tri)

Alt Out > Mix-4 3

9

J1407b

Patch Notes

Disting MKIV

Out A/B > 1U Stereo Mix

Stereo Mix out > Out In

Out out (or 1/4 out) >

Mackie Mixer L/R 2

1

J1407b

Patch Notes — 9U ↔ 4U

1U VCO

SIG D CV > Pitch

Out > Res Eq In 2

Comb 2 > Veils 2.4 In

C-1U

Out > ENOSC Balance

Typhoon

Spectral Madness (xxxo)

Nearness LR > In LR

Gliss O2 > Typhoon v/Oct

Out LR > 4x Mix LR 2

Waver

LI > A-I

BIA > B-I + ! activated

Res EQ Comb 1 > C-I

Zadar B > Shape CV

Torpor X mult > Break CV

Out Shape > Ashiko I1

Krach

Pink > Dual XFade A2

Rampage

B - Rise Min / Fall Max

Long / Triangle / Cycle with Trig

Out B > Fold 6 Fold

PNW 1 > Rampage Trig B

Zadar

• Out A [G7] > Veils 1 cv 1

A1 Assign < Mult SD 1

• Out B [E3] > Shaper Break

B1 Assign < Apathie Z

B2 Assign < Torpor Z

• Out C [A0] > LI Osc A

• Out D [A0] > BIA Pitch

Sloths

Apathy X > Mimeo Color

> DVCA 1

2

J1407b

Patch Notes — 9U ⇌ 4U

Inertia X > SincD > Mult

Torpor X > Batumi 2 Freq

[mult] > Waver Break CV

Apathy Y > SD2 ☉

Torpor Y > Batumi 1 Freq

Apathy Z > Zadar Assign B1

Torpor Z > Zadar Assign B2

Minus (-) > Batumi 3 Freq

Mult 1 > Zadar Assign A1

Mult 2 > Sloths ☉ Apathy CV

Mult 3 > Rampage Fall CV 2

Sinc Defero

1 ☉ Inertia X > Mult 4U

2 ☉ Apathy Y > Bat 4 Freq

3 ☉ Mult SC 2 >/ LI Osc B

Batumi

1 · Sine > NP 1 XA

· Tri > Ashiko V1

· Sq >/

2 · Sine > Ashiko V3

· Tri > NP 1 YA

· Sq >/

3 · Tri > Mute 4

> Belgrad Res

· Sq >/

4 · Sine > Mini Att >

Ashiko V2

· Tri > dual Xfade cv2

· Sq >/

Ashiko

1 · Bat Tri 1 > MiniAtt 1

· Minatt 1 ☉ > V1

· Waver Shape > I1

· O1 L/R > Xer Dualis 1

3

J1407b

Patch Notes — 9U \Leftrightarrow 4U

- 2 · Bat sine 4 > MiniAtt 2
 - Minatt 2 \odot > V2
 - Mix-4 Out > I2
 - O2 L/R > Beads In L/R
- 3 · Bat sine 2 > V3
 - Veils 2.4 > I3
 - O3 L/R > Nearness

DVCA

Apathy X > 1 In
1 Out > LI Osc A

Gliss (Bela IO)

Out 1 -5/+10V
>/ Morphagene Varispeed
Out 2 -5/+5V
>/ Typhoon v/Oct

1

J1407b

Score

Morph 1 — low Saturn [1-blue] / long

🖐 Violet ⊙ → Morph ⊙ Slide ⊙ 



🔌 CV Out → Gene Size ⊙

🔌 Gliss O1 → Varispeed


• Bagarre → Hard ⊙

ZONE α — Waver

[• Morph Morph ⊙ Slide ⊙

[↓ BIA *pppp*  (on )

• BIA Attack ⊙ ⇒ ⊙

• LI  x1/2 (Fold ⊙)

+ Zadar 3 ON

• BIA Harm < > ⊙

+ S1

• BIA  LI [In & Out]

• BIA ⇒ Spread ⊙ / Harm ⊙

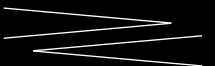
+ Zadar 4 ON

+ Mix-4/1 → Beads Mix ⊙

Transition ()

• BIA ⇒ Pitch ⊙

🌀 Res EQ 5.2 + 11K = ⊙ / 1.5 + 2.8K = ⊙

• BIA + LI  DNM

2

ZONE β — DNM / Res EQ

👉 Preset 1 - Singing Harmonics

• Mix-4/1

👉 Preset 2 - Pure Tones

+ S2

👉 Preset 3 - Texture

🔄 Bat 1 ON

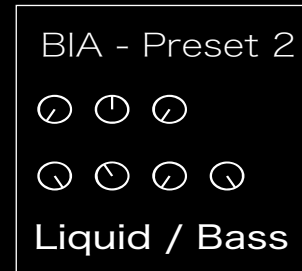
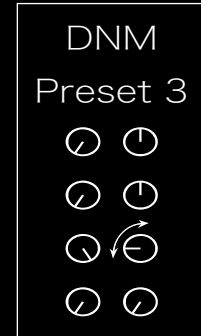
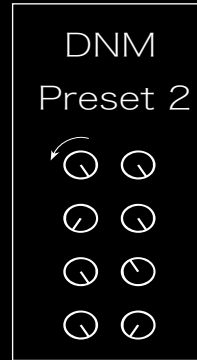
👉 BIA Preset 2

👉 VR → ○○○

👉 NP2 → X+Y B ○

[• End S2 [cut]

[↓ DNM → DelayB ○



Morph 2 — rocks [4-aqua] / medium

👉 Rose ○ → Morph ○ / Bagarre ○ Buzz

🔌 Morph CV Out → Varispeed [Att ○ → ○]

• DNM

[• BIA <

[↓ MiniAtt I ON

👉 Impro Morph Varispeed & Slide

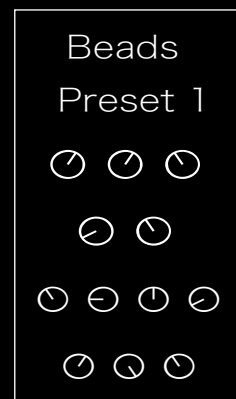
👉 Impro BIA Attack ○ ↔ ○ ⇒ ○

• DV ⇒ Blend ○ / Speed ○ / Tone ○

• BIA last gesture < >

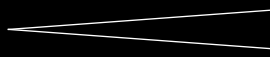
🔄 Res Eq → In 1 ○ In 2 ○ ▲ Feedback High

+ S3




3

ZONE γ — SIG+ / VC F3DB Register



+ Veils 2  D / C / (B) / (A)

+ Mix-4/2 → \odot Beads

 Impro Typhoon Feedback **<fff>** & Beads

 Sum → FBIN = **p** Mid-High

 Batumi Sq x4

  Gliss → Typhoon v/Oct

• Beads ⇒ Density \odot

+ S4

[• Mix-4/2 (Beads) 

• Typhoon ⇒ \odot Wet (no more Gliss)

• solo Band 7k then CUT

 Batumi ALL Sq *RALENTENDO*

ZONE δ — ENOSC Root = \ominus / Pitch = \odot

+ ENOSC Spread ⇒ \odot / Cross ⇒ \odot

Twist ⇒ \odot / Warp ⇒ \odot

• ENOSC  **fff**

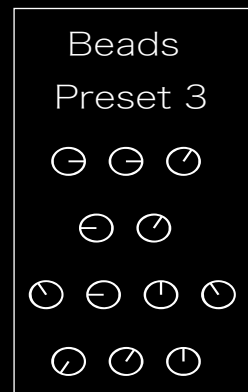
 Beads - Preset 3

• ENOSC Balance \odot ⇒ \odot


 Bat Ch 4 ⇒ slow

• LI Preset 2 → Fold \odot

\circ Mute 3 ON → Root (wait for Dual XFade RED Big \odot Small \odot → \odot)



4

Transition (Drop )


[**+ S5**]

[↓ Belgrad → Lvl ]

[↓ switch Cross FM → UP +  HN 4x Mix (LI)

• Dual XFade Small → 

+  Mix-4/3 →  (Fold 6 / Beads)

+  C-1U Play → ENOSC Balance

• ENOSC Cross FM  ⇒ 

 Short gestures Spread  ⇌ 

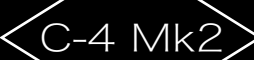
• ENOSC → Warp  Balance 

Zone ε — LI / Mimeophon

• Mimeo Zone [Orange]


-  Pull out ALL Batumi Sq

• VC F3DB Sum → FM 5

+  C-4 Mk2 Play x3 → LI + Mimeo

-  DVCA 1  > Osc A

• Mimeo Zone [Yellow]





-  SD 3 > Osc B

 Impro LI + Mimeo

Morph 3 — radio waves [4-yellow] / medium-long

 Violet  → Gene  Morph  VC-Out > Vari  Slide 

 Bagarre  Drive +

• LI (stable) ⇒ SS /    


5

Zone ζ — Sub / Waver

⚠   Sub v/Oct

⚠   Waver Break  & Shape 

👉 Sub Fold  / Blend  / Freq ~ 

 Sub out → Waver In C

 MiniAtt I OFF

• LI 

+ Waver C (Sub)  70% MAX ()


• Morph 

• FX AID Reverb → Mix  / Size 

• Waver C (Sub) 70%  100% ()

[• Waver Break  ⇒  [Crackling Noise Gesture (CNG)]

[• Waver Mix 0% ⇒ Fold 50%

//  Waver Fold [Wait for the End of a gesture]

[x Xer Dualis 1 Mute

[< VOL Master

then 4xMix 1 → 

Annex

Score

NOTATION

 crescendo

 decrescendo

[· indicates a turning point, where two gestures are to be

[↓ executed simultaneously

· indicates a change of value(s) and/or an action to be executed

+ indicates an action to be executed

→ indicates a fast change of value(s)

⇒ indicates a medium to slow change of value(s) depending of the context

↔ indicates a fast change between two value(s)


⇔ indicates a slow change between two value(s)

 indicates a change of preset and/or an improvisation

 indicates to listen and identify a sonic event

 indicates to be *very careful* for the indicated action

 indicates cable(s) to be patched

 indicates cable(s) to be unpatched

 indicates to check the indicated knob(s) or fader(s) values

+ S1 launch Sample 1 on Disting MkIV