

PAD BANK A press PAD BANK A

A1313Yantra

A1414Third Eye

A1515Spirit Mirror (video)

A1616Video Melt (video)

A99Bioluminescence

A1010Julia Bloom

A1111Spiral Vortex

A1212Sound Halo

A55Crystal Caverns

A66Star Gate

A77Apollonian Lace

A88Wormhole

A11Astral Mandala

A22Fractal Temple

A33Liquid Spirit

A44Flower of Life

PAD BANK B press PAD BANK B

B13Snap 5
SHIFT + hit = save

B14Snap 6
SHIFT + hit = save

B15Snap 7
SHIFT + hit = save

B16Snap 8
SHIFT + hit = save

B9Snap 1
SHIFT + hit = save

B10Snap 2
SHIFT + hit = save

B11Snap 3
SHIFT + hit = save

B12Snap 4
SHIFT + hit = save

B5◀ Prev

B6Next ▶

B7Tap beat

B8Flash

B117Video Fractal (video)

B2Random preset

B3Randomize FX

B4Reset knobs

TRANSPORT

◀◀ Prev

Next ▶▶

■ STOP
BLACKOUT

▶ PLAY
Autopilot

• REC
Randomize FX

CONTROL BANK A default bank

KNOBS

K1Knob A
preset's own control

K2Knob B
preset's own control

K3Knob C
preset's own control

K4Knob D
preset's own control

K5Speed
time rate

K6Zoom
scale the scene

K7Palette
10 colour sets

K8Hue
master colour shift

FADERS

F1Trails
feedback amount

F2Trail zoom
tunnel in / out

F3Trail spin
swirl left / right

F4Trail hue
rainbow drift

F5Glow
bloom haze

F6Kaleido
off → 12 mirrors

F7Camera mix
blend live video

F8MASTER
brightness

SWITCHES

S1Autopilot

S2Freeze

S3Camera on/off

S4Strobe
flash on beats

S5Invert
negative image

S6Overlay

S7BLACKOUT

S8SHIFT

CONTROL BANK B press CONTROL BANK until B is lit

KNOBS

K1Warp
liquid distortion

K2Chroma
RGB split

K3Saturation
grey → vivid

K4Contrast

K5Audio react
how hard sound hits

K6Strobe
flash on beats

K7Zoom
scale the scene

K8Speed
time rate

FADERS

F1Knob A
preset's own control

F2Knob B
preset's own control

F3Knob C
preset's own control

F4Knob D
preset's own control

F5360 view
flat · look · planet · hole

F6360 spin
pan the room ◀ ▶

F7Autopilot
intensity: calm → wild

F8Audio react
how hard sound hits

PAD BANK C press PAD BANK C

C1330Chrome Lattice

C14

C15

C16

C926Nautilus

C1027Alien Jungle

C1128Fractal Cathedral

C1229Mandelbulb Bloom

C522Mandala Mandelbox

C623Prism Shards

C724Cicada Wing

C825Mycelium

C118Hyperbolic Mandala

C219Kaleido Bloom

C320Crystal Kaleidoscope

C421Kaleido Tunnel

GOONVIZ presets & knobs A–D

Knobs K1–K4 (and bank B faders F1–F4) change meaning per preset.

#	PRESET	A (K1)	B (K2)	C (K3)	D (K4)
1	Astral Mandala	petals	layers	filigree	color drift
2	Fractal Temple	symmetry	spread	fold angle	color
3	Liquid Spirit	turbulence	filaments	filament count	color
4	Flower of Life	scale	second layer	line width	color
5	Crystal Caverns	cave scale	wall thickness	quality (Pi: keep low)	color
6	Star Gate	star density	gate rings	ring spacing	color
7	Apollonian Lace	inversion	drift	lace brightness	color
8	Wormhole	twist	segments	ornament	color
9	Bioluminescence	cell size	wobble	nuclei	color
10	Julia Bloom	seed angle	morph speed	detail	color
11	Spiral Vortex	arms	tightness	lattice	color
12	Sound Halo	filaments	radius	spikes	color
13	Yantra	triangles	lotus petals	line glow	color
14	Third Eye	iris fibres	lid rays	eye size	color
15	Spirit Mirror (video)	edge gain	aura	body fill	color
16	Video Melt (video)	melt	flow speed	contours	color
17	Video Fractal (video)	folds	spread	tint	color
18	Hyperbolic Mandala	polygon sides	meeting at each corner	flow	color
19	Kaleido Bloom	petals	layers	inner detail	color
20	Crystal Kaleidoscope	cell size	turbulence	camera (0 = none)	color
21	Kaleido Tunnel	segments	rings per depth	ornament	color
22	Mandala Mandelbox	fold scale	symmetry	detail	color
23	Prism Shards	shard size	refraction	seed light	color
24	Cicada Wing	wing spread	vein density	iridescence	color
25	Mycelium	network scale	thread sharpness	pulse speed	color
26	Nautilus	spiral growth	chambers	nacre sheen	color
27	Alien Jungle	leaf size	sway	fireflies	color
28	Fractal Cathedral	hall width	twist	beat snap	color
29	Mandelbulb Bloom	power	orbit distance	detail (heavy)	color
30	Chrome Lattice	tube thickness	ripple	beat snap	color

SHOW CHECKLIST

1. Power the MPD32 and load preset **18 ArkaosVJ** before starting GoonViz.
2. Pads latch in that preset: every hit counts, so ignore the pad lights.
3. Bring MASTER (F8) up. Keep a finger near **BLACKOUT** (S7) or **■ STOP**.
4. **Autopilot** (S1 / ► PLAY) switches presets and keeps every knob moving.
Bank B F7 sets intensity, from calm to wild. Any knob you touch, autopilot leaves alone until the next switch.
5. Save looks: S8 SHIFT on, hit a blue snapshot pad, SHIFT off.

IF SOMETHING'S OFF

- Pads do nothing: on the Pi run `run.py --learn-pads` and hit the pads in order.
- Change any control: plug in a keyboard, **[H]**, ↑↓ to choose, **[L]**, move the control.
- Then reprint: `python tools/make_cheatsheet.py`
- No reaction to music: check the audio input; Audio react is bank B K5.

KEYBOARD

[←] **[→]** preset · **[R]** randomize · **[B]** blackout · **[A]** autopilot · **[Space]** flash · **[H]** overlay · **[F1]** **[F8]** snapshots · **[Esc]** quit