

I/O jacks (fixed)

Audio

In L/R	codec 48k
Out A / Out B	mono + trims
Stereo out	TRS

CV in (7)

Size/Pos A/B	harmonics mod
Mix A/B	timbre mod
V/Oct A/B	pitch (1V/oct)
Crossfade CV	A/B blend

Clock / Gate

Clock in (TRS 4PPQN)	sync
Gate in A/B	trigger
Gate out A/B	-

Mod CV / MIDI

Mod CV out A/B	-
MIDI in/out	24 PPQN + notes

Front panel

Deck A and B (identical)

Knobs (7)

Pitch	note pitch (+V/Oct, MIDI); Alt = engine select (24)
Position	timbre
Size	harmonics
Envelope	morph
Mix (SOS)	output level
Cycle	LPG colour
Glow	LPG decay

Pads (5)

Play	trigger (strike)
Reverse	-
Grit	-
Flux	-
Seq	trigger

Ring A / B

energy meter + pitch dot; engine dot (Alt)

Shared / Transport

Crossfade

Crossfade	A/B blend
-----------	-----------

Switches (74HC165)

Mode (L/C/R)	trigger: gate / drone (per deck)
Routing (L/C/R)	stereo / double-mono / generative (out+aux)
CV target (U/C/D)	-
Out trims A/B	output trims

Transport

Tap	-
Alt	modifier (held)
Spot	-

Clock

[src color]