

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	-
Mix A/B	-
V/Oct A/B	grain transpose (1V/oct)
Crossfade CV	A/B cloud morph

Clock / Gate	
Clock in (TRS 4PPQN)	sync
Gate in A/B	-
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	grain transpose (+V/Oct, MIDI); Alt = playhead speed
Position	cloud centre position in the buffer; Alt = vibrato depth
Size	position spray (spread of grain start points)
Envelope	grain duration / window
Mix (SOS)	dry/wet; Alt = glisson (per-grain pitch glide)
Cycle	grain density (grains/sec)
Glow	pitch + pan spray (per-grain randomization)

Pads (5)	
Play	Alt+Play: record live input into this deck (toggle)
Reverse	Alt+Rev: record live input into this deck (toggle)
Grit	-
Flux	-
Seq	-

Ring A / B

cloud level meter + position dot

Shared / Transport

Crossfade	
Crossfade	morph between the two clouds (A/B)

Switches (74HC165)	
Mode (L/C/R)	grain direction: top reverse / centre forward / down random
Routing (L/C/R)	-
CV target (U/C/D)	-
Out trims A/B	output trims

Transport	
Tap	tap tempo (density sync)
Alt	modifier (held)
Spot	-

Clock

[src color]