2hp — Brst

[Brst Manual PDF](#)
(Link for reference, as manual source images are provided)

2hp Brst Eurorack Module — Cheat Sheet

Module Purpose

Brst is a voltage-controlled burst generator and trigger delay. When receiving a gate at **TRIG**, it outputs a user-defined burst of triggers with control over speed (rate) and number (pulses). Ideal for rhythmic bursts, fills, and generative percussion.

Reference Summary

Inputs

Jack/Control	Function	Voltage Range
TRIG (Jack 1)	Trigger/Gate input to start a burst stream	Threshold: 2.5V
PULSES CV (Jack 2)	CV input for # of pulses; adds to knob position	0–5V

Jack/Control	Function	Voltage Range
RATE CV (Jack 4)	CV input for pulse speed; adds to knob position	0–5V

Outputs

Jack/Control	Function	Voltage Range
OUT (Jack 8)	Burst output: stream of triggers	0–5V

Controls

Knob/Toggle	Function	Range/Position
PULSES (Knob 3)	Sets number of triggers per burst	1 (left) — 32 (right)
RATE (Knob 5)	Sets delay between triggers in a burst	10ms (left) — 500ms (right)
TRIG TOGGLE (Switch 6)	Include/omit the initial trigger in the output	Left: included; Right: omitted
BURST LED (7)	LED: indicates burst activity	—

Quick Use Steps

1. **Patch a gate/trigger signal** into **TRIG** jack (top).
2. **Set the number of pulses** per burst using the **PULSES** knob (far left: 1, far right: 32).

3. **Set burst rate** (time between triggers) using the **RATE** knob (far left: fast/10ms, far right: slow/500ms).
4. **Optional**: Modulate pulses and/or rate with CV by patching into **PULSES CV** or **RATE CV** (0–5V).
5. **Use the TRIG TOGGLE** to include (left) or omit (right) the initial input trigger as part of the output burst.
6. **Burst output** comes from the **OUT** jack (bottom).
7. **Monitor the BURST LED** for burst activity feedback.

Power Consumption & Specs

- **Width:** 2 HP
- **Depth:** 47mm (Skiff friendly)
- **+12V:** 26mA / **-12V:** 7mA

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