

# Brst



## **Description**

---

Brst is a voltage controlled burst generator and trigger delay. Upon receipt of a gate signal, Brst will output a stream of triggers. Knobs and CV inputs give the user control over speed and the number of repetitions. Whether you're generating bouncing balls, crafting IDM drum beats, or humanizing a clock signal, Brst will prove an indispensable addition to your rack.

- Voltage controlled burst generator
- CV over number of pulses and rate of output
- Initial trigger can be included or omitted from output
- Wide burst range all the way up to 32 repeats

# Table of Contents

Installation/Specifications	4
Brst	5
General Functions Overview	6

## **Installation**

---

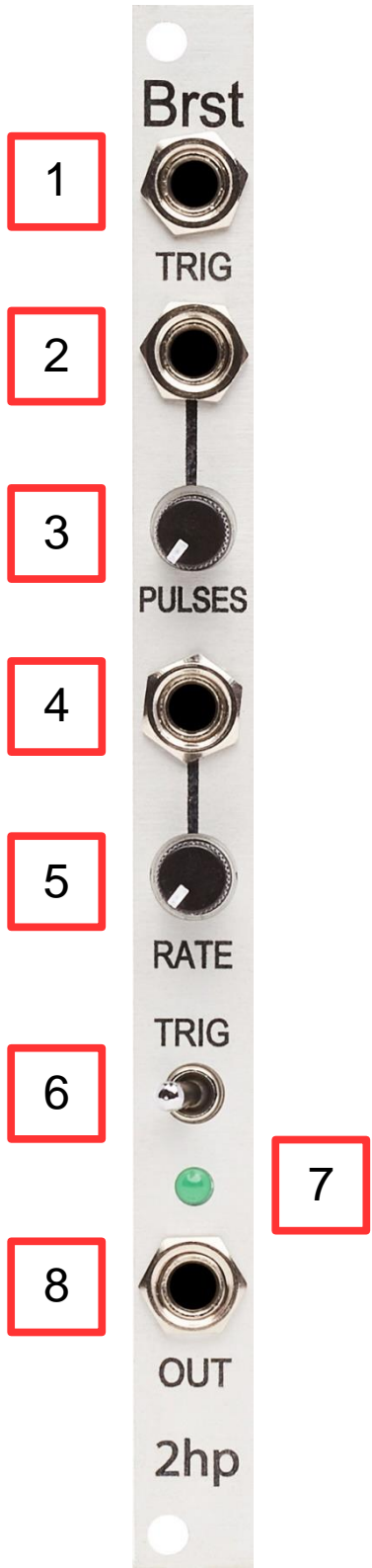
To install, locate 2 HP of space in your Eurorack case and confirm the positive 12 volts and negative 12 volts sides of the power distribution lines. Plug the connector into the power distribution board of your case, keeping in mind that the red band corresponds to negative 12 volts. In most systems, the negative 12 volt supply line is at the bottom. The power cable should be connected to the Brst with the red band facing the front of the module.

## **Specifications**

---

**Format:** 2 HP Eurorack module

**Depth:** 47mm (Skiff Friendly)



## General Functions Overview

---

### 1. TRIG:

Trigger input

A stream of trigger signals will emit from *OUT* when a trigger or gate signal is received at the *TRIG* input

Threshold: 2.5V

### 2. PULSES CV:

Control voltage input for *PULSES*

Range: 0V – 5V

### 3. PULSES:

Controls the number of pulses that output when a trigger or gate signal is received by the *TRIG* input

If the knob is far left, the number of pulses will be set to 1

If the knob is far right, the number of pulses will be set to 32

### 4. RATE CV:

Control voltage input for *RATE*

Range: 0V – 5V

### 5. RATE:

Controls the delay time in between successive pulses

If the knob is far left, the delay time in between successive pulses will be set to 10ms

If the knob is far right, the delay time in between successive pulses will be set to 500ms

## **6. TRIG TOGGLE:**

Toggle that will include or omit the initial trigger signal

If the toggle is left, the initial trigger signal will be included

If the toggle is right, the initial trigger signal will be omitted

It important to note that if the *TRIG TOGGLE* is right and the *PULSES* knob is set to 1, one pulse will emit from *OUT* and will be delayed by 10ms

## **7. BURST LED:**

LED that indicates the pulses emitted from *OUT*

## **8. OUT:**

Burst output

Range: 0V – 5V