Black Cloud Industries

Tossed Coins

Quad Bernoulli Gate

Introduction

Tossed Coins offers four Bernoulli gates with individually controllable A/B probabilities. The gates can be used independently or linked in series for more complex results.

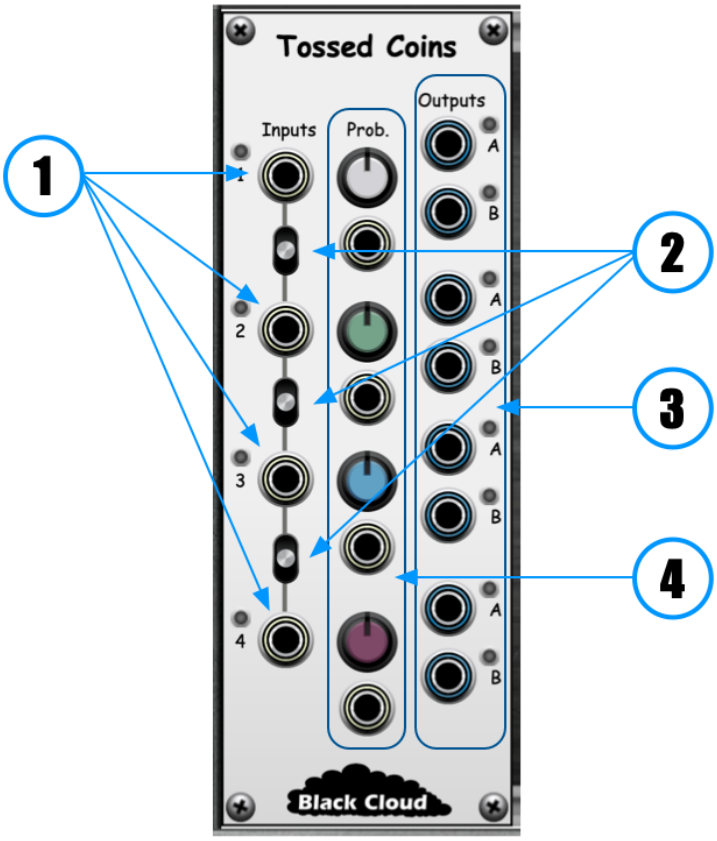
Whenever a gate detects a positive gate or trigger signal on its input, it will "flip a coin" to decide which of its outputs (A or B) it will pass that input to.

If nothing is connected to the inputs of gates 2, 3, or 4, one of three normaling modes can be selected:

* Pass A openings from the previous gate
* Pass either A or B openings from the previous gate
* Pass B openings from the previous gate

Each gate's A/B probability can be controlled manually or via a +/- 5V CV that is added to the manual value.

Knobs, Buttons and Sliders



1	**Inputs 1-4** Inputs for trigger or gate signals to be processed by the randomizer. LED indicates input activity.	3	**A/B Trigger/Gate Outputs 1-4** The corresponding trigger or gate will be output on either A or B for each Input channel.
2	**Normalize Toggles** When nothing is patched into Inputs 2, 3, or 4, you can choose one of three modes for passing the previous input signal: ➔ Pass A signals from the previous input ➔ Pass either A or B signals from the previous input ➔ Pass B signals from the previous input	4	**Probability Controls and CV Control** Use the dials to manually control the probability of passing the input signal to either of Outputs A or B. You can use CV to control probability too.