

Mult

Dual 4-Way Passive Multiple



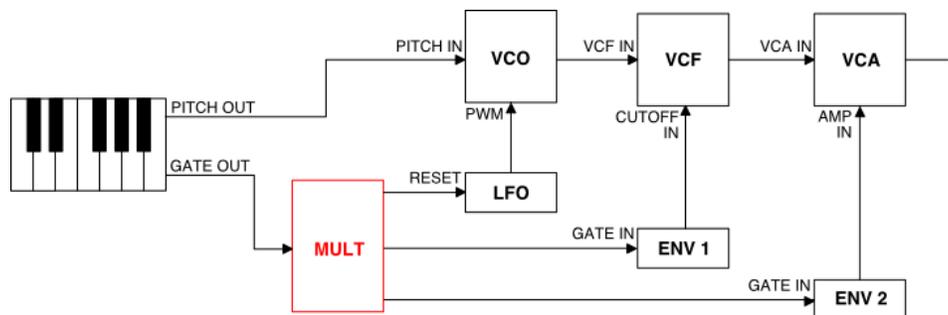
Installation

This module is designed to be mounted within any standard Eurorack-compatible case. It requires only 2HP of width, and because the Mult is a passive module, it requires no power to operate.



Operation

Mult is a dual 4-way passive signal multiplier. A signal multiplier takes one input signal and routes it to multiple outputs simultaneously. For example, you might want a keyboard's gate CV to trigger two different envelopes — one to control volume and the other to control filter frequency. In addition, you might also want each key press to reset the phase of an LFO, which controls some other parameter, such as Pulse Width modulation on your oscillator.



Since such a patch requires that one signal (a gate, in this case) be routed to three destinations, you need some sort of signal multiplier to accomplish this.

Mult is divided into two sections — upper and lower. Each section is its own 4-way passive multiplier, completely independent of the other. Plug an audio or CV signal into any of the four top jacks [1], and Mult sends an unbuffered version out the other three jacks in the group (thereby “multiplying” one signal into three). Similarly, an audio or CV signal patched into any of the bottom four jacks [2] is routed to the other three jacks in the bottom group.

Technical Specifications

WIDTH: 2 hp | MAXIMUM DEPTH: 27mm | CURRENT DRAW: None