



Multiple

Manuel V1.0

This module is a simple passive multiplier 1 "IN" to 7 "OUT" maximum.
At the rear, two options are available (detailed below).

Use clock signals, GATEs, modulations, build a rhythm, etc...

Accepts all signals (volt/octave signal: the module being passive, it is preferable not to exceed x2 to maintain good tracking).

Presentation



1: 3.5 jack connectors (inputs or outputs depending on your routing)

2: 3.5* jack connectors (inputs or outputs depending on your routing)

On the back of the module:

A 2-pin connector (in the upper part) allows you to connect a second multiple in order to multiply the possibilities.

*A jumper (middle of the module) also separates the module into two independent floors.

Explanations

The principle of this multiplier is very simple: multiply an incoming signal up to 7 times. A jumper on the back allows you to split the module into two independent floors. And so to do 2x (1 IN to 3 OUT).

Please note, this is not a mixer. You just get x copy(s) of the incoming signal.

At the back, a jumper allows the module to be split into two independent parts, and thus benefit from 2x 1 "IN" to 3 "OUT".

Still at the rear, a connector (located in the upper part) allows connection with a second multiple (connection cable provided when purchasing a second multiple). It is the first stage that is connected to this connector, so you can get up to 1 "IN" to 15 "OUT", or create different combinations according to your needs thanks to the jumpers.



The 2-pin connector (in the upper part) allows you to connect a second multiple in order to increase the possibilities tenfold using a ribbon cable*.

** provided when purchasing a second module.*

The jumper (middle of the module) separates the module into two independent stages.

No jumper: 1 IN to 7 OUT module

Jumper in place: two independent stages 2x 1 IN to 3 OUT (connectors 1 to 4 independent of connectors 5 to 8).

Characteristics

Size 2hp (1 cm), epoxy black panel 1,6 mm.

Deep : 25mm with connector (skiff friendly).

PCB in epoxy FR4 dual layer, 1,6 mm. Surface finish HASL.

Ribbon cable, M3 and nylon nuts inc.

No consumption (passive module)

Components tested and assembled by hand, in Brittany, France.

*thank you for your trust
Feel free to give me your opinion, criticism or wishes ...
Other modules are coming*

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<https://phmodular.com>