BUFFERED MULTIPLES

USER MANUAL

THANKS YOU

Thanks for supporting BLACK NOISE.
Your module have been designed and assembled with love and care in France.
We hope you will enjoy your module as much as we are.

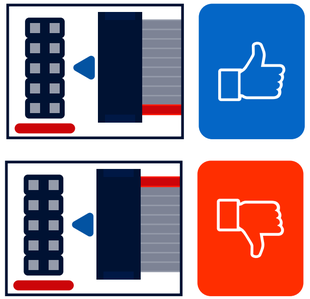
INSTALLATION & POWER SAFETY

1

Disconnect you rack power from the main.

2

Align the red line from the power ribbon cable with the line draw next to the power connector on the module side.



3

Check again the polarity of the ribbon cable.

4

Check the polarity one last time.

5

Connect you rack power from the main.

6

Power you rack.

7

Check that the module work fine, else please contact us.

8

You can screw you module on your rack.

DISCLAIMER

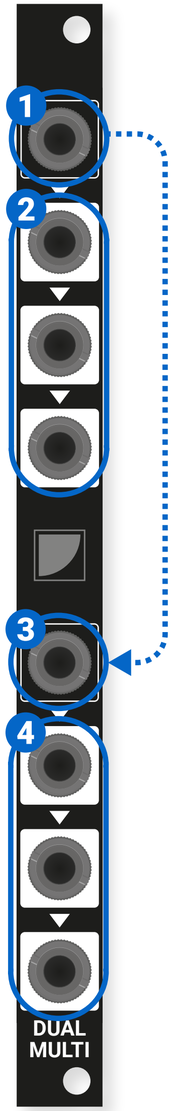
All our modules are secured against reversed power connection, however plugging you module backward may damage you power supply or other modules installed in your rack.

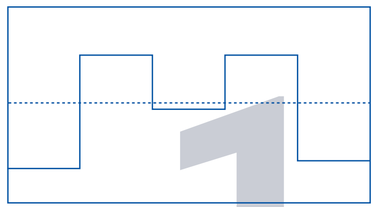
Backward connection are not covered by our warranty.

BUFFERED MULTIPLES

OVERVIEW

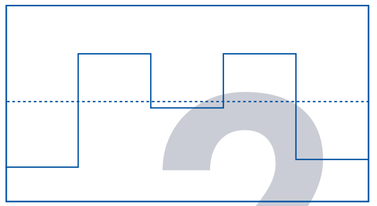
FRONT PLATE





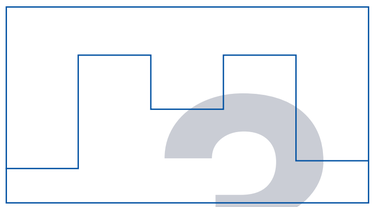
INPUT 1

Plug in input 1 the signal you want to copy.



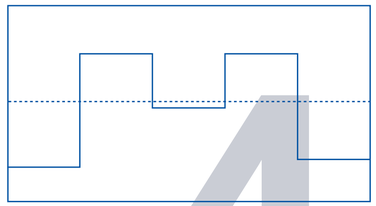
OUTPUTS 2

Each output give you a copy of the input signal. Unlike passive multiple the signal won't be split across each output. This is important if you can to copy pitch signal.



INPUT 3

Plug in input 2 the signal you want to copy.
The input is normaled to input 1 so if nothing is plug into input 3 output 4 will be a copy of input 1.



OUTPUTS 4

Each output give you a copy of the input 3 signal.
The input is normaled to input 1 so if nothing is plug into input 3 output 4 will be a copy of input 1.

GENERAL SPECIFICATIONS

PANEL WIDTH : 2HP

MODULE DEPTH : 20mm

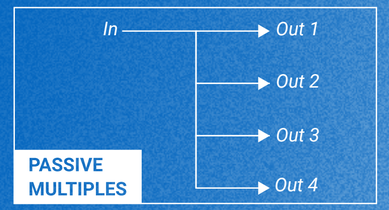
POWER CONSUMPTION :
+12V : 11mA
-12V : 11mA
+5V : 0mA

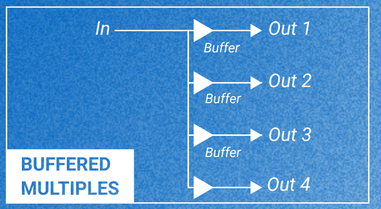
ACTIVE/PASSIVE MULTIPLES

Passive multiples splits the incoming signal and shares it across multiple outputs.

Buffered Multiples on the other hands make electronic copies of an input voltage and duplicate that voltage at the outputs.

Buffered multiples have advantages over passive multiples.
Since passive multiples split the signal, in case of voltage-critical signal such as V/Oct, the pitch will vary from one output to the other. With buffered multiples each output will be a perfect copy of the input making it perfect for voltage-critical signal .
Because buffered mults isolate their outputs from the input, any faults or shorts present at the input will not pass through to a connected module.





BUFFERED
MULTIPLES

WARRANTY

BLACK NOISE guarantees is products to be free of defects in materials or construction for a period of two year from the date of purchase.

Malfunction resulting from wrong power supply voltages, backwards or reversed eurorack bus board cable connection, abuse of the product or any other causes determined by *BLACK NOISE* to be the fault of the user are not covered by this warranty, and normal service rates will apply.

During the warranty period, any defective products will be repaired or replaced, at the option of *BLACK NOISE*, the postage to *BLACK NOISE-customer service* is on the customer. The return of your module is on us.