

M I X E R 4

USER MANUAL



Thank you

Thank you for purchasing Mixer 4 V2 module.

MIXER 4 V2 is our updated version of our MIXER 4.

MIXER 4 aim to be a useful and straightforward mixer with extra functionalities.

Most of the mixer have either linear or logarithmic curve response. linear curve is more suitable for CV signals and logarithmic is designed to process audio signal.

One of the downside of this configuration is that you need lots of mixer to be shure to always have the right mixer available. MIXER 4 try to answer this issue allowing to set on the fly to curve of each channel individually.

Our udpate version feature the curve selector directly on the frontplate allowing for easy settings of the curve of each channel.

Mixer 4 aim to make mixing easier and more precise but also to reduce the HP's dedicate to mixing. Less boring modules like mixer mean more space and money for fun modules !

Summary

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MIXER 4 - V2

Installation & power safety

02

1

Unplug you rack power from the main.

2

As shown on the sketch on the right, align the red line from the power ribbon cable with the line draw next to the power connector.

3

Check twice the alignment of the ribbon cable.

4

Plug you rack power to the main and power you rack.

5

Test all the inputs/outputs and each knobs. If you module is not fully working please contact us at : Contact@blacknoisemodular.com

General Specifications



Power Consumption

+12V : 8mA
-12V : 8mA
+5V : 0mA



Panel Width

6HP



Module Depth

20mm - skiff friendly

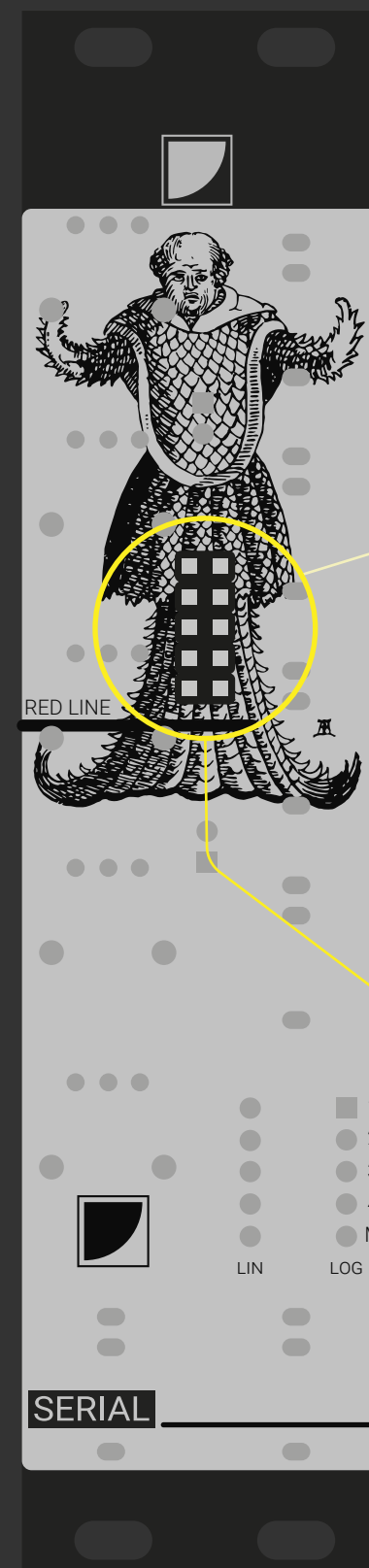
Warranty

BLACK NOISE warrants its products to be free of defects in materials or workmanship and to be conform with the specifications at the time of shipment for a period of two years from the date of purchase.

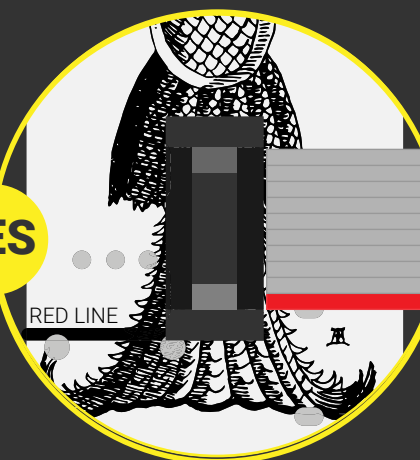
During that period any malfunctioning or damaged units will be repaired, service and calibrated into your workshop. This warranty does not cover any problems resulting from damages during shipping, incorrect installation or power supply, abusive treatment, or any other obvious user-inflicted fault.

If your product warranty is passed, it still can be serviced as long as parts are available in our workshop. We reserve the right to charge for labor, parts and transit expenses where applicable.

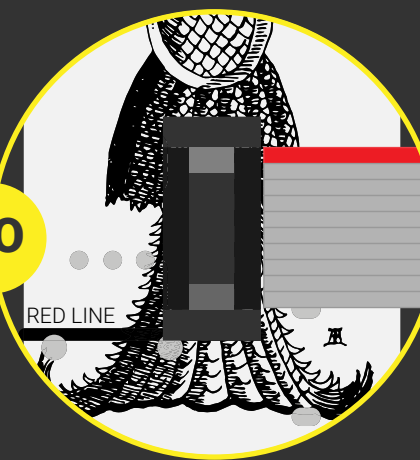
Before sending your product to our workshop please contact us for RMA and details. Any unsolicited parcel will be rejected and or returned. The postage to our workshop is on the customer. The return of your module is on us. BLACK NOISE can not take any responsibility for damages caused during transport.

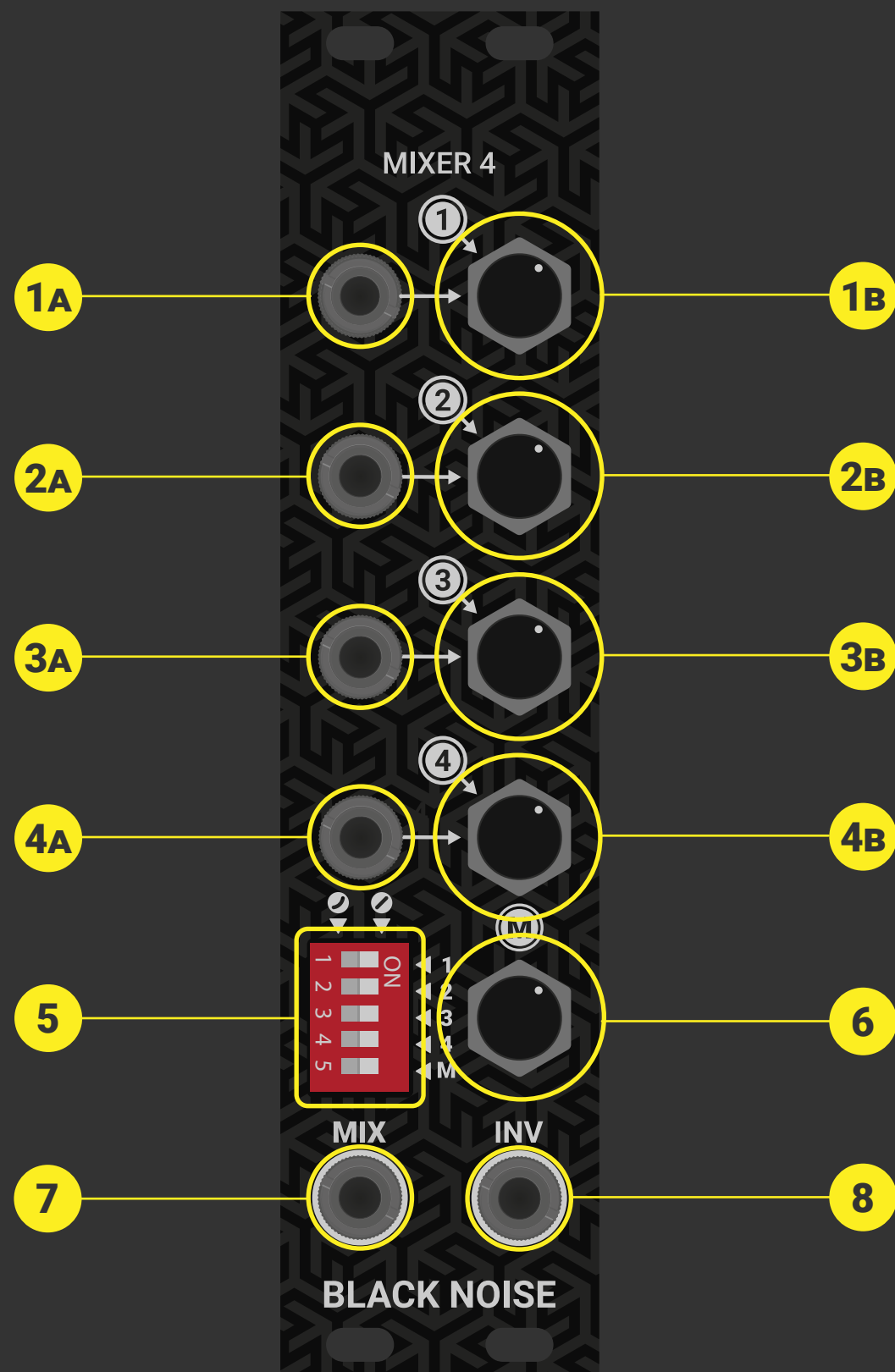


YES

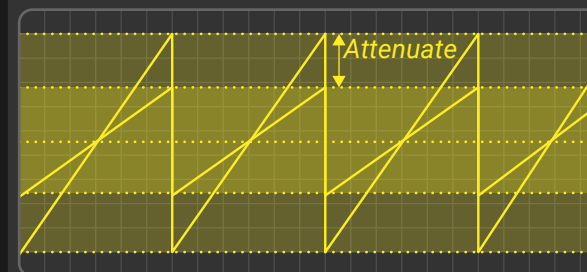


NO





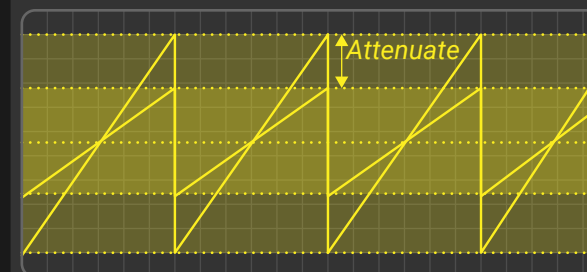
1 Channel 1



1A
Input of the Channel 1.

1B
Allow to attenuate the input signal of channel 1.
The attenuator curve can be set to linear or logarithmic using the curve selector.

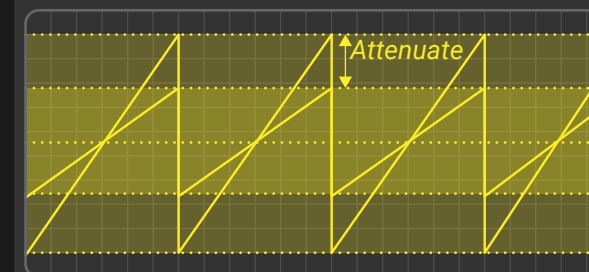
2 Channel 2



2A
Input of the Channel 2.

2B
Allow to attenuate the input signal of channel 2.
The attenuator curve can be set to linear or logarithmic using the curve selector.

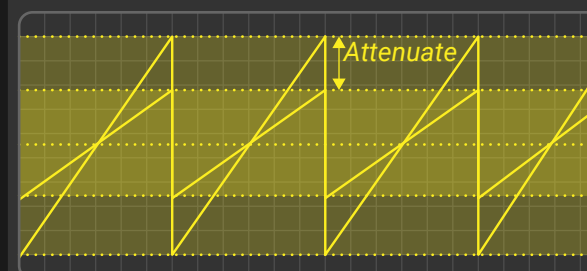
3 Channel 3



3A
Input of the Channel 3.

3B
Allow to attenuate the input signal of channel 3.
The attenuator curve can be set to linear or logarithmic using the curve selector.

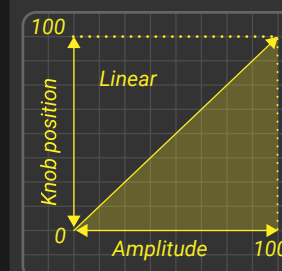
4 Channel 4



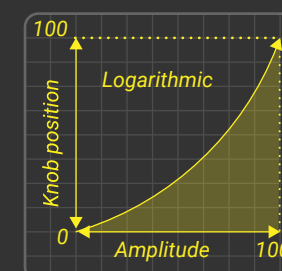
4A
Input of the Channel 4.

4B
Allow to attenuate the input signal of channel 4.
The attenuator curve can be set to linear or logarithmic using the curve selector.

5 Curve selector



Due to its linear shape, linear curve is more indicated to CV signal.



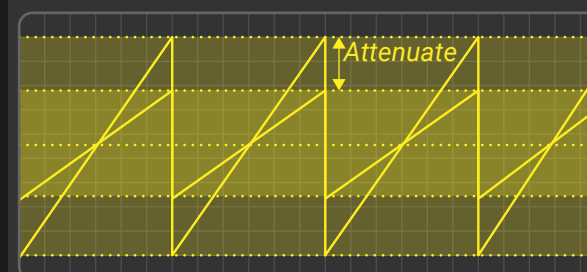
The logarithmic curve mimics the decibel curve so it is more suitable for audio signal.

The curve selector allows you to set the curve response of the attenuator on each channel individually.

Unlike the previous version of MIXER 4, the curve selector is now accessible in the front side of the panel and can be set using the tip of a jack cable.

Each attenuator can be set to linear or logarithmic. The logarithmic curve mimics the decibel curve so it is more suitable for audio signal. Whereas the linear curve is more suitable for CV signals. Of course you can experiment with different curve settings for both audio and CV signals.

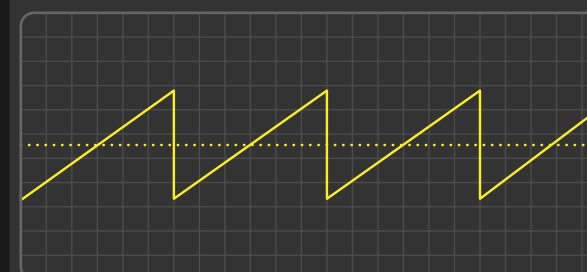
6 Master channel



Master channel allows to attenuate the whole mix before it hits the outputs jacks. This attenuator can be useful to set the whole amplitude of the mix or quickly mute all the inputs.

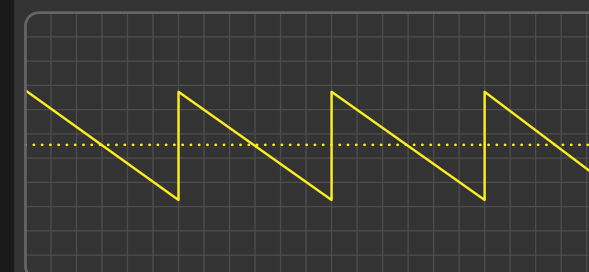
The attenuator curve can be set to linear or logarithmic.

7 Mix output



Output the mix of all the channels.

8 Inverted mix output



Output an inverted copy of the mix of all the channels.

