Spaghetti utility tool:
buffered multiple + inverter + unity mixer

instruction

❶

inverted output of the main input

❷

main input

❸

buffered copies of the main input signal
very low offset (<0.015%)

❹

unity mixer section
6: main input is mixed with the two MIX IN signals (with gain 1).
And the mixed signal is output from the MIX OUT socket

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technical details

- 4HP width
- 35mm deep (skiff friendly)
- power consumption: +12: <15mA, -12: <35mA, +5: <35 mA
- PTC fuse and diode protected 16 pin power connector
- requires +5V from the power supply bus board

features

- signal input
- inverted output
- 2x buffered, low-offset outputs (ca. 0.015%)
- unity gain mixer with 2 MIX inputs 1 MIX OUT
- bipolar LED to visualise each signal independently (visible from 2Volts)
- handmade in Brno, Czech republic

Connecting module to your system

Before connecting the ribbon cable to this module disconnect your system from power !

Double check the polarity of the ribbon cable and that it is not shifted in any direction. the red cable should match the -12V rail both on the module and on the bus board !

please make sure of the following

- you have a standard pinout eurorack bus board
- you have +5V, +12V and -12V rails on that bus board
- the power rails are not overloaded by current

Although we put protection circuits in the device, we do not take any responsibility for damages caused by wrong power supply connection.
After you connected everything, double-checked it and closed your system, so no power lines can be touched by hand, turn on your system and test the module.

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