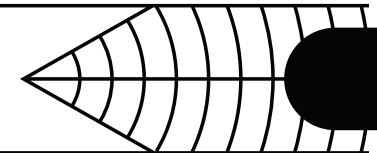




ANIMAL FACTORY
AMPLIFICATION

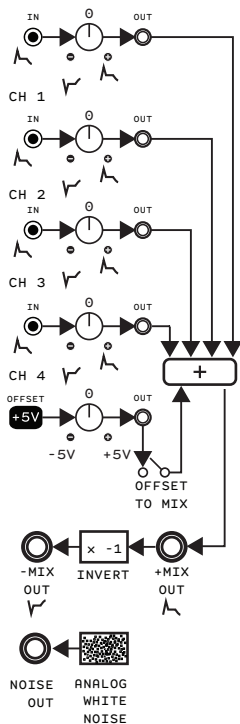
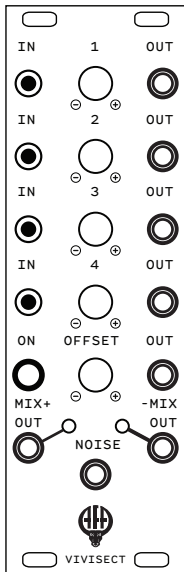


VIVISECT

UNDERSTANDING AND CARING
FOR YOUR ANIMAL

The Vivisect is a deceptively simple module that can attenuate, invert and sum four channels of audio or CV to two outputs, with or without an offset.

In addition, it has a noise source completely separate from the main circuit. Go through this manual carefully - it pays to understand just how much value the Vivisect can bring to your setup.



Vivisect is a 4 input attenuverting mixer.

Each input goes to an attenuverting circuit. In the center position of the knob, there is no output. In the CCW position, the output is the inversion of the input signal. In the CW position, the output is a copy of the input signal.

The four output signals are summed to a mixer output, which is inverted to a second output.

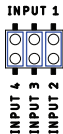
An independent offset signal from +5V to -5V is available at all times. If the OFFSET switch is engaged, the LED above it lights red and the offset is added to the mixer output.

All outputs are available independently, at all times.

The noise output is completely independent from the rest of the circuit.

TIPS AND TRICKS

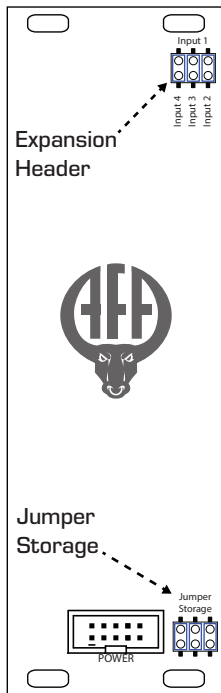
1. Your module acts a 4 channel attenuverting mult! This is accomplished by the jumpers on the back (top-right!) of the module . This action normalizes the input of the first channel to the other the inputs while retaining the attenuverting function of each channel. To disable this, simply remove the jumper(s).



2. In this configuration, you can acheive up to 4 channels of noise by simply plugging in the noise output from the independant noise source into the first channel of the module. In the same way, you can create up to four channels of tunable offset by patching the offset output to input 1.

3. Worried about losing jumpers? Don't be, just use the spare header at the bottom to store them safely!

4. Keep in mind that Vivisect is a summing module and summed unattenuated signals can be very loud!



SAFETY

We attempt to build safe products. Here are some further cautions you should exercise while using them.

1. Do not eat the Vivisect.
2. The Vivisect module follows the Eurorack standard power connection scheme, includes a standard 16-to-10 pin power connector, has reverse polarity protection diodes and a shrouded 10 pin header to ensure the power is connected only one way - the right way. (red stripe negative!)

ENVIRONMENT & DISPOSAL

Do not dispose of any part of the Vivisect in household waste.

Electronics must be disposed of safely according to the electronics disposal norms in your country.

Your module was constructed using lead-free solder. The packaging uses minimum possible plastic.

TECHNICAL DETAILS

Width: 8 HP (40 mm)

Power Consumption:

approx. 30 mA +12V, 30mA -12V

Depth with power cable: approx

46mm

Inputs: mono 1/8" with overload protection, 10V p-p

Input Impedance: 100k Ω

Outputs: mono 1/8"

Output Impedance: nom. <1k Ω

Noise Output: White Noise,
approx 10V p-p

One tested 25cm 16-to-10 pin power cable, 5x M3 rack screws and washers included.

