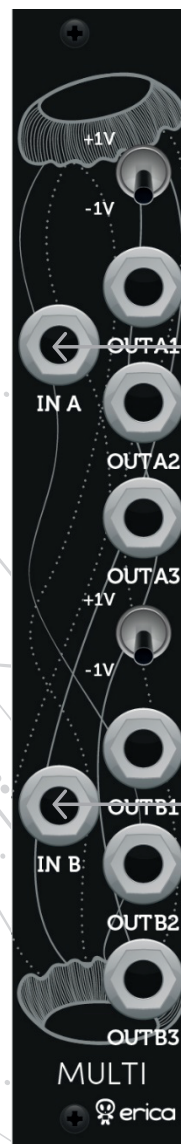# erica synths

BLACK MULTI

THANK YOU FOR PURCHASING ERICA SYNTHS BLACK SERIES MODULE!

Erica Black Series include high-end, unique functionality and superior quality modules. Only the best, highest quality components are used, all inputs and outputs are protected against undesired overvoltage. When designing Black Series, we put design and usability superior. Big knobs are assigned to functions that make difference in sound. Erica Black series consist of range of modules that are needed to put together entire synth. Enjoy!

Erica Synths Black Stereo Delay Erica Synths Black Multi is highly accurate active buffered 2x1to3 or 1to6 multiple that will work for signal splitting in any circuit, including driving several VCOs in tune from one CV source. "Octave" or +-1V offset switches on both channels allow to add or subtract one volt form each channel thus transposing VCOs one octave up or down. Hidden feature - custom offset - allows to set user defined offset on the first channel.

SPECS:

Max input level	-10V - +10V
Power consumption	+25mA, -25mA
Module width	4HP
Module depth	25mm

SWITCH
Switches add or subtract 1V from the incoming CV signal. When patching the outputs to a 1V/oct input of a VCO, you can transpose the VCO for an octave.

INPUTS
Apply signal, you wish to split here! Input is DC coupled, so you can use it for splitting CV, clock or audio signals. This module is actually 2x3 multiple, and second input is normaled to the first output, so if nothing is patched in the second input, you get one signal splitted to 6 outputs, OR if you plug a patchcable in INPUT2, you automatically get 2x3 multiple. Each section has it's bias switch. The top section of the module has hidden feature – optional initial bias, meaning, if nothing is patched in IN A, the module automatically adds user preset voltage (0...5V) to the output signal. In order to activate it, remove the jumper on the back of the module and use a small screwdriver to access the trimpot on the front panel and set the desired initial bias.

OUTPUTS
On outputs you get 6 or 2x3 identical independent signals – exact copies of input signals or biased ones depending on the setting of the transpose switches.

(Panel labels: +1V, -1V, OUT A1, IN A, OUT A2, OUT A3, +1V, -1V, OUT B1, IN B, OUT B2, OUT B3, MULTI, erica)