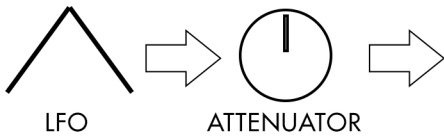


SAMPLE & HOLD

TRIANGLE LFO, CYLING ENVELOPE OR ANY VOLTAGE IS PASSED THROUGH AN ATTENUATOR INTO THE INPUT OF THE S&H MODULE



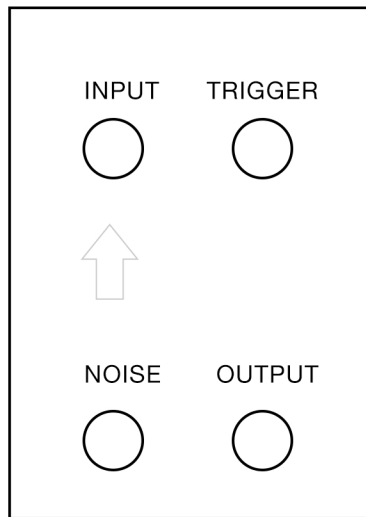
THE + - ATTENUATION CHANGES THE BASIC SHAPE OR WIDTH OF THE LFO, AND CHANGING THE DEPTH OF VOLTAGE CHANGES.



NOISE IS TYPICALLY NORMALLED TO THE INPUT. THIS MEANS THAT NO PATCHING IS NEEDED TO SAMPLE THE NOISE BEING CREATED BY THE S&H MODULE.

PATCHING SOMETHING ELSE TO THE INPUT WILL BREAK THIS CONNECTION.

THE NOISE IS ALWAYS FREE TO BE USED FOR OTHER PURPOSES.



A TRIGGER IS INSERTED TO DETERMINE WHEN THE S&H MODULE WILL TAKE A SAMPLE OF THE ENVELOPE OR LFO.



THIS CREATES THE PITCH CHANGES. THE SHAPE OF THIS VOLTAGE IS DETERMINED BY THE INPUT TRIGGER.



QUANTIZER

A QUANTIZER CAN FORCE THE VOLTAGE OUTPUT INTO KEY FOR PITCH RESULTS. THIS ISN'T AS VITAL FOR MODULATION. FROM HERE, THE OUTPUT IS PATCHED TO A 1V/OCT INPUT OF A VCO OR INTO ANOTHER MODULATION DESTINATION.