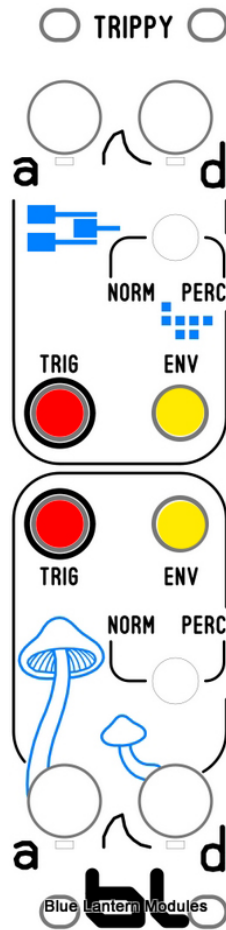


## Trippy Dual Attack Decay



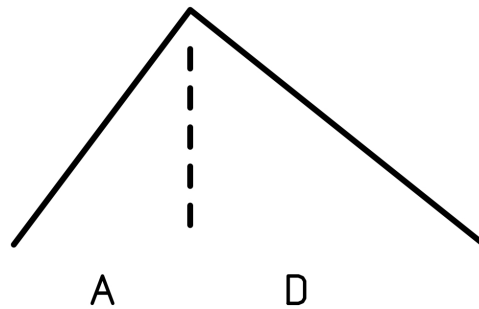
Red Jack: Input trigger. There are two identical circuits on this module. One input triggers the circuit above. The other below it triggers the circuit below. There is an internal capacitor on these inputs. Trigger is only possible. If a gate is patched into this input, the internal capacitor will convert the signal into a trigger signal.

Yellow Jack: Output for the envelope generator. There are two identical circuits on this module. One output is for the above envelope generator, and the other jack below it is for the below envelope generator.

Each envelope generator has the following parameters: Attack Knob, Decay Knob, and choice of the speed using the toggle switch. Norm refers to normal operation; PERC refers to a fast response used for percussion. You can use NORM setting for percussion also. Think of the toggle switch as normal or fast response.

# Trippy Dual Attack Decay

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This module generates voltage, and this voltage will follow the above one shot wave form. The one shot happens every time a trigger signal goes low to high or 0 to about 3v (or above) on the input. This wave form has a rise and fall. Attack knob is used to control the rise time, and Decay knob is used to control the fall time.

Knob settings:

'A' knob fully counter clockwise and 'D' knob at 12' o clock is a good starting default setting. Toggle switch would be set to NORM. With a signal like a square wave or using the Midi to CV gate output you would then trigger the envelope generator.

The output is a positive only output. It is about 0-7v roughly. Remember this is voltage generator. You don't pass audio through this module. If you trigger the input really fast however, will get an audible waveform on the 'ENV' output.

The most common patch:

Trippy Dual AD to Trippy Dual VCA (or another VCA)

Trigger signal (LFO etc) patch->input trigger Trippy AD, the output ENV->to CV Trippy VCA.

Audio is then patched through the VCA. (Audio input VCA, Audio Out VCA)

What's going on?

The VCA is processing the audio source. The Envelope Generator is creating a rise and fall voltage and 'opening' the amplifier on the VCA. A trigger signal is controlling when all this happens together.

## Trippy Dual Attack Decay

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EURO FORMAT SPECS:

CURRENT: +8mA, -8mA

WIDTH: 6HP

PCB STACK LEVEL: ONE, SKIFF COMPATIBLE.

RIBBON POWER: -12V GND GND +12V, NO 5V REQUIREMENT NEEDED.

ALL BLM PRODUCTS USE RED STRIPE FOR NEGATIVE POWER INDICATION.