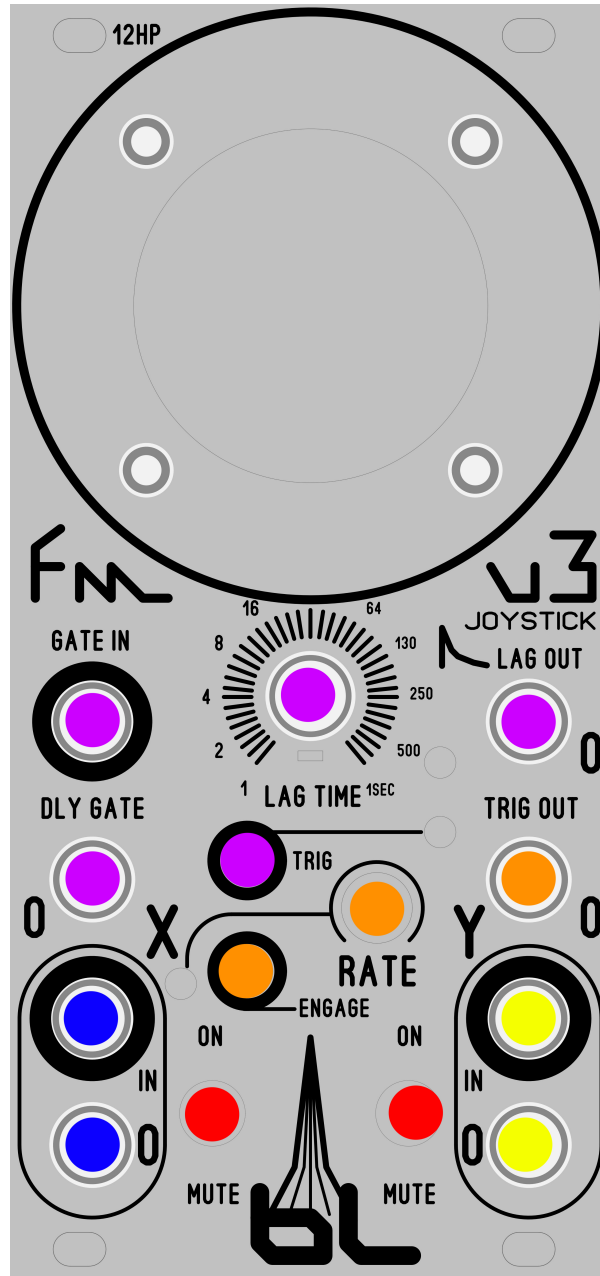


BLM FM PRO JOYSTICK V3



Dark Blue Jacks: input and output for the x-axis portion of the joystick. This is a bi-polar positive and negative circuit. When nothing is patched into the input jack, roughly -5V/+5v is used for the output.

Yellow Jacks: input and output for the y-axis portion of the joystick. This is a bi-polar positive and negative circuit. When nothing is patched into the input jack, roughly -5V/+5v is used for the output.

Red Toggle Switches: these cut the signal for the output of each axis.

Orange Section: Engage button, Rate Knob, Trigger Output. This is a rapid fire circuit. The output is a pulse wave. This is used to manually add stutter, or rolls to a clock for example. The Rate knob determines the speed of the internal clock. The LED indicates the speed of the internal clock.

BLM FM PRO JOYSTICK V3

Violet Sections: Gate input – used to external trigger this section.

Delay Gate Output works with conjunction of the LAG Time Knob. This outputs a delayed pulse signal.

Trig Button is to manually trigger this circuit section.

Lag Output jack is a rise fall 1 shot wave. The duration is determined in conjunction with the LAG Time knob.

The LED next to '500' indicates the LAG time.