

X/Y Controller 32A

The X/Y Controller 32A is a Joystick interface with numerous panel controls for adjusting the output range and offset. Two switchable modes of operation are fixed internal 5V reference or external input. In external mode the joystick functions as a two axis attenuator for control voltage or audio signal input.

Joystick: The vertical axis controls the Y output. The horizontal axis the X. Off or zero position is the lower left corner.

Manual Gate: Panel button that when pushed sends a 5V pulse to the gate output. The gate remains high until button is released.

X Input: Signal input that is routed to the X output when switch is in the External position. The joystick attenuates this input.

X Output: Output for X axis.

X Mode Switch: *Internal* uses the on board +5V reference voltage. *External* routes the X IN to the X OUT with joystick as attenuator.

X Amount: Panel control for setting the range of the x axis

X Offset: Adds +/- voltage offset to the x axis.

Gate Output: Patch this output to envelopes or to reset LFOs etc.

Y Input: Signal input that is routed to the Y output when switch is in the External position. The joystick attenuates this input.

Y Output: Output for the Y Axis.

Y Mode Switch: *Internal* uses the on board +5V reference voltage. *External* routes the Y IN to the Y OUT with joystick as attenuator.

Y Amount: Panel control for setting the range of the Y axis.

Y Offset: Adds +/- voltage offset to the Y axis.

