

## Basic MIDI Capture

### Hardware:

#### Controller Board

- Note boards plug into controller board
- provides regulated 5v. DC for components
- jumper selectable MIDI Channel
- jumper selectable 32-64-96 or 128 note inputs
- MIDI activity LED
- MIDI OUT socket

#### Note input board

- 32 note inputs per modular board
- end plugable to 128 notes per controller
- pulling input pin to ground (low) makes note active
- rising clamp screw terminals for input and power connections

#### Inverter Board

- If input signal is positive, 32 note inverter boards are available
- output of board is forced high by onboard resistor pack
- High input changes output to low

Note table is pre-configured to any note order. Channel selector jumpers pick a single channel for the MIDI Out. No jumpers defaults to channel 1.

Input can be any type of contacts or switches that take the input pin to ground (low). There is no velocity with this system.