

PITTSBURGH MODULAR LIFEFORMS SV-1 MIDI MODULE

EDIT MODE *

Enter **edit** until **mono, arp, gate, clock** leds blink three times

Exit: press **edit** until **mono, arp, gate, clock** leds blink three times

MIDI CHANNEL

Enter **edit** mode

Tap **hold** to cycle

Count **mono led** blinks

TEMPO

Tap **clock** to set the tempo of internal clock

MONO/ARP

Tap **mode** to toggle

MONO

Tap **edit** to cycle

1. Last Note Priority with Gate Retrigger
2. Last Note Priority
3. Low Note Priority with Gate Retrigger
4. Low Note Priority
5. High Note Priority with Gate Retrigger
6. High Note Priority

ARP *

Tap **edit** to cycle

1. Notes Played in Order - single triggers
2. Notes Played in Order - double triggers
3. Random - single triggers
4. Random - random gates

CLOCK

Enter **edit** mode

Tap **clock** to cycle

Count **clock led** blinks

1. Internal clock
2. External midi clock
3. External gate clock

DIGITAL LFO

CLOCK

Hold **lfo**

Tap **clock** to cycle

1. Clock
2. Clock x2
3. Clock x3
4. Clock /2
5. Clock /4

WAVEFORM

Tap **lfo** to cycle

1. triangle
2. random
3. ramp
4. saw
5. digital noise
6. sine

HOLD

Tap to latch

In mono, **mono led** will blink

In arp, **arp led** will blink

MIDI CC EXPRESSION

Enter **edit** mode to learn

PITCH BEND RANGE

Press **edit** until **arp led** blinks

Tap **hold** to cycle

1. two semitones
2. eight semitones
3. twelve semitones
4. twenty-four semitones

MIDI PANIC

If you have a stuck MIDI note, tap **hold** twice.

RESET MODULE

Press **mode** then press **hold** until **mono, arp, gate, clock** leds blink

GESTURES

Tap means press and release button immediately

Press means press and hold button until led feedback

Hold means press and hold button while you tap another one

CYCLING THROUGH OPTIONS

Selecting an option requires cycling through the list of options. You cannot tap three times to select option three. For example, if your current LFO waveform is "4. saw" and you want to use "3. ramp", you'll have to tap the lfo button **five** times.

MIDI MODULE RESET

If the midi module does not respond as you expect, reset it to its default settings to start afresh. Press **mode** then press **hold** for four seconds until **mono, arp, gate, clock** leds blink. Note that your previously saved options will be reset to the module's defaults.

MIDI MODULE DEFAULTS

- MIDI channel = all (omni)
- Mono/Arp = mono
- Mono Mode = 1. Last Note Priority with Gate Retrigger
- Arp Mode = 1. Notes Played in Order - single triggers
- Clock = internal clock
- Digital LFO clock = clock * 1
- Digital LFO Waveform = 1. triangle
- Hold = off
- Pitch Bend Range = 1. two semitones

SAVED MIDI SETTINGS

These settings will persist through a power cycle

- MIDI channel
- Mono Mode Response
- Arp Mode Response
- Clock timing
- Digital LFO clock
- Digital LFO Waveform
- Pitch Bend Range

MIDI PANIC

There's no panic button per se, but cycling the **Arp** and **Mono** modes with the **mode** button will clear the stuck MIDI note.

MIDI RANGE

The module responds to MIDI notes C1 (decimal 24) to G9 (decimal 127)

MIDI CABLE

The Pittsburgh Modular 3.5 jack to DIN MIDI cable follows the Korg setup:

- Tip to 5 (current sink)
- Ring to 4 (current source)
- Sleeve to 2 (shield)

* GOTCHAS

Edit Mode: if you press too long on the **edit** button, you'll enter "pitch bend range" setting mode (**arp** and **clock** leds blink). Tap **edit** once to fall back into edit mode (**mono** and **clock** leds blink).

Arp: The arp will not play when the clock source is other than internal and
- clock source is MIDI and there's no MIDI beats; or
- clock source is external and there's no clock gates