modules for VCV Rack

MIDI 8 MPE

MIDI to CV interface with MPE and Polyphonic modes (up to 8 Voice channels)

MIDI device settings

Polyphonic modes

Cycle: arriving note uses the next available Voice channel

Reuse: arriving note uses same Vo if note is repeated, if not uses the next available one
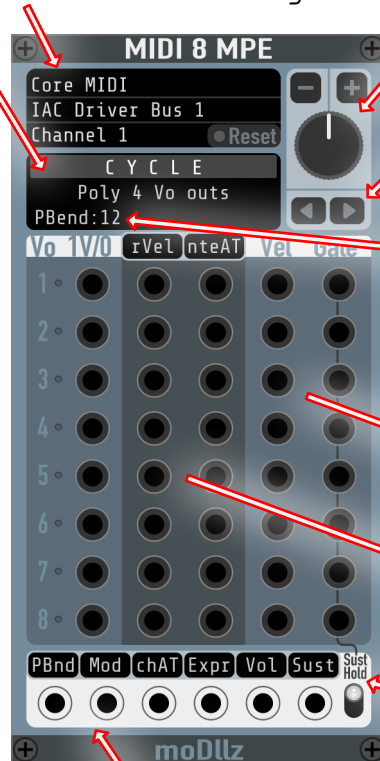
Reset: arriving note uses the first available Vo

Reassign: arriving note uses the first available Vout. On note release, the remaining notes are reassigned starting from the first Vo

Unison: all Voice channels play the latest received note

M.P.E.(MIDI Polyphonic Expression): each Vo handles its own MIDI channel (note + channel pitch bend, Y dimension, Z dimension, vel and gate). Controllers are handled by master channel (notes are ignored on master ch)

M.P.E.Plus: Haken Continuum 14bit Y/Z (Hi Res) mode
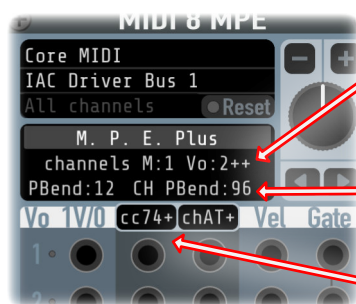
Parameter's value entry

Parameter selection

Internal Pitch Bend directly applied to 1V/0 outs (Pitch Bend from Master channel on M.P.E. mode)(independent from output assignment)

Velocity (with Release Velocity on MPE) and Gate Outputs

Release Velocity and Note Aftertouch Outputs (for non MPE modes)

Sustain (cc64) Gates Hold option (independent from output assignment)

User assignable CCs, 14bit PitchBend or channel AfterTouch. With learn from MIDI option. (default PitchBend, ModWheel, chAfterTouch, Expression, Vol and Sustain)

M.P.E. Midi channels configuration. Master and Vo (note) channels (The number of Vo depends on the sending device)

M.P.E. Voice channel Pitch Bend range (default 96)

M.P.E. Assignable Y and Z dimensions (default cc74 and channel Aftertouch)...on Plus mode Y and Z are fixed to 14bit cc74cc87 and chATcc87