

Synclavier

REGEN

Using Regen with a Velocity-Pressure Keyboard



Partial Volume, Partial Modulation

Original Synclavier II had neither a Partial Volume nor a Partial Modulation control; the loudness of a partial was controlled by the magnitude of the Peak and Sustain levels. In original Synclavier systems, the Peak and Sustain levels started off at 0.0% and were **increased** to bring in the Partial.

Synclavier Regen uses a different envelope generator model. In Regen, the Partial Volume starts off at $-\infty$ (all the way off) and the Peak and Sustain levels start off at 100.0%. To bring a Partial into the mix you raise the Partial Volume above $-\infty$. (Regen reports Partial Volume in dB below peak, so $-\infty$ indicates the Partial is off off; -0.0 dB indicates the Partial is at maximum level).

When using a KBI-1 with Synclavier Regen, a simultaneous press of the Peak and Sustain buttons together to select the Partial Volume or Partial Modulation control.

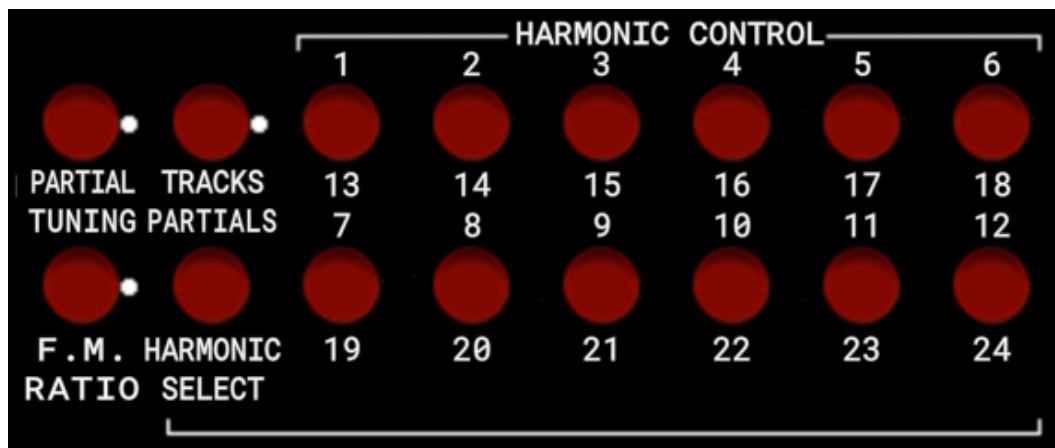


12 Partial

Original Synclavier II had 4 Partial per Timbre; Regen expands that to 12 Partial per Timbre

When using a KBI-1 with Synclavier Regen, the VK Partial Volume button is mapped to a new control that switches between Regen's Tracks mode and its Partial mode.

Temporary removable labels are included with the KBI-1 to aid in learning the new buttons.



Most of the synthesis parameter buttons - Partial Tuning, FM Ratio, Vibrato (etc.) are also linked to their respective Regen parameter.

The Overall Tuning parameter will increment by semitone when the button is held; otherwise it increments by .001 semitone. A double press will round to the nearest octave, then increment by 12 semitones on successive double presses.

Timbre Bank, Timbre Entry, Sequence Recall

The Bank, Entry and Sequence Recall buttons are integrated with the Synclavier Regen library functions.

Additionally, the Write button can be used to save a Timbre to the SD Card. The Library buttons can be used to navigate the Preset and User library lists.