

Cirrus 2

Polyphonic FM Synthesizer

Main Pages

Pressing select will cycle through 3 pages; Carrier, Operator 1 and Operator 2. All knobs and buttons in the white rectangle will apply to the specific page. FM AMT and VOLUME can be adjusted on any page as they are global parameters.

Shift Actions

Any Page:

- Shift + Knob: Apply touch modulation to parameter
- Shift + ENV LOOP: Cycle through 5 noise levels
- Shift + OCTAVE \pm : Change Octave up / down
- Shift + TRANS \pm : Transpose up / down
- Shift + RUN: Start / stop sequencer
- Shift + I-III: Divide / multiply sequencer time
- Shift + Turn MENU Encoder: Set BPM for sequencer

Carrier Page:

- Shift + DT/FM A: Reverb size
- Shift + DF/FM RAT: Reverb mix

Saving Preset or Sequence

- Enter MENU and select Save Preset or Save Seq
- OCTAVE \pm : Move cursor forward / backward
- Turn Encoder: Select character
- Names have a max length of 7 characters

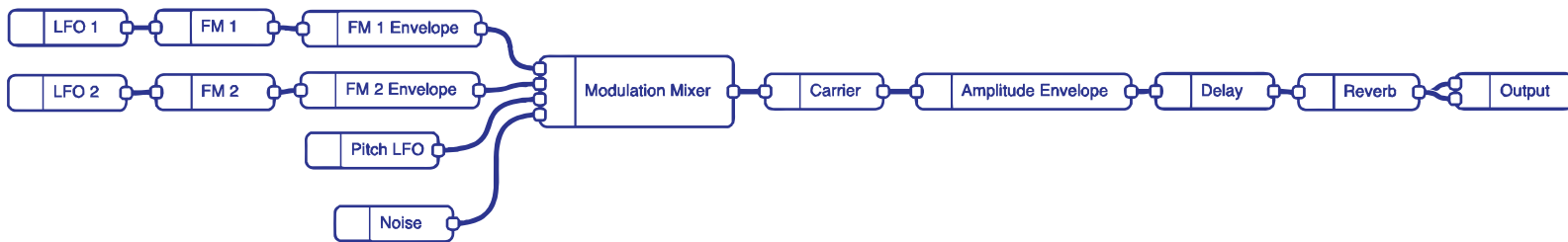
Delete Preset or Sequence

- Enter MENU and select Delete Preset or Delete Seq
- Select Preset or Seq and press encoder button
- If you would like to return to menu without deleting, select an empty slot

Sequencer

- REC button must be pressed to add notes and modulation to sequence step. LED will turn red.
- Sequencer will not accept external MIDI. Only touch pads can enter notes into sequencer.
- If REC is held, the sequence will advance one step after releasing finger(s) from pad. This is handy for quickly adding notes to sequence.
- Any change to parameter will be recorded on sequence step if REC is active.
- Double press REC to enter sequence delete mode (the sequencer led will turn blue). You can then manually scroll through sequence to delete notes and modulation. This can also be done while sequence is running. If you'd like to only delete one step, scroll to the step and double press REC to engage sequence delete mode just for that step.

Voice Structure



MIDI

- MIDI input is possible over USB or TRS-A standard
- TRS to 5 pin MIDI cable not included

MIDI CC	Parameter
1	Master FM
7	Volume
8-12	Amp Envelope
13-17	Operator 1 Envelope
18-22	Operator 2 Envelope
23-25	Envelope Loop: Carrier, Operator 1, Operator 2
26-27	Carrier LFO: Amount, Frequency
28-29	Operator 1 LFO: Amount, Frequency
30-31	Operator 2 LFO: Amount, Frequency
32-33	Delay Time, Delay Feedback
34-35	Reverb Size, Reverb Mix
36-37	Operator 1: FM amount, FM Ratio
38-39	Operator 2: FM amount, FM Ratio
40	Noise Level
After Touch	After touch will act as touch modulation but is not polyphonic