Moog SUB 37 Sequencer Cheat Sheet

RECORD
- set REC mode
- play key(s) mono or duo -phonic, or press REST
- press TIE after entering note(s) to tie to next note(s)

ENTER STEP EDIT MODE
- set SEQ or REC mode
- press BANK + LATCH to enter or exit
- set other than SEQ or REC mode to exit

If, during step editing, the PATTERN knob is set to REC (instead of SEQ), then the selected step also determines the step from which step recording will commence. After the release of all notes, the step is deselected and the sequence is advanced to the next step. The Sub 37 is now ready to record all further notes in the normal fashion for step recording.

CHANGE PAGE
- press BANK + KB OCTAVE < or >

SELECT STEP
- press BANK + PRESET 1-16 first time
- press PRESET 1-16 thereafter
- press BANK to deselect current step

EDIT STEP
- press key(s), mono or duo -phonic
- set mod wheel to desired position (middle = 0)
- press REST or TIE (ties to next note)
- press two step buttons to tie a range
- press PRESET 1-16 + REST to skip step
- press PRESET 1-16 + TIE to toggle ratchet

RATCHET COUNT
- press BANK + BACK/FORTH or INVERT to decrease or increase the ratchet count

SET FIRST AND LAST STEP:
- press PRESET 1-16 + KB OCTAVE < or > to set first or last

ROTATE PATTERN
- press BANK + ARPEGGIATOR RANGE < or > for left or right shift

SEQUENCER DISPLAY >>

use CURSOR and ^ , v to select number of steps

PRESET MENU >> SEQUENCER >>

MOD DST:	SEE PAGE 51
SEQ MOD AMT:	OFF ... 100%
SEQ MOD ONLY:	OFF, ON
MODWHL CTRL:	OFF, ON
RATCHET CNT:	1 - 8

PRESET MENU >> ARPEGGIATOR >>

GATE LENGTH:	OFF ... 100%
CLOCK DIV:	SEE PAGE 52
SWING:	0.0% ... 100.0%
STEP 1 RESET:	OFF, ON
END NOTES:	ONCE, TWICE

GLOABL MENU >> SEQ OPTIONS >>

REF NOTE: FIRST,	MID, C
PHASE RESET:	OFF, ON
LATCH RSTRT:	OFF, ON
DLAY PGM CHG:	OFF, ON
MIDI OUTPUT:	SEQ, KEYS

GLOABL MENU >>

SEQ PG CHASE:	OFF, ON

MIDI MENU >> CLOCK OPTIONS >>

SEND CLOCK:	OFF, ARP, ON
SEND ST/STP:	OFF, ON
FOLLOW SPP:	OFF, ON

Moog SUB 37 Modulation Sources and Destinations

CTRL4 SRC

CC#2 BREATH
FLT EG
AMP EG
LFO 1
LFO 2

MOD SRC

FILTER EG:	default
AMP EG:	Amplitude Envelope Generator
CONST ON:	Constant On
SINE LFO:	Extra Sine Wave LFO
NOISE LFO:	Extra Noise LFO
OSC1 PCH:	Oscillator 1's Pitch
OSC2 PCH:	Oscillator 2's Pitch
SEQ NOTE:	Current Note of the Sequencer
SEQ VEL:	Current Velocity of the Sequencer
SEQ MOD:	Mod Wheel Amount In Sequence Step
PRESSURE:	Current Aftertouch Amount
KB TRACK:	The current Key Tracking value (bi-polar, centered on Note 60, Mid C)
VELOCITY:	Latest Note On velocity

MOD DST

EG TIMES:	Envelope generator times
FILT RES:	Filter Resonance Amount
FILT DRV:	Filter Multidrive Amount
FILT SLP:	Filter poles slope (-6, -12, -18, -24)
F EG AMT:	Filter Envelope Generator Amount
F KB AMT:	Filter Keyboard Tracking Amount
OSC1 LEV:	Oscillator 1 Level
SUB LEV:	Sub Oscillator Level
OSC2 LEV:	Oscillator 2 Level
EXFB LEV:	External Input /Feedback Level
OSC1 ON:	Oscillator 1 ON/OFF Control
SUB ON:	Sub Oscillator ON/OFF Control
OSC2 ON:	Oscillator 2 ON/OFF Control
NOISE ON:	Noise Generator ON/OFF Control
EXFB ON:	External Input/Feedback ON/OFF
ARP RATE:	Arpeggiator Rate ARP
CLKDV:	Arpeggiator Clock Divisions
ARP RNGE:	Arpeggiator Range ARP
BKFD:	Arpeggiator Backwards/Forwards
ARP BFMD:	Arpeggiator Back/Forth Ends
ARP INV:	Arpeggiator Invert
ARP GLEN:	Arpeggiator Gate Length
ARP ON:	Arpeggiator Run/Stop
GLD TIME:	Glide Time
GLD OSC:	Glide Oscillator Assignment
GLD TYPE:	Glide Type (LCR, LCT, or EXP)
GLD GATE:	Glide Gated Control ON/OFF
GLD LGTO:	Glide Legato
GLD ON:	Glide ON/OFF
LFO1CKDV:	LFO 1 Clock Divisions (When Synced)
LFO1RNGE:	LFO 1 Range (LOW, HIGH)
LFO1SYNC:	LFO 1 Arp Sync ON/OFF
LFO1KBRS:	LFO 1 Keyboard Reset ON/OFF
LFO1KBTRK:	LFO 1 Keyboard Tracking Amount
MOD1PAMT:	Mod Bus 1 Pitch Amount
MOD1FAMT:	Mod Bus 1 Filter Amount
MOD1PGMA:	Mod Bus 1 Programmable Dest Amt
MOD1PDST:	Mod Bus 1 Programmable Destination
LFO2CKDV:	LFO 2 Clock Divisions (When Synced)
LFO2RNGE:	LFO 2 Range (LOW, HIGH)
LFO2SYNC:	LFO 2 Arp Sync ON/OFF
LFO2KRST:	LFO 2 Keyboard Reset ON/OFF
LFO2KTRK:	LFO 2 Keyboard Tracking Amount
MOD2PAMT:	Mod Bus 2 Pitch Amount
MOD2FAMT:	Mod Bus 2 Filter Amount
MOD2PGMA:	Mod Bus 2 Programmable Dest Amt
MOD2PDST:	Mod Bus 2 Programmable Dest
OSC1 OCT:	Oscillator 1 Octave (16', 8', 4', 2')
OSC2 SYNC:	Oscillator 2 Hard Sync ON/OFF
OSCKBRST:	Oscillators Keyboard Reset
OSC2 OCT:	Oscillator 2 Octave (16', 8', 4', 2')
OSC2KCTL:	Oscillator 2 Keyboard Control for Duo Mode (DRONE, LOW/HIGH NOTE)
OSC 2 DUO:	Oscillator 2 Duophonic mode ON/OFF
OSC2FREQ:	Oscillator 2 Frequency Offset
OSC2BEAT:	Oscillator 2 Beat Frequency Offset
F EG ATK:	Filter Envelope Attack
F EG DCY:	Filter Envelope Decay
F EG SUS:	Filter Envelope Sustain
F EG REL:	Filter Envelope Release
F EG DLY:	Filter Envelope Delay
F EG HLD:	Filter Envelope Hold
FEG VAMT:	Filter Envelope Velocity
FEG KTRK:	Filter Envelope Key Tracking Amount
FEG MTRG:	Filter Envelope Multi-trigger ON/OFF
FEG RST:	Filter Envelope Reset ON/OFF
FEG SYNC:	Filter Envelope Sync to Arp Clock
FEG LOOP:	Filter Envelope Loop ON/OFF
FEG LTCH:	Filter Envelope Latch ON/OFF
A EG ATK:	Amplitude Envelope Attack
A EG DCY:	Amplitude Envelope Decay
A EG SUS:	Amplitude Envelope Sustain
A EG REL:	Amplitude Envelope Release
A EG DLY:	Amplitude Envelope Delay
A EG HLD:	Amplitude Envelope Hold
AEG VAMT:	Amplitude Envelope Velocity
AEG KTRK:	Amplitude Envelope Key Tracking Amt
AEG MTRG:	Amplitude Envelope Multi-trig ON/OFF
AEG RST:	Amplitude Envelope Reset ON/OFF
AEG SYNC:	Amplitude Envelope Sync to Arp Clock
AEG LOOP:	Amplitude Envelope Loop ON/OFF
AEG LTCH:	Amplitude Envelope Latch ON/OFF
OUT VOL:	Master Volume Level (only for mod dst)
BEND UP:	Pitch Bend Up Max Amount
BEND DOWN:	Pitch Bend Down Max Amount
ARP SWING:	Arpeggiator Swing Amount
LFO1SWNG:	LFO 1 Swing Amount
LFO2SWNG:	LFO 2 Swing Amount
SQMODAMT:	Seq Mod Amount To Destination
F. CUTOFF:	Filter Cutoff Freq (only for seq mod!)
RTCHT CT:	Ratchet Count (1 - 8)
MODWHEEL:	Modulation Wheel (only for seq mod!)