

# STUDIO ELECTRONICS MIDI-MINI INSTRUCTION MANUAL

This manual covers the new features and midi implementation added to the original Minimooog.

## A.) MIDI CONTROLLING SWITCHES:

DYN	DYN	MOD	TCH	TCH	OSC 2
VCA	VCF	VCF	MOD	VCF	SYNC

### 1.) DYN VCA

UP POSITION: Velocity information to the Midi-Mini's voltage controlled amplifiers is received.

DOWN POSITION: It is disabled.

### 2.) DYN VCF

UP POSITION: Velocity information to the Midi-Mini's envelope mod is received. (Sensitivity is adjusted with the DYN VCF control.  
NOTE: As the sensitivity is increased, the sound will become duller. This is because it is waiting for velocity information to open up the filter. Work between the DYN VCF control and the ENV MOD control to achieve the desired standing sound and the full velocity sound. Do this while striking a note on your controlling keyboard at soft and loud velocity levels.)

DOWN POSITION: It is disabled.

### 3.) MOD VCF

UP POSITION: Your mod wheel will control the Midi-Mini's LFOs.  
DOWN POSITION: Your mod wheel will control the Midi-Mini's filter frequency.

NOTE: The MOD MIX control on the Midi-Mini controls the balance between the LFO and the third oscillator as LFO. "0" on the dial being the highest amount of the added LFO and "10" being the highest amount of Oscillator 3.

### 4.) TCH MOD

UP POSITION: The Midi-Mini receives after-touch modulation.  
DOWN POSITION: No after-touch modulation is received.

#### 5.) TCH VCF

UP POSITION: The Midi-Mini's filter frequency is affected by after-touch.

DOWN POSITION: Filter frequency is not affected by after-touch.

#### 6.) OSC 2 SYNC

UP POSITION: Oscillator 2 is hard synced to Oscillator 1.

NOTE: This feature is most effective when you sync Oscillator 2 and set its range to 4'. Then, by turning the Oscillator 2 frequency control, you can achieve some very interesting harmonic filtering effects.

DOWN POSITION: No sync occurs.

### B.) BEND, DYNAMIC VCF, LFO CONTROLS

BEND    DVCF    LFO

#### 1.) BEND

Sets the pitch-bend range from zero to one-octave.

#### 2.) DVCF (Dynamic VCF)

Sets velocity sensitivity to filter ENV MOD.

#### 3.) LFO

Speed control for additional LFO.

### C.) OCTAVE SWITCH

#### 1.) H, L, M

Transposes Midi-Mini up or down one octave.

### D.) MULTIPLE TRIGGER SWITCH

#### 1.) MULT TRIG:

RIGHT POSITION: Filter VCA is re-keyed with last-note priority.

LEFT POSITION: Filter VCA is re-keyed on with staccato strikes only.

## E.) FEATURES ALWAYS RECEIVED

- 1.) PITCH-BEND
- 2.) GLIDE (amount controlled by Glide Control)
- 3.) MIDI VOLUME
- 4.) MIDI CHANNEL (selected by midi channel switch)

**NOTE:** With the exception of the 6 midi-controlling switches in the lower-left corner, all toggle switches operate as follows: ON is to the right, OFF is to the left.

No component has been changed or modified to affect the original analog sound of the beloved Minimoog.

If you have any questions regarding the operation of the Studio Electronics Midi-Mini, feel free to contact us.

STUDIO ELECTRONICS

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