

To display the version number of the Multi-Trak code, press both MIDI mode and MIDI channel at the same time.

When you power up a Multi-Trak with the new firmware, you should see an “8” on the display for a brief moment. To load Factory sounds set “A” as listed in the manual, hold the program 0 switch at power up. You should see a “0” on the display. Release the switch to let the boot continue. To load the same Factory sounds, but in the “B” order, hold the program 1 switch at power up. You should see a “1” on the display. Loading either of the factory sets will overwrite any programs you may have stored, of course. Once you load the factory sounds, they are in battery-backed SRAM. It’s the same as if you had used sysex or tape to load them.

V2.3 supports the following CC numbers. These were based on the Six Trak CC list, so that software for that unit will also work with the Multi-Trak. The Multi-Trak uses more bits to quantize some of the parameters, but the cc values for adjusting them are the same.

- ;2 Osc Coarse Freq
- ;3 Osc Fine Freq
- ;4 Osc Glide Rate
- ;5 Osc LFO Amount
- ;6 Osc Env Amount
- ;7 Osc Env Invert En/Dis
- ;8 Osc Env Attack
- ;9 Osc Env Decay
- ;10 Osc Env Sustain
- ;11 Osc Env Release
- ;12 Osc Saw Wave En/Dis
- ;13 Osc Tri Wave En/Dis
- ;14 Osc Pulse Wave En/Dis
- ;15 Osc Pulse Width
- ;16 Osc PW LFO Mod En/Dis
- ;17 LFO frequency
- ;18 LFO amount
- ;19 LFO Triangle/Square Wave Sel
- ;20 Noise mix
- ;21 Filter cutoff
- ;22 Filter resonance
- ;23 Filter Env Amount
- ;24 Filter Env Invert En/Dis
- ;25 Filter Env Attack
- ;26 Filter Env Decay
- ;27 Filter Env Sustain
- ;28 Filter Env Release
- ;29 Filter LFO Mod En/Dis

;30 Filter keyboard tracking Amt
;31 Filter Triangle Mod Amt
;32 Amp Env Attack
;33 Amp Env Decay
;34 Amp Env Sustain
;35 Amp Env Release
;37 Unison En/Dis

;40 LFO Vel Sens Set
;41 Filter Vel Sens Set
;42 VCA Vel Sens Set
;43 Osc Env Scale Set

Osc Env scale is controlled by CC #43. CC values are 0-127 as usual. This can be used to increase the effect of the oscillator envelope beyond what the original code offered.

Only the top 3 bits of the CC value are used:

- 0: default value, shift right one (SCI code)
- 1: no shift (2X from SCI code)
- 2: shift left (4X from SCI code, what I sent you before)
- 3: shift left twice (8X from SCI code)
- 4-7: shift left three times (16X from SCI code)