

Sequential Circuits Six-trak — MIDI Implementation Chart

| Function | Transmitted | Recognised | Remarks |
|---|-------------------------------|-----------------------------|---|
| BASIC CHANNEL Default: Changed: | 3 (factory default) 1–16 | 3 (factory default) 1–16 | Tx & Rx channel must be the same. Stored in non-volatile memory |
| MODE Default: Messages: Altered: | Mode 3 Mode 1,3,4 ***** | Mode 1 Mode 1,2,3,4 | Mode 1 is factory default—Mode and basic channel stored in non-volatile memory. |
| NOTE NUMBER True Voice: | 36–84 ***** | 0–127 36–96 | |
| VELOCITY Note ON: Note OFF: | X X | X X | |
| AFTERTOUCH Key's: Ch's: | X X | X X | |
| PITCH BEND | O | O | 14 bit Tx resolution |
| CONTROL CHANGE cc 1 cc 2–37 cc 38–119 | O X X | O O X | Modulation wheel All voice VCO/VCF/VCA/LFO/ENV etc parameters |
| PROGRAM CHANGE True#: | O ***** | O (0–99) 0–99 | In Mode 1 & 3, all 6 voices change at once; Mode 4 allows multitimbrality |
| SYSTEM EXCLUSIVE | O | O | Program/seqs dump/load 'Double mode' select (Mode 4 + specify basic channel) Pattern marker (sync with Drumtraks) Enable/disable: Rx & Tx of wheel, of all controllers SCI ID = 01 H Six-Trak ID = 05 H |
| SYSTEM COMMON Song Pos: Song Sel: Tune: | X X X | X X X | |
| SYSTEM REAL TIME Clock: Commands: | O O | O O | For sequencer sync Stop & start only. All Tx are MIDI Thru only. |
| AUX MESSAGES All Sound Off: Reset Controllers: Local ON/OFF: All Notes OFF: Active Sensing: System Reset: | X X X X X X | X X O O X X | |

Mode 1: OMNI ON, POLY
Mode 3: OMNI OFF, POLY

Mode 2: OMNI ON, MONO
Mode 4: OMNI OFF, MONO

O: YES
X: NO

Chart drawn up by David Davis from

Sequential Model 610 Six-Trak MIDIGUIDE, May 1985 (TRAK0_10 firmware) & Addendum, July 1985 (TRAK0_11 firmware)