

## Kenton PRO-2000 MIDI-CV Converter — MIDI Implementation Chart

| Function         |   | Transmitted                | Recognised                               | Remarks   |
|------------------|---|----------------------------|--|---|
| BASIC CHANNEL    | Default: 1 (Channel C)<br>Changed: 1-16   | 1 (Channel C)              | A=1, B=2, C=3<br>D=4, Aux1-6=1-6<br>1-16 | Chan C acts as MIDI filter/channelizer.   |
| MODE             | Default: X<br>Messages: X<br>Altered: *****   | X                          | Mode 3, 4<br>X<br>X                      | Chan A, B and Aux 1-6 are monophonic  |
| NOTE NUMBER      | True Voice: X<br>*****  | X<br>*****                 | 0-127<br>Note 36 = 0V                    | Transposable ±24 semitones,<br>max CV output range -3V to +8V.  |
| VELOCITY         | Note ON: X<br>Note OFF: X   | X<br>X                     | O<br>X                                   | Aux 1-6 value, or LFO depth (Chan A, B, Aux 1-6).   |
| AFTERTOUCH       | Key's: X<br>Ch's: X   | X<br>X                     | X<br>O                                   | Aux 1-6 value, or LFO depth (Chan A, B, Aux 1-6).   |
| PITCH BEND       |   | X                          | O  | Chan A, B, Aux1-6 pitch CVs, Aux 1-6 value, or LFO depth (Chan A, B, Aux 1-6).  |
| CONTROL CHANGE   |   | X                          | O  | cc5 = Chan A&B portamento rate<br>cc64 = Chan A&B hold gate<br><br>Controllers 0-119 assignable to any of:<br>- Aux 1-6 value<br>- LFO depth (Chan A, B, Aux 1-6).<br>- Portamento on/off (Chan A or B)<br><br>Defaults:<br>cc1 = Chan A and B LFO depth<br>cc16 = Aux 1-6 value<br>cc17 = Aux 1-6 LFO depth<br>cc65 = Chan A and B portamento on/off |
| PROGRAM CHANGE   | True#: X<br>*****   | X<br>*****                 | X  |   |
| SYSTEM EXCLUSIVE |   | O                          | O  | Data dumps, Real time parameter editing<br>Kenton ID: 00 20 13H Pro-2000 ID: 02H  |
| SYSTEM COMMON    | Song Pos: X<br>Song Sel: X<br>Tune: X   | X<br>X<br>X                | X<br>X<br>X                              |   |
| SYSTEM REALTIME  | Clock: X<br>Commands: X   | X<br>X                     | O<br>O                                   | For Sync24, arp clock out, LFO sync.<br>For DIN Sync24 & arp clock (Continue config. as ignored or treated as Start)  |
| AUX MESSAGES     | All Sound Off: X<br>Reset Controllers: X<br>Local ON/OFF: X<br>All Notes OFF: X<br>Active Sensing: X<br>System Reset: X | X<br>X<br>X<br>X<br>X<br>X | X<br>O<br>X<br>O<br>X<br>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