



003™ MIDI Mode

Version 7.3.1



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Using MIDI Mode

Overview of MIDI Mode

In MIDI mode, 003 can control hardware MIDI devices and software other than Pro Tools. Each of 003's faders, rotary encoders, and 45 of its switches and the footswitch can be custom programmed to send control data on any continuous controller (0–127) and MIDI channel (1–16). 003 switches can also send MIDI Machine Control (MMC) transport control messages (RW, FF, ST, PL, and RC).

Two banks (A and B) of four presets (1–4) each let you save and recall up to eight unique MIDI maps. Each preset can save custom maps of two pages of supported controls. 003 provides the following default preset maps:

- Standard MIDI Map (MIDI Map A and B, preset 1)
- 003 Map (MIDI Map A and B, preset 2)
- Strike Map (MIDI Map A and B, preset 3)
- Uninitialized Preset (MIDI Map A and B, preset 4)

MIDI mode can be used in any of the following 003 Operating modes:

Pro Tools Mode Use MIDI mode to control a ReWire application (such as Propellerhead's Reason), stand-alone software instrument, or external MIDI device.

⚠ *ReWire-client applications (such as Reason) on Windows will not recognize 003 as a MIDI device (port) while Pro Tools is running. Consequently, to use a ReWire client's "learn" MIDI controller function, you must quit Pro Tools, launch the ReWire-client application as a stand-alone application, and then "learn" 003 controllers. The next time you launch the ReWire-client application with Pro Tools, you can successfully use 003 MIDI mode to control the "learned" parameters in the ReWire-client application.*

Third-Party Mode Use MIDI mode to control your third-party audio application (using the Digidesign ASIO Driver or the Digidesign CoreAudio Driver).

In Standby Mode Use MIDI mode to control an external MIDI device.

MIDI Compatibility

003 supports any device that supports MIDI continuous controller (CC) data. Drivers are provided to use 003 as a MIDI control surface on any supported Windows or Mac computer with virtually any compatible software.

In MIDI mode, 003 sends the same MIDI control data over FireWire and the MIDI Out 1 port. It responds to MIDI data received over FireWire and from the MIDI In port. Be sure that your MIDI cables are correctly connected to any external MIDI device you want to control, or to a MIDI router or MIDI interface (that is also connected to your computer).

Compatibility Information

Digidesign can only assure compatibility and provide support for hardware and software it has tested and approved.

For a list of Digidesign-qualified computers, operating systems, MIDI interfaces, hard drives, third-party devices, and all the latest compatibility information, visit the Digidesign website (www.digidesign.com).

Updating 003 Firmware

To use MIDI mode on 003, you must first download and update your 003's firmware. Visit the Digidesign website (www.digidesign.com) and navigate to the software download page for 003.

To update 003 firmware:

- 1 Be sure that you have already installed Pro Tools and that it is not running.
- 2 Be sure that your 003 is properly connected to your computer and powered on.
- 3 Download the 003 Firmware Update installer from the Digidesign website (www.digidesign.com).
- 4 Once the download is complete, double-click the 003 Firmware Update installer.
- 5 Follow the onscreen instructions for updating 003 firmware.
- 6 When the installation is complete, click OK.
- 7 Launch Pro Tools.
- 8 When prompted to update 003 firmware, click OK. Pro Tools quits automatically after a successful firmware download.
- 9 Re-launch Pro Tools.

After Pro Tools is running, 003's firmware will have been successfully updated.

Selecting MIDI Mode

To select MIDI mode, do one of the following:

- Press the unlit MIDI Map A switch for the MIDI Map A presets (A1–4).

– or –

- Press the unlit MIDI Map B switch for the MIDI Map B presets (B1–4).



MIDI Map switches

When in MIDI mode, the switch LED lights for the selected MIDI Map: A or B.

The last saved (or default) MIDI map is recalled.

To exit MIDI mode:

- Press the lit MIDI Map switch (A or B).

If you edited a MIDI Map preset without saving, you are prompted to save your changes (see “Saving MIDI Map Presets” on page 8).

About Preset Pages

Each 003 MIDI Map preset includes two pages of unique assignments for each mappable fader, rotary encoder, and switch.

For example, the channel 1 fader can be assigned to continuous controller 21 on MIDI channel 1 on page 1 and to continuous controller 37 on MIDI channel 10 on page 2 of the same preset. This lets you use the same controller for two completely different mappings within the same preset.

However, you will typically want to use the same control for related functions (such as using the faders to control volume on MIDI channels 1–8 on page 1 and on MIDI channels 9–16 on page 2).

To switch between pages of a preset:

- In MIDI mode, press the Bank switch. The Bank switch LED is lit when on page 2 and not lit when on page 1 of a preset.



Bank switch

Recalling MIDI Map Presets

To recall a MIDI Map preset (A1–4 or B1–4) from flash memory:

- 1 Press either the MIDI Map A switch or the MIDI Map B switch.
- 2 Press MIDI Recall. The MIDI Recall switch LED flashes.



MIDI Recall switch

The LCD display for the first two channel strips show the number and name of the current MIDI Map preset.

The LCD display for channels 6–8 show three MIDI mode commands: Recall, Save, and Cancel. The commands are selected by pressing the corresponding switches in the Channel View section.

MIDI Recall display

ch 1	ch 2	ch 6	ch 7	ch 8
Preset#	Name			
<i>num</i>	<i>name</i>	Recall	Save	Cancel


3 Scroll through the available presets using the rotary encoder 1.


4 To select the displayed preset, select Recall by pressing the Page Right switch.

5 To recall the selected preset from Flash memory, select Flash by pressing the Dynamics switch.

6 Do one of the following:

- To confirm and load the preset, select OK by pressing the Master Bypass switch (Master Bypass).
- or –
- To cancel without loading the preset, select Cancel by pressing the ESC switch.

 For information on editing preset MIDI maps, see “Editing MIDI Map Presets” on page 6.

 For information on naming and saving presets, see “Naming MIDI Map Presets” on page 8 and “Saving MIDI Map Presets” on page 8.

To exit MIDI Recall mode:

- Press the flashing MIDI Recall switch. 003 exits MIDI Recall mode and the switch LED stops flashing.

Mapping Controls

003 faders, rotary encoders, and switches can be assigned, or *mapped*, to MIDI continuous controllers (CC) and MIDI channels. As many as eight presets (A1–4 and B1–4) can store unique, custom MIDI maps, each with two pages of unique MIDI assignments for each control.

Assignable Controls in MIDI Mode

Faders

Each fader can be mapped to No Assign or any MIDI continuous controller (CC) and MIDI channel. Minimum and maximum MIDI values, as well as custom names, can be specified for each fader.

Rotary Encoders

Each rotary encoder can be mapped to No Assign or any MIDI continuous controller (CC) and MIDI channel. Minimum and maximum MIDI values, as well as custom names, can be specified for each rotary encoder.

Switches

Up to 45 switches and the footswitch on 003 can be mapped to No Assign or any MIDI continuous controller (CC) and MIDI channel. Switches can also be set to MMC transport control messages (Rewind, Fast Forward, Stop, Play, and Record). Custom names can be specified for each switch.

Switches can be set to Momentary or Latch mode (see “Momentary or Latch Mode” on page 7).

The following switches are assignable controllers:

- Channel Mute switches
- Channel Solo switches
- Channel View switches

Channel View switches are also used to navigate, select, and save MIDI mode presets.



Figure 1. Channel View switches

- Console View switches



Console View selectors

- Record Arm switch
- Arrow keys



Arrow keys

- Transport controls

Transport controls are mapped to standard MIDI Machine Control (MMC) messages (RW, FF, ST, PL, and RC) by default, but can be re-assigned to any CC number.



Transport controls

- Footswitch

The following controls are not assignable in MIDI mode:


- Mic/DI Input controls
- Monitor section controls
- Miscellaneous controls
- Automation section switches
- Modifier section switches



Though the Mic/DI Input controls and the Monitor section controls are not assignable in MIDI mode, they continue to function for audio independently of MIDI mode.

Editing MIDI Map Presets

This section provides instructions for editing MIDI controller assignments (mapping) for 003 faders, rotary encoders, and switches.

 *Custom mappings can be saved as presets. Presets can be created, named, and saved before editing controller mappings.*

To enter MIDI Edit mode:

- 1 Select the MIDI Map you want to edit (see “Recalling MIDI Map Presets” on page 3).
- 2 Press the MIDI Edit switch.



MIDI Edit switch

The switch’s LED flashes, and the LCD display shows parameters similar to the following tables (which show default assignments for Fader 1 as an example):

MIDI Edit display, channels 1–4 (Fader 1 example)

ch 1	ch 2	ch 3	ch 4
Select	ctrl	Chan	CC
Fader1		1	7

- The currently selected control (Fader1 by default or the last edited control) is shown in the lower row of channel 1.
- Channel 3 shows the assigned MIDI Channel in the lower row.
- Channel 4 shows the assigned CC value in the lower row.


MIDI Edit display, channels 5–8 (Fader 1 example)

ch 5	ch 6	ch 7	ch 8
LoVal	HiVal	Mode	Name
0	127		Fader1

- The upper row shows the available parameter names for (MIDI) LoVal, HiVal, Mode, and Name.
- The lower row shows the current value (1–127) for LoVal, HiVal, Mode (for switches only), and the current control name (for example, Fader1).

To select a control for MIDI Mapping, do one of the following:

- To scroll through the list of available controls, turn the rotary encoder for channel 1.
 - or –
- Touch the fader or switch that you want to edit.

 *Rotary encoders can only be selected by turning the rotary encoder for channel 1.*

To set the MIDI channel:

- Turn the rotary encoder for channel 3 (Chan) until the channel you want is displayed (1–16).

To set the CC#:

- Turn the rotary encoder for channel 4 (CC#) until the CC value you want is displayed (0–127).

Any control can be set to no assignment (“No Asgn”) by turning the encoder below 0.

For switches, turn the rotary encoder past 127 to select MMC transport control messages: Rewind, Fast Forward, Stop, Play, and Record (RW, FF, ST, PL, and RC).

To set the High and Low MIDI values (controller range):

- 1 Turn the rotary encoder for channel 5 to set a Minimum MIDI Value (0–127).
- 2 Turn the rotary encoder for channel 6 to set a Maximum MIDI Value (0–127).

To name a control:

- 1 Select the control you want to name.
- 2 Turn the rotary encoder for channel 8 (Name). This displays the Name parameters in the LCD.
- 3 Turn the rotary encoder for channel 2 to scroll and select lower-case, upper-case, or numerics for the first character of the custom name.
- 4 When the desired character is displayed, turn the rotary encoder for channel 1 to move to the next character. The cursor flashes for the selected character.
- 5 Repeat steps 3–4 for the remaining characters of the control name.
- 6 When you are done, do one of the following:
 - To confirm the new control name, select OK by pressing the Master Bypass switch.
 - or –
 - To cancel without renaming the control, select Cancel by pressing the ESC switch.

To exit MIDI Edit mode:

- Press the flashing MIDI Edit switch. The MIDI Edit switch LED stops flashing.

You must manually save changes to MIDI Map presets. If you do not, your changes will be lost when you recall a different MIDI Map preset or power off 003. For information on saving presets, see “Saving MIDI Map Presets” on page 8.

Momentary or Latch Mode

Switches can be set to Momentary or Latch mode.

Momentary Mode The specified High MIDI Value (HiVal) is transmitted when the switch is pressed, and the specified Low MIDI Value (LoVal) is transmitted when the switch is released.

Latch Mode The output of the switch toggles between the specified High and Low MIDI values when pressed.

To program a switch for Momentary or Latch mode:

- 1 Enter MIDI Edit mode.
- 2 Select the switch you want to edit.
- 3 Turn the rotary encoder for channel 7 (Mode) to select Latch or Momentary (momentary).

Naming MIDI Map Presets

MIDI Map presets can have custom names of up to 28 characters. This makes it easier to manage multiple presets for different devices.

To name a MIDI Map preset:

- 1 Press the MIDI Map preset switch.
- 2 Select the MIDI Map preset you want to name.
- 3 Select the Preset Name by pressing the Dynamics switch.
- 4 Turn the rotary encoder for channel 2 to scroll and select lower-case, upper-case, or numerics for the first character of the custom name.
- 5 When the desired character is displayed, turn the rotary encoder for channel 1 to move to the next character (its cursor flashes).
- 6 Repeat steps 4–5 for the remaining characters of the preset name.
- 7 When you are done, do one of the following:
 - To confirm the new control name, select OK by pressing the Master Bypass switch.
 - or –
 - To cancel without naming the preset, select Cancel by pressing the ESC switch.
- 8 Save the MIDI Map preset.

Saving MIDI Map Presets

Presets are snapshots of MIDI mapping assignments that can be saved and recalled. You can store up to eight presets (A1–4 and B1–4) to save custom CC mapping and MIDI channel assignment for a variety of devices, with custom names. Presets can be recalled at any time to switch to a different MIDI mapping.

003 presets can be saved to flash memory to save custom mapping of programmable controls, custom names, and all other parameters associated with a MIDI Map presets.

⚠ *Edited presets must be manually saved to flash memory to be able to be recalled later. 003 warns you to save any changed presets before you exit MIDI mode, but it does not automatically save presets as you edit them.*

To save the current preset:

- 1 Press the MIDI Recall switch. The MIDI Recall switch LED flashes.
- 2 Do one of the following:
 - Select Save by pressing the Master Bypass switch. If a preset has been edited, the LCD displays asterisks (**) before and after “SAVE.”
 - or –
 - To cancel, select Cancel by pressing the ESC switch.
- 3 Do one of the following:
 - To confirm and save the preset, select OK by pressing the Master Bypass switch.
 - or –
 - To cancel without saving the preset, select Cancel by pressing the ESC switch.

Factory Default

003 lets you reset any preset to its factory default setting (see “Factory Presets” on page 9).

⚠ *Recalling the default preset overwrites the preset stored in flash memory. To be able to recall the preset currently stored in flash memory, you must save it to a different preset than the one you for which you want to recall the default. For example, if you want to recall the default preset for A1, save the currently loaded preset to A4 first.*

To reset a MIDI Map preset to its factory default setting:

- 1 Enter MIDI mode.
- 2 Press the MIDI Recall switch. The MIDI Recall switch LED flashes.
- 3 Select the MIDI Map preset you want to reset.
- 4 Select Recall by pressing the Page Right switch.
- 5 Select Default by pressing the flashing Insert switch. The Insert switch lights solid.
- 6 Do one of the following:
 - Select OK by pressing the Master Bypass switch. The selected MIDI Map preset is overwritten by its default preset.
 - or –
 - To cancel without overwriting flash memory and the selected preset with its factory default preset, select Cancel by pressing the ESC switch.

Factory Presets

003 comes with factory presets saved in flash memory. Presets A1–4 and B1–4 provide factory preset MIDI Maps for the following:

Standard MIDI Map Use this preset for standard MIDI controller mappings (for example, with a third-party application). See Table 2 on page 10.

003 Map Use this preset to control a ReWire client (such as Reason). See Table 3 on page 16.

Strike Map Use this preset to control Digidesign’s Strike plug-in. See Table 4 on page 22.

Uninitialized Preset Use this preset as a starting point for your own custom mappings. All mappable 003 controls are unassigned.

Standard MIDI Map Preset

Table 2. Default Standard MIDI Map, presets A1 and B1

Controller	MIDI Channel	CC#	Mode	Name	LoVal/HiVal
PAGE 1					
EQ1	1	122	Latch	Local	0–127
Dynmcs1	1	123	Latch	AllOff	0–127
Insert1	1	124	Latch	OmniOn	0–127
PanSnd1	1	125	Latch	OmniOff	0–127
Page <1	1	126	Latch	MonoOn	0–127
Page >1	1	127	Latch	PolyOn	0–127
MstByp1	1	NoAsgn	Latch	MstByp	N/A
Esc1	1	NoAsgn	Latch	Esc	N/A
Slct 1	1	NoAsgn	Latch	Slct 1	N/A
Slct 2	1	NoAsgn	Latch	Slct 2	N/A
Slct 3	1	NoAsgn	Latch	Slct 3	N/A
Slct 4	1	NoAsgn	Latch	Slct 4	N/A
Slct 5	1	NoAsgn	Latch	Slct 5	N/A
Slct 6	1	NoAsgn	Latch	Slct 6	N/A
Slct 7	1	NoAsgn	Latch	Slct 7	N/A
Slct 8	1	NoAsgn	Latch	Slct 8	N/A
Solo 1	1	15	Latch	Solo 1	0–127
Solo 2	2	15	Latch	Solo 2	0–127
Solo 3	3	15	Latch	Solo 3	0–127
Solo 4	4	15	Latch	Solo 4	0–127
Solo 5	5	15	Latch	Solo 5	0–127

Table 2. Default Standard MIDI Map, presets A1 and B1

Controller	MIDI Channel	CC#	Mode	Name	LoVal/HiVal
Solo 6	6	15	Latch	Solo 6	0–127
Solo 7	7	15	Latch	Solo 7	0–127
Solo 8	8	15	Latch	Solo 8	0–127
Mute 1	1	14	Latch	Mute 1	0–127
Mute 2	2	14	Latch	Mute 2	0–127
Mute 3	3	14	Latch	Mute 3	0–127
Mute 4	4	14	Latch	Mute 4	0–127
Mute 5	5	14	Latch	Mute 5	0–127
Mute 6	6	14	Latch	Mute 6	0–127
Mute 7	7	14	Latch	Mute 7	0–127
Mute 8	8	14	Latch	Mute 8	0–127
Encdr1	1	10	N/A	Encdr1	0–127
Encdr2	2	10	N/A	Encdr2	0–127
Encdr3	3	10	N/A	Encdr3	0–127
Encdr4	4	10	N/A	Encdr4	0–127
Encdr5	5	10	N/A	Encdr5	0–127
Encdr6	6	10	N/A	Encdr6	0–127
Encdr7	7	10	N/A	Encdr7	0–127
Encdr8	8	10	N/A	Encdr8	0–127
Fader1	1	7	N/A	Fader1	0–127
Fader2	2	7	N/A	Fader2	0–127
Fader3	3	7	N/A	Fader3	0–127
Fader4	4	7	N/A	Fader4	0–127

Table 2. Default Standard MIDI Map, presets A1 and B1

Controller	MIDI Channel	CC#	Mode	Name	LoVal/HiVal
Fader5	5	7	N/A	Fader5	0–127
Fader6	6	7	N/A	Fader6	0–127
Fader7	7	7	N/A	Fader7	0–127
Fader8	8	7	N/A	Fader8	0–127
REW1	—	MMC RW	Moment	REW	N/A
FF1	—	MMC FF	Moment	FF	N/A
STOP1	—	MMC ST	Moment	STOP	N/A
PLAY1	—	MMC PL	Moment	PLAY	N/A
RECORD1	—	MMC RC	Moment	RECORD	N/A
RTZ1	—	NoAsgn	Moment	RTZ	N/A
Nav Up1	1	102	Moment	Nav Up	0–127
Nav Down1	1	103	Moment	Nav Dn	0–127
Nav Left1	1	104	Moment	Nav L	0–127
Nav Right1	1	105	Moment	Nav R	0–127
Rec Arm1	1	106	Latch	RecArm	0–127
PanMd1	1	107	Latch	Pans	0–127
SndMd1	1	108	Latch	Sends	0–127
InsMd1	1	109	Latch	Insert	0–127
A/F1	1	110	Latch	A/F	0–127
B/G1	1	111	Latch	B/G	0–127
C/H1	1	112	Latch	C/H	0–127
D/I1	1	113	Latch	D/I	0–127
E/J1	1	114	Latch	F/J	0–127

Table 2. Default Standard MIDI Map, presets A1 and B1

Controller	MIDI Channel	CC#	Mode	Name	LoVal/HiVal
Footswitch1	8	11	Moment	Footsw	0–127
PAGE 2					
EQ2	1	122	Latch	Local	0–127
Dynmcs2	1	123	Latch	AllOff	0–127
Insert2	1	124	Latch	OmniOn	0–127
PanSnd2	1	125	Latch	OmniOff	0–127
Page <2	1	126	Latch	MonoOn	0–127
Page >2	1	127	Latch	PolyOn	0–127
MstByp2	1	NoAsgn	Latch	MstByp	N/A
Esc2	1	NoAsgn	Latch	Esc	N/A
Sclt 9	1	NoAsgn	Latch	Sclt 9	N/A
Sclt10	1	NoAsgn	Latch	Sclt 10	N/A
Sclt11	1	NoAsgn	Latch	Sclt 11	N/A
Sclt12	1	NoAsgn	Latch	Sclt 12	N/A
Sclt13	1	NoAsgn	Latch	Sclt 13	N/A
Sclt14	1	NoAsgn	Latch	Sclt 14	N/A
Sclt15	1	NoAsgn	Latch	Sclt 15	N/A
Sclt16	1	NoAsgn	Latch	Sclt 16	N/A
Solo 9	1	15	Latch	Solo 9	0–127
Solo10	2	15	Latch	Solo 10	0–127
Solo11	3	15	Latch	Solo 11	0–127
Solo12	4	15	Latch	Solo 12	0–127
Solo13	5	15	Latch	Solo 13	0–127

Table 2. Default Standard MIDI Map, presets A1 and B1

Controller	MIDI Channel	CC#	Mode	Name	LoVal/HiVal
Solo14	6	15	Latch	Solo 14	0–127
Solo15	7	15	Latch	Solo 15	0–127
Solo16	8	15	Latch	Solo 16	0–127
Mute 9	1	14	Latch	Mute 9	0–127
Mute10	2	14	Latch	Mute 10	0–127
Mute11	3	14	Latch	Mute 11	0–127
Mute12	4	14	Latch	Mute 12	0–127
Mute13	5	14	Latch	Mute 13	0–127
Mute14	6	14	Latch	Mute 14	0–127
Mute15	7	14	Latch	Mute 15	0–127
Mute16	8	14	Latch	Mute 16	0–127
Encdr9	1	10	N/A	Encdr9	0–127
Encdr10	2	10	N/A	Encdr10	0–127
Encdr11	3	10	N/A	Encdr11	0–127
Encdr12	4	10	N/A	Encdr12	0–127
Encdr13	5	10	N/A	Encdr13	0–127
Encdr14	6	10	N/A	Encdr14	0–127
Encdr15	7	10	N/A	Encdr15	0–127
Encdr16	8	10	N/A	Encdr16	0–127
Fader9	1	7	N/A	Fader9	0–127
Fader10	2	7	N/A	Fader10	0–127
Fader11	3	7	N/A	Fader11	0–127
Fader12	4	7	N/A	Fader12	0–127

Table 2. Default Standard MIDI Map, presets A1 and B1

Controller	MIDI Channel	CC#	Mode	Name	LoVal/HiVal
Fader13	5	7	N/A	Fader13	0–127
Fader14	6	7	N/A	Fader14	0–127
Fader15	7	7	N/A	Fader15	0–127
Fader16	8	7	N/A	Fader16	0–127
REW2	—	MMC RW	Moment	REW	N/A
FF2	—	MMC FF	Moment	FF	N/A
STOP2	—	MMC ST	Moment	STOP	N/A
PLAY2	—	MMC PL	Moment	PLAY	N/A
RECORD2	—	MMC RC	Moment	RECORD	N/A
RTZ2	—	NoAsgn	Moment	RTZ	N/A
Nav Up2	1	102	Moment	Nav Up	0–127
Nav Down2	1	103	Moment	Nav Dn	0–127
Nav Left2	1	104	Moment	Nav L	0–127
Nav Right2	1	105	Moment	Nav R	0–127
Rec Arm2	1	106	Latch	RecArm	0–127
PanMd2	1	107	Latch	Pans	0–127
SndMd2	1	108	Latch	Sends	0–127
InsMd2	1	109	Latch	Insert	0–127
A/F2	1	110	Latch	A/F	0–127
B/G2	1	111	Latch	B/G	0–127
C/H2	1	112	Latch	C/H	0–127
D/I2	1	113	Latch	D/I	0–127

Table 2. Default Standard MIDI Map, presets A1 and B1

Controller	MIDI Channel	CC#	Mode	Name	LoVal/HiVal
E/J2	1	114	Latch	F/J	0–127
Footswitch2	8	11	Moment	Footsw	0–127

003 Map Preset

Table 3. Default 003 Map, presets A2 and B2

Controller	MIDI Channel	CC#	Mode	Name	LoVal/HiVal
PAGE 1					
EQ1	1	122	Latch	Local	0–127
Dynmcs1	1	123	Latch	AllOff	0–127
Insert1	1	124	Latch	OmniOn	0–127
PanSnd1	1	125	Latch	OmniOff	0–127
Page <1	1	126	Latch	MonoOn	0–127
Page >1	1	127	Latch	PolyOn	0–127
MstByp1	1	118	Latch	custom	0–127
Esc1	1	119	Latch	custom	0–127
Sclt 1	1	0	Latch	Sclt 1	0–127
Sclt 2	1	1	Latch	Sclt 2	0–127
Sclt 3	1	2	Latch	Sclt 3	0–127
Sclt 4	1	3	Latch	Sclt 4	0–127
Sclt 5	1	4	Latch	Sclt 5	0–127
Sclt 6	1	5	Latch	Sclt 6	0–127
Sclt 7	1	6	Latch	Sclt 7	0–127
Sclt 8	1	NoAsgn	N/A	Sclt 8	N/A

Table 3. Default 003 Map, presets A2 and B2

Controller	MIDI Channel	CC#	Mode	Name	LoVal/HiVal
Solo 1	1	62	Latch	Solo 1	0–127
Solo 2	1	63	Latch	Solo 2	0–127
Solo 3	1	64	Latch	Solo 3	0–127
Solo 4	1	65	Latch	Solo 4	0–127
Solo 5	1	66	Latch	Solo 5	0–127
Solo 6	1	67	Latch	Solo 6	0–127
Solo 7	1	68	Latch	Solo 7	0–127
Solo 8	1	69	Latch	Solo 8	0–127
Mute 1	1	78	Latch	Mute 1	0–127
Mute 2	1	79	Latch	Mute 2	0–127
Mute 3	1	80	Latch	Mute 3	0–127
Mute 4	1	81	Latch	Mute 4	0–127
Mute 5	1	82	Latch	Mute 5	0–127
Mute 6	1	83	Latch	Mute 6	0–127
Mute 7	1	84	Latch	Mute 7	0–127
Mute 8	1	85	Latch	Mute 8	0–127
Encdr1	1	46	N/A	Encdr1	0–127
Encdr2	1	47	N/A	Encdr2	0–127
Encdr3	1	48	N/A	Encdr3	0–127
Encdr4	1	49	N/A	Encdr4	0–127
Encdr5	1	50	N/A	Encdr5	0–127
Encdr6	1	51	N/A	Encdr6	0–127
Encdr7	1	52	N/A	Encdr7	0–127

Table 3. Default 003 Map, presets A2 and B2

Controller	MIDI Channel	CC#	Mode	Name	LoVal/HiVal
Encdr8	1	53	N/A	Encdr8	0–127
Fader1	1	16	N/A	Fader1	0–127
Fader2	1	17	N/A	Fader2	0–127
Fader3	1	18	N/A	Fader3	0–127
Fader4	1	19	N/A	Fader4	0–127
Fader5	1	20	N/A	Fader5	0–127
Fader6	1	21	N/A	Fader6	0–127
Fader7	1	22	N/A	Fader7	0–127
Fader8	1	23	N/A	Fader8	0–127
REW1	—	MMC RW	Moment	REW	N/A
FF1	—	MMC FF	Moment	FF	N/A
STOP1	—	MMC ST	Moment	STOP	N/A
PLAY1	—	MMC PL	Moment	PLAY	N/A
RECORD1	—	MMC RC	Moment	RECORD	N/A
RTZ1	—	115	Moment	RTZ	N/A
Nav Up1	1	102	Moment	Nav Up	0–127
Nav Down1	1	103	Moment	Nav Dn	0–127
Nav Left1	1	104	Moment	Nav L	0–127
Nav Right1	1	105	Moment	Nav R	0–127
Rec Arm1	1	106	Latch	RecArm	0–127
PanMd1	1	107	Latch	Pans	0–127
SndMd1	1	108	Latch	Sends	0–127
InsMd1	1	109	Latch	Insert	0–127

Table 3. Default 003 Map, presets A2 and B2

Controller	MIDI Channel	CC#	Mode	Name	LoVal/HiVal
A/F1	1	110	Latch	A/F	0–127
B/G1	1	111	Latch	B/G	0–127
C/H1	1	112	Latch	C/H	0–127
D/I1	1	113	Latch	D/I	0–127
E/J1	1	114	Latch	F/J	0–127
Footswitch1	1	94	Moment	Footsw	0–127
PAGE 2					
EQ2	1	122	Latch	Local	0–127
Dynmcs2	1	123	Latch	AllOff	0–127
Insert2	1	124	Latch	OmniOn	0–127
PanSnd2	1	125	Latch	OmniOff	0–127
Page <2	1	126	Latch	MonoOn	0–127
Page >2	1	127	Latch	PolyOn	0–127
MstByp2	1	NoAsgn	Latch	MstByp	0–127
Esc2	1	NoAsgn	Latch	Esc	0–127
Sclt 9	1	NoAsgn	Latch	Sclt 9	0–127
Sclt10	1	NoAsgn	Latch	Sclt 10	0–127
Sclt11	1	NoAsgn	Latch	Sclt 11	0–127
Sclt12	1	NoAsgn	Latch	Sclt 12	0–127
Sclt13	1	NoAsgn	Latch	Sclt 13	0–127
Sclt14	1	NoAsgn	Latch	Sclt 14	0–127
Sclt15	1	NoAsgn	Latch	Sclt 15	0–127
Sclt16	1	NoAsgn	Latch	Sclt 16	0–127

Table 3. Default 003 Map, presets A2 and B2

Controller	MIDI Channel	CC#	Mode	Name	LoVal/HiVal
Solo 9	1	15	Latch	Solo 9	0–127
Solo10	2	15	Latch	Solo 10	0–127
Solo11	3	15	Latch	Solo 11	0–127
Solo12	4	15	Latch	Solo 12	0–127
Solo13	5	15	Latch	Solo 13	0–127
Solo14	6	15	Latch	Solo 14	0–127
Solo15	7	15	Latch	Solo 15	0–127
Solo16	8	15	Latch	Solo 16	0–127
Mute 9	1	14	Latch	Mute 9	0–127
Mute10	2	14	Latch	Mute 10	0–127
Mute11	3	14	Latch	Mute 11	0–127
Mute12	4	14	Latch	Mute 12	0–127
Mute13	5	14	Latch	Mute 13	0–127
Mute14	6	14	Latch	Mute 14	0–127
Mute15	7	14	Latch	Mute 15	0–127
Mute16	8	14	Latch	Mute 16	0–127
Encdr9	1	10	N/A	Encdr9	0–127
Encdr10	2	10	N/A	Encdr10	0–127
Encdr11	3	10	N/A	Encdr11	0–127
Encdr12	4	10	N/A	Encdr12	0–127
Encdr13	5	10	N/A	Encdr13	0–127
Encdr14	6	10	N/A	Encdr14	0–127
Encdr15	7	10	N/A	Encdr15	0–127

Table 3. Default 003 Map, presets A2 and B2

Controller	MIDI Channel	CC#	Mode	Name	LoVal/HiVal
Encdr16	8	10	N/A	Encdr16	0–127
Fader9	1	7	N/A	Fader9	0–127
Fader10	2	7	N/A	Fader10	0–127
Fader11	3	7	N/A	Fader11	0–127
Fader12	4	7	N/A	Fader12	0–127
Fader13	5	7	N/A	Fader13	0–127
Fader14	6	7	N/A	Fader14	0–127
Fader15	7	7	N/A	Fader15	0–127
Fader16	8	7	N/A	Fader16	0–127
REW2	—	MMC RW	Moment	REW	N/A
FF2	—	MMC FF	Moment	FF	N/A
STOP2	—	MMC ST	Moment	STOP	N/A
PLAY2	—	MMC PL	Moment	PLAY	N/A
RECORD2	—	MMC RC	Moment	RECORD	N/A
RTZ2	1	NoAsgn	Moment	RTZ	N/A
Nav Up2	1	102	Moment	Nav Up	0–127
Nav Down2	1	103	Moment	Nav Dn	0–127
Nav Left2	1	104	Moment	Nav L	0–127
Nav Right2	1	105	Moment	Nav R	0–127
Rec Arm2	1	106	Latch	RecArm	0–127
PanMd2	1	107	Latch	Pans	0–127
SndMd2	1	108	Latch	Sends	0–127
InsMd2	1	109	Latch	Insert	0–127

Table 3. Default 003 Map, presets A2 and B2

Controller	MIDI Channel	CC#	Mode	Name	LoVal/HiVal
A/F2	1	110	Latch	A/F	0–127
B/G2	1	111	Latch	B/G	0–127
C/H2	1	112	Latch	C/H	0–127
D/I2	1	113	Latch	D/I	0–127
E/J2	1	114	Latch	F/J	0–127
Footswitch2	8	11	Moment	Footsw	0–127

Strike Map Preset

Table 4. Default Strike Map, presets A3 and B3

Controller	MIDI Channel	CC#	Mode	Name	LoVal/HiVal
PAGE 1					
EQ1	2	80	Latch	MstrEQ	0–127
Dynmcs1	2	81	Latch	MstrDyn	0–127
Insert1	2	82	Latch	Jam	0–127
PanSnd1	2	83	Latch	Surrnd	0–127
Page <1	2	100	Moment	Scrol<	0–127
Page >1	2	101	Moment	Scrol>	0–127
MstByp1	2	79	Latch	MstFdr	0–127
Esc1	2	64	Latch	Latch	0–127
Slct 1	2	20	Latch	Ins 1	0–127
Slct 2	2	21	Latch	Ins 2	0–127
Slct 3	2	22	Latch	Ins 3	0–127
Slct 4	2	23	Latch	Ins 4	0–127

Table 4. Default Strike Map, presets A3 and B3

Controller	MIDI Channel	CC#	Mode	Name	LoVal/HiVal
Sclt 5	2	24	Latch	Ins 5	0–127
Sclt 6	2	25	Latch	Ins 6	0–127
Sclt 7	2	26	Latch	Ins 7	0–127
Sclt 8	2	27	Latch	Ins 8	0–127
Solo 1	2	48	Latch	Solo 1	0–127
Solo 2	2	49	Latch	Solo 2	0–127
Solo 3	2	50	Latch	Solo 3	0–127
Solo 4	2	51	Latch	Solo 4	0–127
Solo 5	2	52	Latch	Solo 5	0–127
Solo 6	2	53	Latch	Solo 6	0–127
Solo 7	2	54	Latch	Solo 7	0–127
Solo 8	2	55	Latch	Solo 8	0–127
Mute 1	2	63	Latch	Mute 1	0–127
Mute 2	2	85	Latch	Mute 2	0–127
Mute 3	2	86	Latch	Mute 3	0–127
Mute 4	2	87	Latch	Mute 4	0–127
Mute 5	2	88	Latch	Mute 5	0–127
Mute 6	2	89	Latch	Mute 6	0–127
Mute 7	2	90	Latch	Mute 7	0–127
Mute 8	2	91	Latch	Mute 8	0–127
Encdr1	2	110	N/A	Pan 1	0–127
Encdr2	2	111	N/A	Pan 2	0–127
Encdr3	2	112	N/A	Pan 3	0–127

Table 4. Default Strike Map, presets A3 and B3

Controller	MIDI Channel	CC#	Mode	Name	LoVal/HiVal
Encdr4	2	113	N/A	Pan 4	0–127
Encdr5	2	114	N/A	Pan 5	0–127
Encdr6	2	115	N/A	Pan 6	0–127
Encdr7	2	116	N/A	Pan 7	0–127
Encdr8	2	117	N/A	Pan 8	0–127
Fader1	2	74	N/A	Vol 1	0–127
Fader2	2	71	N/A	Vol 2	0–127
Fader3	2	91	N/A	Vol 3	0–127
Fader4	2	93	N/A	Vol 4	0–127
Fader5	2	73	N/A	Vol 5	0–127
Fader6	2	72	N/A	Vol 6	0–127
Fader7	2	5	N/A	Vol 7	0–127
Fader8	2	84	N/A	Vol 8	0–127
REW1	—	MMC RW	Moment	REW	N/A
FF1	—	MMC FF	Moment	FF	N/A
STOP1	—	MMC ST	Moment	STOP	N/A
PLAY1	—	MMC PL	Moment	PLAY	N/A
RECORD1	—	MMC RC	Moment	RECORD	N/A
RTZ1	—	NoAsgn	Moment	NoAsgn	N/A
Nav Up1	2	NoAsgn	Latch	NoAsgn	N/A
Nav Down1	2	NoAsgn	Latch	NoAsgn	N/A
Nav Left1	2	NoAsgn	Latch	NoAsgn	N/A
Nav Right1	2	NoAsgn	Latch	NoAsgn	N/A

Table 4. Default Strike Map, presets A3 and B3

Controller	MIDI Channel	CC#	Mode	Name	LoVal/HiVal
Rec Arm1	2	NoAsgn	Latch	NoAsgn	N/A
PanMd1	2	NoAsgn	Latch	NoAsgn	N/A
SndMd1	2	NoAsgn	Latch	NoAsgn	N/A
InsMd1	2	NoAsgn	Latch	NoAsgn	N/A
A/F1	2	NoAsgn	Latch	NoAsgn	N/A
B/G1	2	NoAsgn	Latch	NoAsgn	N/A
C/H1	2	NoAsgn	Latch	NoAsgn	N/A
D/I1	2	NoAsgn	Latch	NoAsgn	N/A
E/J1	2	NoAsgn	Latch	NoAsgn	N/A
Footswitch1	2	94	Moment	Footsw	0–127
PAGE 2					
EQ2	2	80	Latch	MstrEQ	0–127
Dynmcs2	2	81	Latch	MstDyn	0–127
Insert2	2	82	Latch	Jam	0–127
PanSnd2	2	83	Latch	Surrnd	0–127
Page <2	2	100	Moment	Scrol<	0–127
Page >2	2	101	Moment	Scrol>	0–127
MstByp2	2	79	Latch	MstFdr	0–127
Esc2	2	64	Latch	Latch	0–127
Slct 9	2	28	Latch	Ins 9	0–127
Slct10	2	29	Latch	Ins 10	0–127
Slct11	2	30	Latch	Ins 11	0–127
Slct12	2	31	Latch	Ins 12	0–127

Table 4. Default Strike Map, presets A3 and B3

Controller	MIDI Channel	CC#	Mode	Name	LoVal/HiVal
Slct13	2	35	Latch	Ins OH	0–127
Slct14	2	41	Latch	Ins Rm	0–127
Slct15	2	46	Latch	Ins TB	0–127
Slct16	2	47	Latch	Ins Ms	0–127
Solo 9	2	56	Latch	Solo 9	0–127
Solo10	2	57	Latch	Solo10	0–127
Solo11	2	58	Latch	Solo11	0–127
Solo12	2	59	Latch	Solo12	0–127
Solo13	2	60	Latch	SoloOH	0–127
Solo14	2	61	Latch	SoloRm	0–127
Solo15	2	62	Latch	SoloTB	0–127
Solo16	2	NoAsgn	Latch	NoAsn	N/A
Mute 9	2	103	Latch	Mute 9	0–127
Mute10	2	104	Latch	Mute10	0–127
Mute11	2	105	Latch	Mute11	0–127
Mute12	2	106	Latch	Mute12	0–127
Mute13	2	107	Latch	MuteOH	0–127
Mute14	2	108	Latch	MuteRm	0–127
Mute15	2	109	Latch	MuteTB	0–127
Mute16	2	NoAssign	Latch	NoAsn	N/A
Encdr9	2	118	N/A	Pan 9	0–127
Encdr10	2	119	N/A	Pan 10	0–127
Encdr11	2	98	N/A	Pan 11	0–127

Table 4. Default Strike Map, presets A3 and B3

Controller	MIDI Channel	CC#	Mode	Name	LoVal/HiVal
Encdr12	2	99	N/A	Pan 12	0–127
Encdr13	2	9	N/A	OH Wid	0–127
Encdr14	2	14	N/A	Rm Wid	0–127
Encdr15	2	15	N/A	TB Drv	0–127
Encdr16	2	75	N/A	ClcMic	0–127
Fader9	2	24	N/A	Vol 9	0–127
Fader10	2	25	N/A	Vol 10	0–127
Fader11	2	26	N/A	Vol 11	0–127
Fader12	2	27	N/A	Vol 12	0–127
Fader13	2	76	N/A	Overhd	0–127
Fader14	2	92	N/A	Room	0–127
Fader15	2	95	N/A	TkBack	0–127
Fader16	2	7	N/A	Master	0–127
REW2	—	MMC RW	Moment	REW	N/A
FF2	—	MMC FF	Moment	FF	N/A
STOP2	—	MMC ST	Moment	STOP	N/A
PLAY2	—	MMC PL	Moment	PLAY	N/A
RECORD2	—	MMC RC	Moment	RECORD	N/A
RTZ2	2	NoAsgn	Moment	NoAsn	N/A
Nav Up2	2	NoAsgn	Latch	NoAsn	N/A
Nav Down2	2	NoAsgn	Latch	NoAsn	N/A
Nav Left2	2	NoAsgn	Latch	NoAsn	N/A
Nav Right2	2	NoAsgn	Latch	NoAsn	N/A

Table 4. Default Strike Map, presets A3 and B3

Controller	MIDI Channel	CC#	Mode	Name	LoVal/HiVal
Rec Arm2	2	NoAsgn	Latch	NoAsn	N/A
PanMd2	2	NoAsgn	Latch	NoAsn	N/A
SndMd2	2	NoAsgn	Latch	NoAsn	N/A
InsMd2	2	NoAsgn	Latch	NoAsn	N/A
A/F2	2	NoAsgn	Latch	NoAsn	N/A
B/G2	2	NoAsgn	Latch	NoAsn	N/A
C/H2	2	NoAsgn	Latch	NoAsn	N/A
D/I2	2	NoAsgn	Latch	NoAsn	N/A
E/J2	2	NoAsgn	Latch	NoAsn	N/A
Footswitch2	2	94	Moment	Footsw	N/A



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