



# DONNER DMK-25 MIDI Keyboard Controller Owner's Manual

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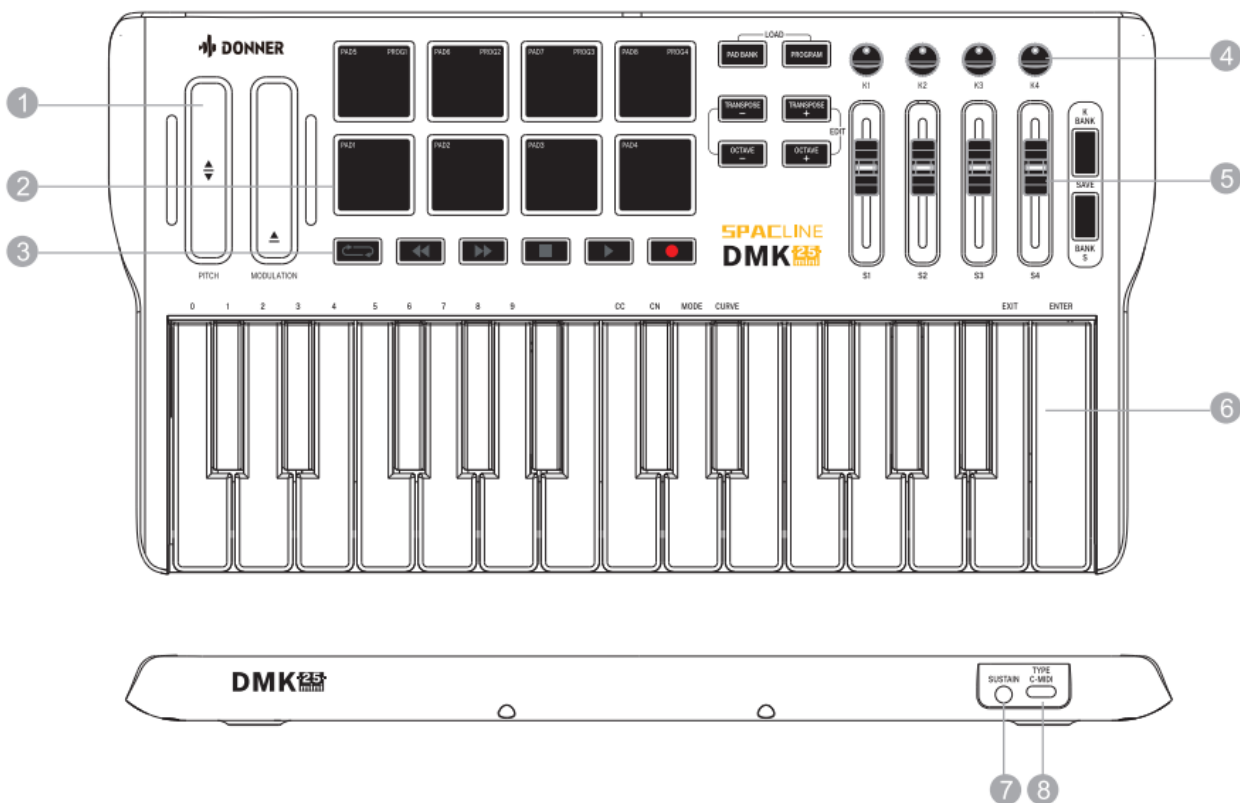
### PACKAGE INCLUDES

- DMK-25 midi keyboard
- A standard USB cable
- Owner's Manual

## CONNECTABLE SOFTWARE

- Cubase/Nuendo
- audition
- Cakewalk/Sonar
- Pro tools
- FI stuido
- Garageband
- Logic
- Kontakt
- Reaper
- Reason
- Waveform

## FEATURE



### PITCH/MODULATION

Assignable Touch Bar, can be assigned to send Control Change message (hereinafter called the 'CC') or Pitch Bend Change message (hereinafter called the 'Pitch'). The MIDI Channel is assignable for each of them . The range is 0-16. 0 is the Global channel, which will follow the Keyboard's channel. 1-16 is the standard MIDI channel.

### PAD

Assignable PAD, can be assigned to send Note Change message (hereinafter called the 'Note') or Program Change message (hereinafter called the 'PC'). Use the [PAD Bank] to switch Bank A or Bank B. Use the [PROGRAM] to switch the pads to send Note or PC (PROGRAM CHANGE) message. You can change the PC signal to be emitted through the editor. The MIDI Channel is assignable for each of them . The range is 0-16 (the same as the Touch Bar).

## TRANSPORT BUTTON

- Assignable Buttons, can be assigned to send CC messages.
- The MIDI Channel is assignable for each of them. The range is 0-16 (the same as the Touch Bar).
- The Buttons have 2 Modes, 0 for Toggle, 1 for Momentary.
  - Toggle: The button “latches”; it sends its message continuously when it is first pressed and stops sending it when it is pressed a second time.
  - Momentary: The button sends its message while being pressed and stops sending it when it is released.

## KI-K4

- Assignable Knobs, can be assigned to send CC messages.
- Use the [K Bank] to switch Bank A or Bank B.
- The MIDI Channel is assignable for each of them . The range is 0-16 (the same as the Touch Bar).

## S1-S4

- Assignable Sliders, can be assigned to send CC messages.
- Use the [S Bank] to switch Bank A or Bank B.
- The MIDI Channel is assignable for each of them .The range is 0-16 (the same as the Touch Bar).

## KEYBOARD

- The MIDI Channel is assignable, The range is 1-16;
- 4 touch Curve, The range is 0-3;
- Use the [TRANPOSE +/-] to change the pitch up/down by semi-tone, the range is -12-12. Press the [TRANPOSE +] and the [TRANPOSE -] at the same time will set the transpose to 0;
- Use the [OCTAVE +/-] to change the pitch up/down by octave, the range is -3-3 .Press the [OCTAVE +] and the [OCTAVE -] at the same time will set the octave to 0;
- Multi-Function for EDIT,

## SUSTAIN

- The sustain pedal interface can be connected to the pedal to achieve the sustain function.  
The CC and CN values can also be modified via the editor.
- The MIDI Channel is assignable, The range is 0-16 (the same as the Touch Bar)

## USB INTERFACE

- The interface type is TYPE C, use a standard USB cable to connect to the computer, and connect the DAW software to load the audio source can be used.
- Note that when the connected device interface is not the usual USB A port, you need to use an adapter cable with OTG function to transfer.
- Power Supply: USB SUPPLY : 5V 100mA

## SAVE/LOAD

### Note:

Every time the DMK25 is turned on, the settings in the RAM registers will be read.

If you need to use the custom settings PROG1-PROG4, you need to use the [LOAD] function to load them.

Every time after editing DMK25, you need to use the [SAVE] function to save.

4 Program Presets, PROG1-PROG4.

- **LOAD**
- Press [PAD BANK] and [PROGRAM] at the same time to enter the Loading state, the LED of [PAD BANK] and [PROGRAM] blinking, press PROG1-PROG4 you want to load the program preset, the PROG you press will lights if this PROG is not empty.
- It will exit the loading state 3 seconds later after you press(or not press) one PROG, or you can press [PAD BANK] or [PROGRAM] to exit the loading state quickly.
- **SAVE**
- Press [K BANK] and [S BANK] at the same time to enter the Saving state, the LED of [K BANK] and [S BANK] blinking, press PROG1-PROG4 you want to save the parameter, the PROG you press will lights.
- It will exit the saving state 3 second later after you press(or not press) one PROG, or you can press [K BANK] or [S BANK] to exit the saving state quickly.

## EDIT

Press {TRANSPPOSE +/-} and [OCTAVE +/-] at the same time to enter the Edit state , the LED of {TRANSPPOSE +/-} and [OCTAVE +/-] blinking.

### After entering EDIT mode, the operation steps are:

First, select the content to be modified (CC, CN, MODE, CURVE, etc., the operation can be switched with each other, switching will save the previously entered value);

Then select the object to be modified (such as touch bar, strike pad, keyboard, knob, etc., the operation can be switched with each other, switching will save the previously entered value);

Then in the keyboard area, enter corresponding value in the keyboard area. When all edits are completed, click [EXIT] or [ENTER] to cancel or store the edits.

### CC(ASSIGN):

- Assign each unit(Touch Bar, PAD, Button, Knob, Slider, Pedal, Keyboard)'s number of the CC(or Note, or PC) message.
- Press [CC] to enter CCAssignment state, choose one unit you want to assign, by the press or move it , the LED beside it will light):
  - if you choose K1-K4, the | RANSPOSE +/-] blink;
  - if S1-S4, the | RANSPOSE -] blink;
  - if PEDAL, the [OCTAVE +/-] blink; if the Keyboard, the [OCTAVE -] blink
- Use the number key 0-9 to enter the number like this way: 000, 001, 002,.....127.
- Choose another unit you want to assign one by one before EXIT or ENTER

### CN(CHANNEL):

- Assign each unit's channel.

- Press [CN] to enter ChannelAssignment state, choose one unit you want to assign, the same as above.
- Press any blank key (the key without any function on it ) of the Keyboard to choose the Keyboard.
- Use the number key 0-9 to enter the number like this way: 00, 01, 01, ..... 16.
- Choose another unit you want to assign one by one before EXIT or ENTER

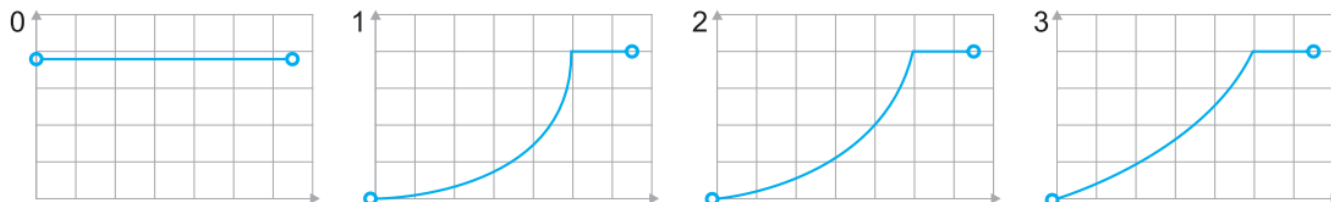
#### MODE:

- Assign the mode of the Buttons.
- Press [MODE] to enter Mode Assignment state, choose one button you want to assign.
- Use the number key 0-1 to enter the number like this way: 0 or 1.0 for Toggle, 1 for Momentary.
- Choose another button you want to assign one by one before EXIT or ENTER

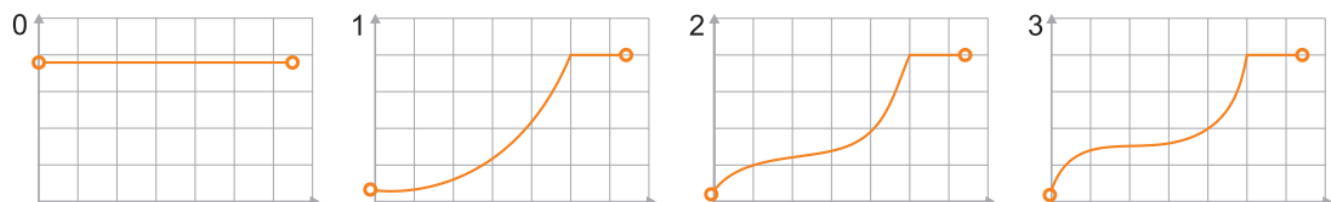
#### CURVE:

- Assign the touch curve of PAD or Keyboard.
- Press [CURVE] to enter Curve Assignment state, choose PAD or Keyboard you want to assign.
- Use the number key 0-4 to enter the number like this way: 0,1,. .....4.

#### Hitting Pad Strength Curve



#### Keyboard Force Curve



#### EXIT:

Exit the EDIT state without any change.

#### ENTER:

Exit the EDIT state with the change.

#### ASSIGNABLE UNIT LIST(Native)

The following table shows the default parameters for each module of the machine based on Standard MIDI, listing the range of settings available for each module CC and CN and their default values.

Unit	Channel Range	Default Channel	Assign Range	Default Assign
PITCH	0-16	0 (Global)	0-128	128 (Pitch)
MODULATION	0-16	0 (Global)	0-128	1 (Modulation)
PAD1 (NOTE)(BANK A)	0-16	10 (Drum)	0-127	36 (Bass Kit)
PAD2 (NOTE)(BANK A)	0-16	10 (Drum)	0-127	38 (Snare)
PAD3 (NOTE)(BANK A)	0-16	10 (Drum)	0-127	42 (Closed Hi-Hat)
PAD4 (NOTE)(BANK A)	0-16	10 (Drum)	0-127	46 (Open Hi-Hat)
PAD5 (NOTE)(BANK A)	0-16	10 (Drum)	0-127	49 (Crash Cymbal)
PAD6 (NOTE)(BANK A)	0-16	10 (Drum)	0-127	45 (Low Tom)
PAD7 (NOTE)(BANK A)	0-16	10 (Drum)	0-127	41 (Floor Tom)
PAD8 (NOTE)(BANK A)	0-16	10 (Drum)	0-127	51 (Ride Cymbal)
PAD1 (NOTE)(BANK B)	0-16	10 (Drum)	0-127	36 (Bass Kit)
PAD2 (NOTE)(BANK B)	0-16	10 (Drum)	0-127	38 (Side Stick)
PAD3 (NOTE)(BANK B)	0-16	10 (Drum)	0-127	42 (Closed Hi-Hat)

PAD4 (NOTE)(BANK B)	0-16	10 (Drum)	0-127	46 (Open Hi-Hat)
PAD5 (NOTE)(BANK B)	0-16	10 (Drum)	0-127	49 (Crash Cymbal)
PAD6 (NOTE)(BANK B)	0-16	10 (Drum)	0-127	45 (Low Tom)
PAD7 (NOTE)(BANK B)	0-16	10 (Drum)	0-127	41 (Floor Tom)
PAD8 (NOTE)(BANK B)	0-16	10 (Drum)	0-127	51 (Ride Cymbal)
PAD1-PAD8(PC)(BANK A/B)	0-16	0 (Global)	0-127	0-15
BUTTONS	0-16	1	0-127	15-20
K1 (BANK A)	0-16	0 (Global)	0-127	10 (Pan)
K2 (BANK A)	0-16	0 (Global)	0-127	91 (Reverb)
K3 (BANK A)	0-16	0 (Global)	0-127	93 (Chorus)
K4 (BANK A)	0-16	0 (Global)	0-127	73 (Attack)
K1 (BANK B)	0-16	0 (Global)	0-127	75 (Decay)
K2 (BANK B)	0-16	0 (Global)	0-127	72 (Release)
K3 (BANK B)	0-16	0 (Global)	0-127	74 (Cutoff}
K4 (BANK B)	0-16	0 (Global)	0-127	71 (Resonance)

S1-S4 (BANK A/B)	0-16	1-8	0-127	7 (Volume)
PEDAL	0-16	0 (Global)	0-127	64 (Sustain)
KEYBOARD	1-16	1		

## ASSIGNABLE UNIT LIST

The table below shows the menu corresponding to the CC value of the controller in the standard MIDI protocol. For example, changing the CC of a control unit, such as knob K1, to 7 will allow knob K1 to perform the function of controlling the volume of its channel. Or changing the CC of a control unit, such as knob K1, to 11 will allow knob K1 to control the expression output. Other similarly.

NO.	DEFINITION	VALUE RANGE
0	(MSB) BANK SELECT	0-127
1	(MSB) MODULATION	0-127
2	(MSB) BREATH MSB	0-127
3	(MSB) UNDEFINED	0-127
4	(MSB) FOOT CONTROLLER	0-127
5	(MSB) PORTAMENTO TIME	0-127
6	(MSB) DATA ENTRY	0-127
7	(MSB) CHANNEL VOLUME	0-127



8	(MSB) BALANCE	0-127
9	(MSB) UNDEFINED	0-127
10	(MSB) PAN	0-127
11	(MSB) EXPRESSION	0-127
12	(MSB) EFFECT CONTROL 1	0-127
13	(MSB) EFFECT CONTROL 2	0-127
14-15	(MSB) UNDEFINED	0-127
16	(MSB) GENERAL PURPOSE CONTROLLER 1	0-127
17	(MSB) GENERAL PURPOSE CONTROLLER 2	0-127
18	(MSB) GENERAL PURPOSE CONTROLLER 3	0-127
19	(MSB) GENERAL PURPOSE CONTROLLER 4	0-127
20-31	(MSB) UNDEFINED	0-127
32	(LSB) BANK SELECT	0-127
33	(LSB) MODULATION	0-127
34	(LSB) BREATH	0-127

35	(LSB) UNDEFINED	0-127
36	(LSB) FOOT CONTROLLER	0-127
37	(LSB) PORTAMENTO TIME	0-127
38	(LSB) DATA ENTRY	0-127
39	(LSB) CHANNEL VOLUME	0-127
40	(LSB) BALANCE	0-127
41	(LSB) UNDEFINED	0-127
42	(LSB) PAN	0-127
43	(LSB) EXPRESSION	0-127
44	(LSB) EFFECT CONTROL 1	0-127
45	(LSB) EFFECT CONTROL 2	0-127
46-47	(LSB) UNDEFINED	0-127
48	(LSB) GENERAL PURPOSE CONTROLLER 1	0-127
49	(LSB) GENERAL PURPOSE CONTROLLER 2	0-127




50	(LSB) GENERAL PURPOSE CONTROLLER 3	0-127
51	(LSB) GENERAL PURPOSE CONTROLLER 4	0-127
52-63	(LSB) UNDEFINED	0-127
64	SUSTAIN PEDAL	•63OFF,•64ON
65	PORTAMENTO	<63 OFF, »64 ON
66	SOSTENUTO	<63 OFF, >64 ON
67	SOFT PEDAL	<63 OFF, >64 ON
68	LEGATO FOOTSWITCH	<63 NORMAL, >64 LEGATO
69	HOLD 2	<63 OFF, >64 ON
70	VARIATION	0127
71	RESONANCE	0-127
72	RELEASE TIME	0127
73	ATTACK TIME	0127
74	CUTOFF	0127
75	DECAY TIME	0127

76	VIBRATO RATE	0127
77	VIBRATO DEPTH	0127
78	VIBRATO DELAY	0127
79	UNDEFINED	0127
80	GENERAL PURPOSE CONTROLLER 5	0127
81	GENERAL PURPOSE CONTROLLER 6	0127
82	GENERAL PURPOSE CONTROLLER 7	0127
83	GENERAL PURPOSE CONTROLLER 8	0127
84	PORTAMENTO CONTROL	0127
85-90	UNDEFINED	0127
91	REVERB DEPTH	0127
92	TREMOLO DEPTH	0127
93	CHORUS DEPTH	0127
94	CELESTE/DETUNE DEPTH	0127

95	PHATSER DEPTH	0127
96	DATA INCREMENT	0127
97	DATA DECREMENT	0127
98	(LSB) NRPN	0127
99	(MSB) NRPN	0127
100	(LSB) RPN	0127
101	(MSB) RPN	0127
102-119	UNDEFINED	0127
120	ALL SOUND OFF	0
121	RESET ALL CONTROLLERS	0
122	LOCAL CONTROL	0OFF,127ON
123	ALL NOTES OFF	0
124	OMNI OFF	0
125	OMNI ON	0

126	MONO	0
127	POLY	0
128	PITCH BEND	0127

## Documents / Resources

  	<p><a href="#">DONNER DMK-25 MIDI Keyboard Controller</a> [pdf] Owner's Manual</p> <p>DMK-25, MIDI Keyboard Controller, DMK-25 MIDI Keyboard Controller, Keyboard Controller, Controller</p>
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