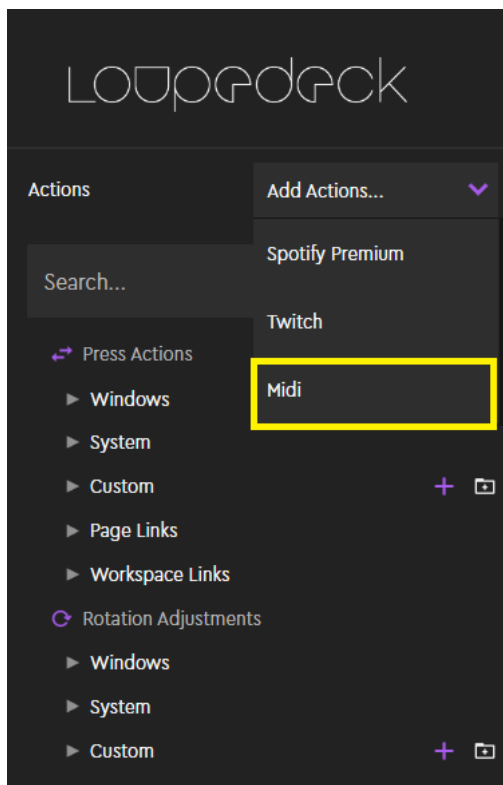


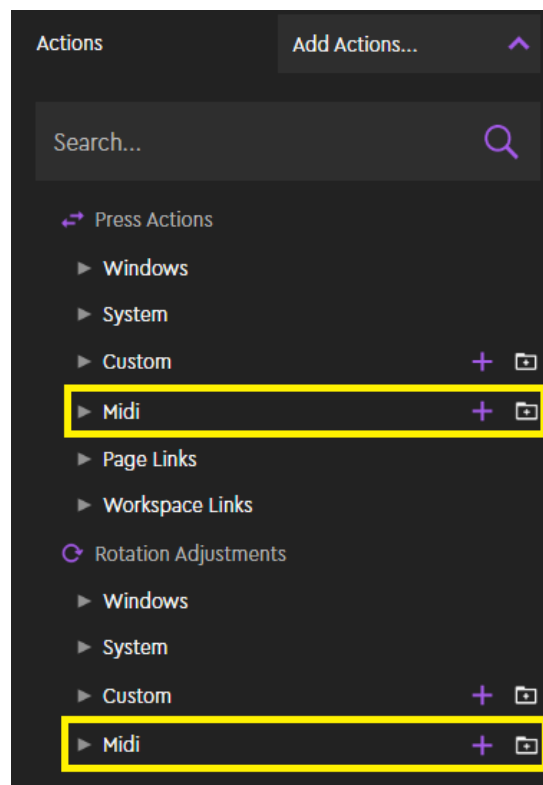
MIDI MANUAL

Good news! Loupedeck software now supports MIDI (Musical Instrument Digital Interface) protocol. MIDI is a standard communication language between digital musical instruments. You can use the MIDI functions to send several types of MIDI messages: Notes, Control Change (CC) - and Program Change - data. Besides music creation and control, MIDI can also be used in non-musical applications, such as professional lighting systems.

Here's how to get started:

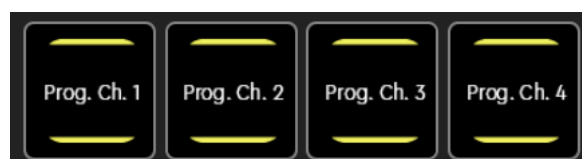


Picture 1



Picture 2

Open the Loupedeck Software. Choose the MIDI plugin from the "Add Actions" - dropdown menu on the upper left side in your software profile of choosing. (Picture 1) The new *MIDI Press Action* and *Rotation Adjustment* groups will appear on the menu below. (Picture 2) You can now create your own *MIDI Press Actions* and *Rotation Adjustments* by using the plus sign on the right side of the menu. You can name the actions as you see fit.

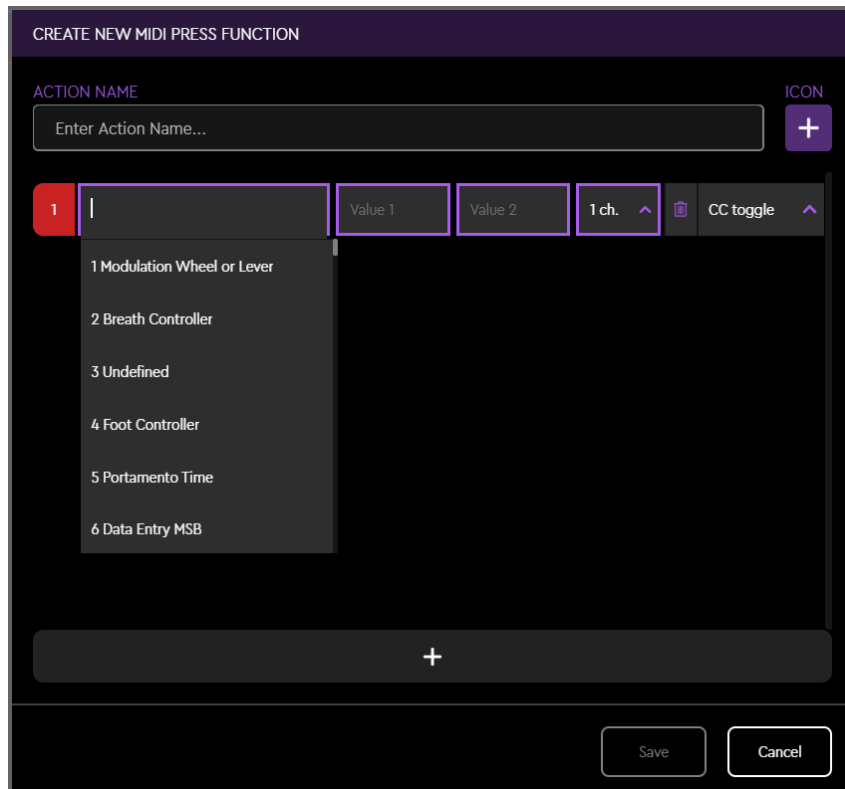


Picture 3

All the MIDI actions are easily identified by their signature yellow backgrounds. (Picture 3)

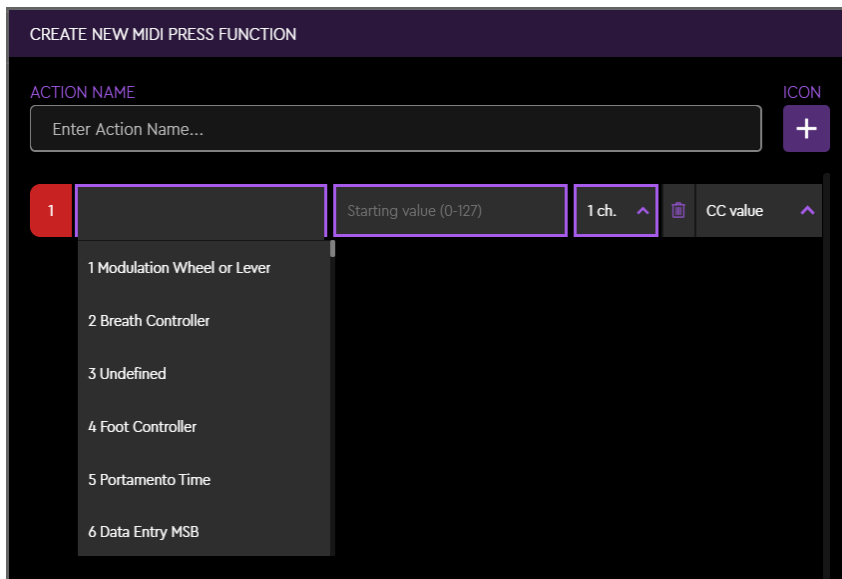
MIDI ACTIONS WALKTHROUGH

MIDI Press Functions



- **CC Toggle (CC Tog):**
 - CC Function
 - MIDI standard list, values from 1 to 119
 - 1st Value
 - First press on button activates this value (toggle 1 of 2)
 - 2nd value
 - Second press on button activates this value (toggle 2 of 2)
 - Midi channel (1 - 16)

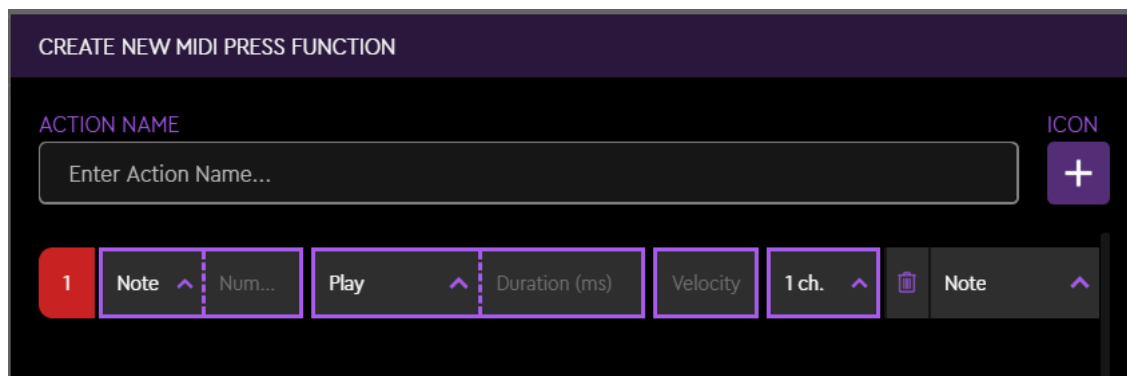
TIP! CC Toggle can be used for ON/OFF - commands, mute, solo, etc. (Values >63 = OFF and 64< = ON)



- **CC Value**

- CC Function
 - MIDI standard list, values from 1 to 119
- Starting value (0 - 127)
- MIDI Channel (1–16)

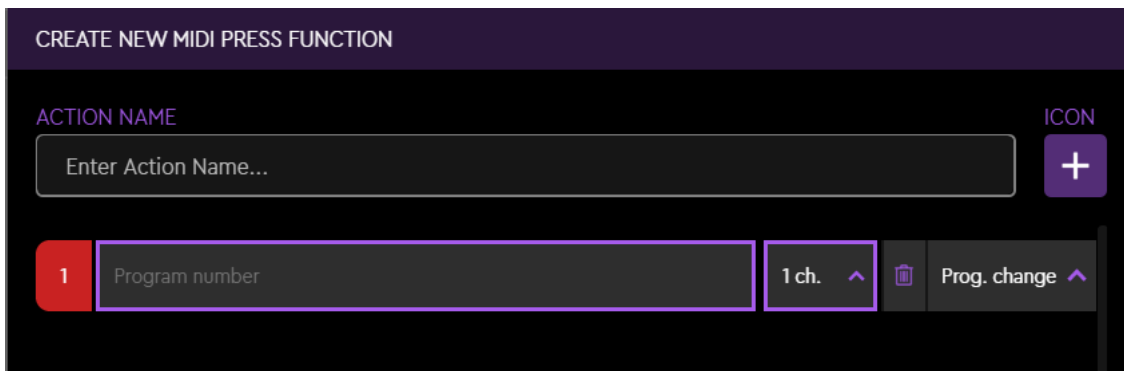
TIP! CC Value can be used for resetting values on a track. You can also use it as an ON or OFF-switch. (>63 = OFF and 64< = ON)



- **Notes**

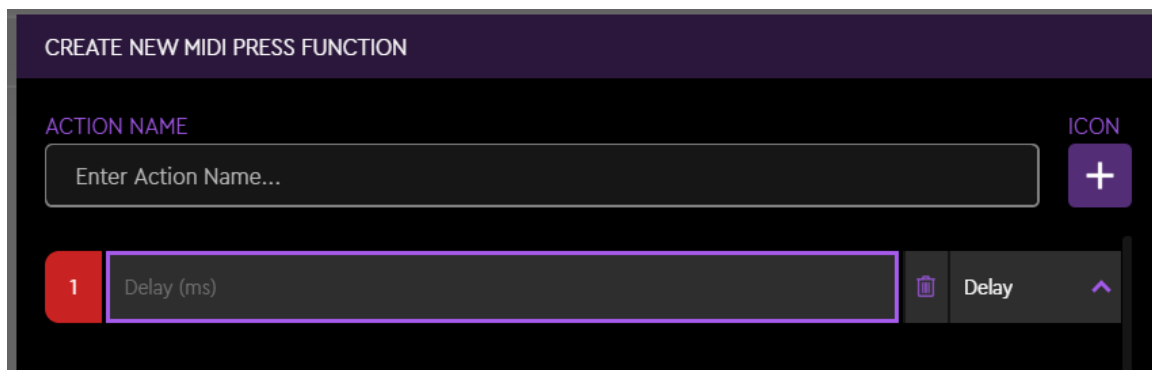
- Note name or number
 - Play note
 - Toggle note
- Duration ms (max. 15 000 ms)
- Velocity (0–127) ! Note that the default velocity is set to 100.
- MIDI Channel (1–16)

TIP! Toggle note can be used for mapping basic ON/OFF commands.



- **Program Change**
 - Program number (0 - 127)
 - MIDI Channel (1–16)

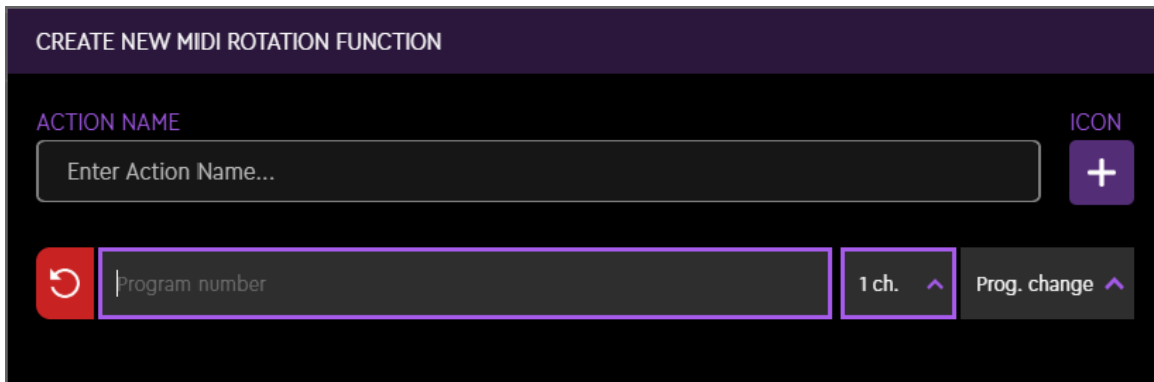
TIP! You can change the patch of an external synthesizer with the program change command.



- **Delay (Between commands)**
 - Delay ms

TIP! You can create daisy chained commands or funky chords with the delay function.

MIDI Rotation Adjustments



CREATE NEW MIDI ROTATION FUNCTION

ACTION NAME

Enter Action Name...

ICON

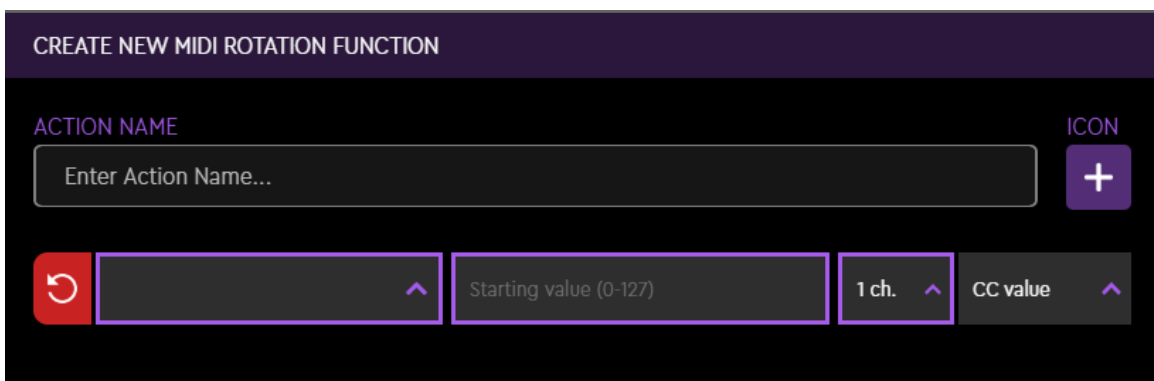
+

Program number

1 ch. ^

Prog. change ^

- **Program Change**
 - Program number (0–127)
 - MIDI Channel (1–16)



CREATE NEW MIDI ROTATION FUNCTION

ACTION NAME

Enter Action Name...

ICON

+

Starting value (0-127)

1 ch. ^

CC value ^

- **CC Value**
 - CC Function
 - MIDI standard list, values from 1 to 119
 - Starting value (0 – 127)
 - MIDI Channel (1–16)

Once you are content with your MIDI Press Actions and Rotation Adjustments in the Loupedeck software, you can start mapping them into their assigned places in your software of choice. Some MIDI messages, like notes and program changes, can and do also work without the secondary mapping. If you are not sure how to do MIDI mapping, please refer to the software manual for more information.

Please note:

- Latency. We are aware that there is and will be some latency-issues present, so this first MIDI-integration is currently best used for new ways of control and not so much for playing. But no worries, we are working on a solution, so that you will be able to play with nonexistent latency in the future.
- Different audio software and hardware manufacturers use a different middle C standard for their MIDI notation basis. In our MIDI feature we have used C3 as the middle C to match the most used notation chart version. Therefore, you might notice that the note you are playing is +/- one octave off in the software or hardware of your choosing. We will be presenting a solution to this problem in the future updates. For more information about the notation, see the MIDI note number chart provided below.

MIDI NOTE NUMBER REFERENCE LIST (C3=60)

Octave	C	C#	D	D#	E	F	F#	G	G#	A	A#	B
-1										21	22	23
0	24	25	26	27	28	29	30	31	32	33	34	35
1	36	37	38	39	40	41	42	43	44	45	46	47
2	48	49	50	51	52	53	54	55	56	57	58	59
3	60	61	62	63	64	65	66	67	68	69	70	71
4	72	73	74	75	76	77	78	79	80	81	82	83
5	84	85	86	87	88	89	90	91	92	93	94	95
6	96	97	98	99	100	101	102	103	104	105	106	107
7	108	109	110	111	112	113	114	115	116	117	118	119
8	120	121	122	123	124	125	126	127				