LeBouton©

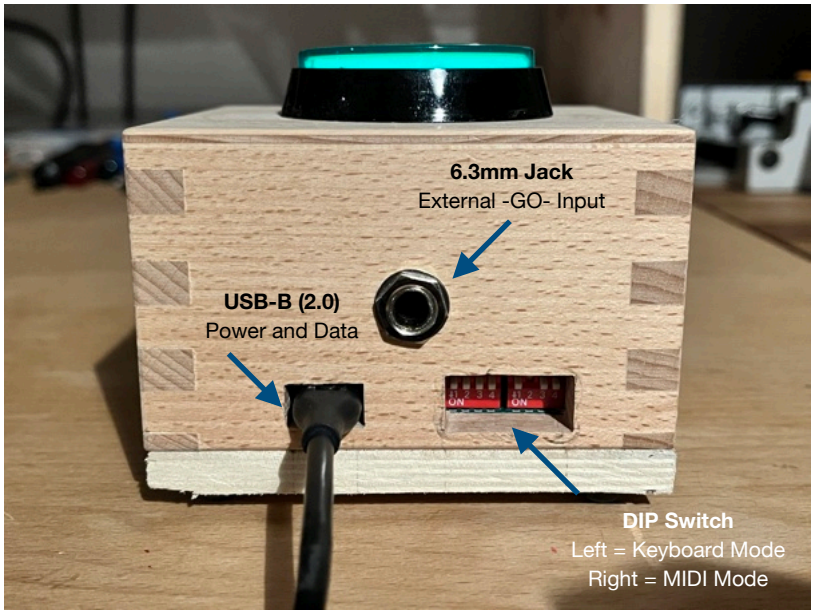
the CUE controller

The LeBouton, is a one Button **Cue-Controller**, with multiple options for controlling software like: **QLAB®, GO-Button®,** Ableton© **Live®**, Microsoft **PowerPoint**, Apple **Keynote, PDF** Readers or Apple **PhotoBoth**.

Simple to use and no needs of drivers or software setup.

The unit has an USB-Port and a standard MIDI Port. On USB the Device work as HID Keyboard, which sends selectable types of keystrokes especially dedicated for the softwares.
On the same time it works as USB-MIDI Interface and send selectable Events like Midi-Notes, Midi Show Control or Programm Change. At the same Time, it sends out the MIDI Events to the standard MIDI Port. (Controlling a backup machine).
You can also choose between two Midi Channels.

The knob on top, :-) is a big, illuminated , tactile momentary Button.
At the Back there is a 6.3mm Jack, to connect an External Switch, which is parallel to the GO.
With the DIP-Switches, you can set the different Modes for Keyboard and MIDI.
Two LEDs shows the Power/Run and Transmitting State. (Power/Run LED at the GO Button)
The Unit is powered by the USB Port and can run without a PC, as bare MIDI Controller.



If you want to do an own Case or want to integrate in a System, you can just buy the preconfigured and testet Electronic (PCB). It comes with Screw-Terminals for easily connecting the buttons and connectors. No additional parts, like Resistors are needed.

See next pages for settings of Mode-Switch, connections and technical data:

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DIP Switch Keyboard Mode

Keyboard Mode	DIP Switch Nr. 1	DIP Switch Nr. 2	DIP Switch Nr. 3	DIP Switch Nr. 4	Key
0	OFF	OFF	OFF	OFF	No Keystrokes will be sent
1	**ON**	OFF	OFF	OFF	SPACE
2	OFF	**ON**	OFF	OFF	ENTER
3	**ON**	**ON**	OFF	OFF	Arrow. Up
4	OFF	OFF	**ON**	OFF	Arrow Down
5	**ON**	OFF	**ON**	OFF	Arrow Left
6	OFF	**ON**	**ON**	OFF	Arrow Right
7	**ON**	**ON**	**ON**	OFF	Page Up
8	OFF	OFF	OFF	**ON**	Page Down
9	**ON**	OFF	OFF	**ON**	A
10	OFF	**ON**	OFF	**ON**	1
11	**ON**	**ON**	OFF	**ON**	TAB
12	OFF	OFF	**ON**	**ON**	F5
13	**ON**	OFF	**ON**	**ON**	Media Key Start
14	OFF	**ON**	**ON**	**ON**	ALT +CMD +P
15	**ON**	**ON**	**ON**	**ON**	CMD +SHIFT +ENTER
Hint:	F5 or ALT+CMD+P are used to start the Power Point Presentations. CMD+SHIFT+ENTER are used to start Keynote or the Countdown of PhotoBooth				
MIDI:	In MIDI Mode 1: When the Button once is pressed, it send a Note On Event. By releasing the button a Midi Note Off will be sent.				

DIP Switch 2 MIDI Mode

MIDI Mode	DIP Switch Nr. 1	DIP Switch Nr. 2	DIP Switch Nr. 3	DIP Switch Nr. 4	MIDI Event
0	OFF	OFF			No MIDI Events will be sent
1	**ON**	OFF			MIDI Note ON and OFF
2	OFF	**ON**			MIDI Show Control MSC
3	**ON**	**ON**			MIDI Program Change
USB-MIDI			**ON**		USB-MIDI ON/OFF
MIDI Ch.				**ON**	MIDI Channel 2 (OFF = Ch.1)

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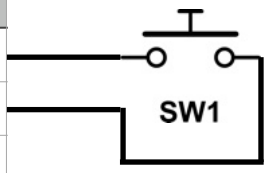
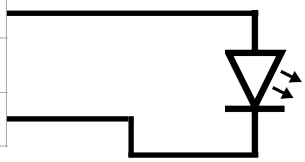
Connection-Schematics by using just the PCB-Version:

Screw-Terminal connection

Terminal Nr:	Name	Function
1	3.3V	VCC
2	Button 1	GO
3	Foot-Switch	GO
7	MIDI V+	DIN Con. Pin Nr: 4
8	MIDI GND	DIN Con. Pin Nr: 2
9	MIDI OUT	DIN Con. Pin Nr: 5
10	LED PWR	~ 2V, 10mA
11	LED Transit	~ 2V, 10mA
12	LED GND	GND

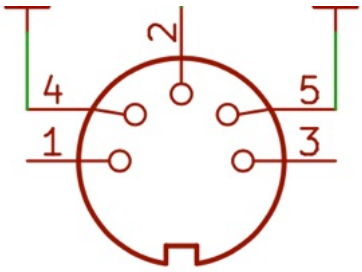


NO (Normally Open)
Momentary Switch

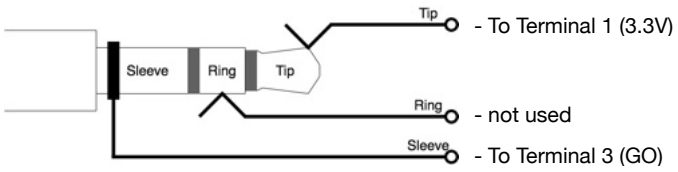


LED ca. 2 Volt
If max. 20 mA!

DIN 41524 5pole Connector for MIDI-Out



Jack 6.3mm 3 pole Connector for Foot-Switch



Technical Data:

Dimension / Weight:	LxBxH 100 x 100 x 70 mm / ca. 300 g
Power Supply:	5 VDC over USB-B Connector
Normatives:	Complies with the given CE and EMC standards

Intended use:

The use of the device is to be used exclusively for operation in the artistic-technical field. (theatre, drama, magician, music, etc.) This means that no safety-relevant applications such as pyrotechnics or machines may be controlled! Use is at your own risk.
Any liability is rejected.

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