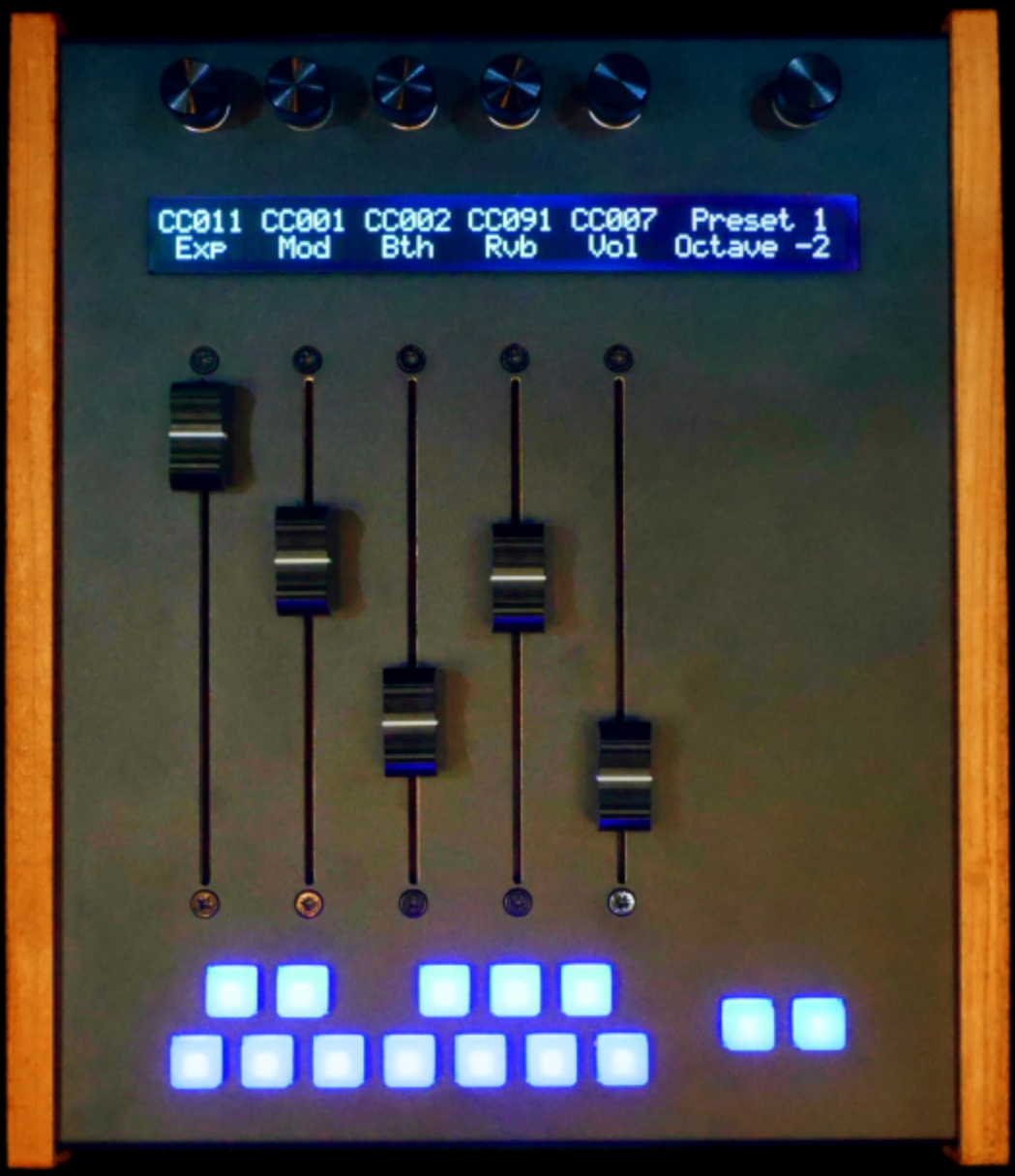
ONIROY

LOGOS

User's Manual

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1 Overview of Logos

ONIROY Logos is a plug-and-play MIDI controller specifically designed for composers using virtual orchestral instruments. As a fully class-compliant device, it requires no drivers or software installation. A single USB cable carries both its power and its MIDI data.

1 - LCD display for settings

2 - General purpose encoder

3 - Fader settings encoders

4 - Faders for MIDI CCs control

5 - Keyswitching buttons (RGB LEDs)

6 - Octave -/+ buttons (RGB LEDs)

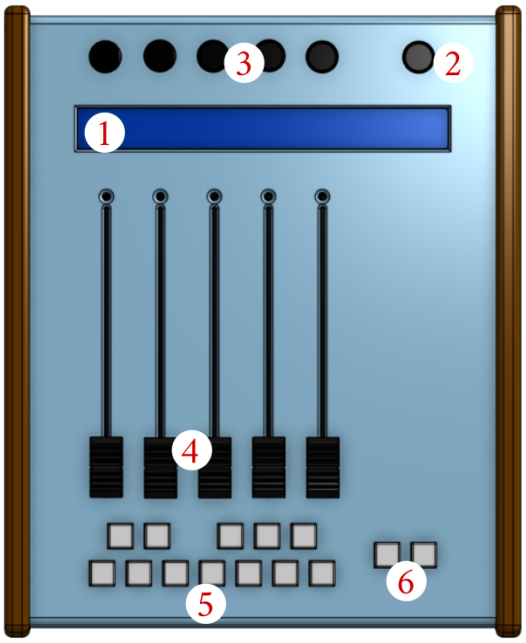


Figure 1: Logos - Front panel view

7 - USB socket to computer (MIDI and power)

8 - MIDI OUT DIN-5 socket

9 - Power switch



Figure 2: Logos - Back panel view

2 Start-up

2.1 MIDI controller through USB port

Connect the USB socket [7] to your computer with the supplied USB cable, then switch *Logos* on with the power switch [9]. *Logos* draws its power from this cable: no other power supply is needed. The LCD screen lights up, displays the firmware version, then the first, default, menu. Make sure to select *ONIROY Logos* as a MIDI device in your DAW or in your standalone player.

IMPORTANT: If your DAW freezes, make sure to check the MIDI In box but uncheck the MIDI Out box next to *ONIROY Logos* in your MIDI device settings.

IMPORTANT: If the instrument loaded in the selected track is not responding to *Logos*, make sure *ONIROY Logos* is selected as a MIDI input in the settings of this track.

2.2 MIDI controller through MIDI DIN-5 port

Logos also works without a computer. Connect the USB socket [7] to a standard USB power adapter (5 V, at least 500 mA), then switch *Logos* on. The LCD screen lights up, initializes, and displays Menu 1.
Connect the MIDI OUT DIN-5 socket [8] to the MIDI IN DIN-5 socket of the device you want to control with *Logos*.

IMPORTANT: Make sure you selected the same MIDI channel on *Logos* and on the device you want to control. The MIDI channel of *Logos* is selected in Menu 2 (Section 4).

When Logos is connected to a computer, every MIDI message is sent on both the USB and the MIDI DIN-5 outputs.

2.3 Navigation between menus

To enter the next menu, shortly press the general purpose encoder [2]. From the last menu (Menu 3), pressing the general purpose encoder [2] takes you back to Menu 1 (displayed at start-up).

3 Menu 1 - Main settings

The first menu displays the MIDI CC assigned to each fader and its name.



Figure 3: Menu 1 display example

1. Preset bank selected
2. Selected octave
3. CC number assigned to the fader aligned below
4. CC name corresponding to the CC number

3.1 Preset bank

On the top line's far right, the number of the selected preset bank (1 to 8) is displayed. You can browse your preset banks by turning the general purpose encoder [2].

3.2 Keyswitching octave

On the bottom line's far right, the octave currently assigned to the keyswitching buttons [5] is displayed, from -2 to 8. You can change it by pressing the octave -/+ buttons [6]. Note that when on octave -2, pressing the - button takes you to octave 8, and vice versa. Changing the octave releases any note still held.

The 12 keyswitching buttons send the 12 notes of the selected octave, from C to B. *Logos* numbers octaves with middle C (MIDI note 60) as the first note of octave 3: if your DAW names middle C "C4", its octave numbers are one higher than the ones displayed by *Logos*. In octave 8, only the buttons from C to G send a note, as MIDI notes stop at 127 (G8).

3.3 MIDI CCs assignation

Each fader settings encoder [3] changes the MIDI CC assigned to the corresponding fader in the current preset bank. Turn clockwise to increase the number of the assigned MIDI

CC, counter-clockwise to decrease it. Note that decreasing below 0 takes you to 127, and increasing above 127 takes you back to 0.

3.4 MIDI CCs display

On the top line, aligned vertically with each fader, is displayed the number of the MIDI CC that the fader currently controls. A 5-character name of the CC is displayed on the bottom line of the screen. When you move a fader, its CC name is replaced by the CC value it sends. One second after the fader stops, the name of the CC is displayed again.

3.5 Editing MIDI CC names

Each MIDI CC number has a single name of 5 characters, shared by all the preset banks.

For example: if CC 1 is used in both Preset 1 and Preset 2, changing its name while in Preset 2 also changes the name displayed in Preset 1 (and in any other preset).

To edit the name of the MIDI CC currently assigned to a fader:

1. Press and hold the encoder [3] of this fader for at least one second, then release it. *A dot appears on the right of the screen after one second.*
2. The editing screen displays the CC number and its current name above the fader, and "SAVE NAME" on the right.
3. Turn the five fader settings encoders [3] to write the name: the first encoder (far left) sets the first character, the second encoder the second character, and so on, whichever fader you are renaming. Each encoder starts from the current character. Turn clockwise to move forward in the list below, counter-clockwise to move back; the list loops at both ends.
4. To save the new name, shortly press the general purpose encoder [2]. "SETTINGS SAVED!" is displayed for one second before you get back to the Menu 1 view.

Available characters, in clockwise order (the first one is a blank space):

(space) A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
a b c d e f g h i j k l m n o p q r s t u v w x y z
*0 1 2 3 4 5 6 7 8 9 _ - + / * . , ; ? ! %*

The new name is stored immediately and kept for the next start-up: there is no need to save the settings afterwards. While you edit a name, the faders and buttons are inactive. Leaving the editing screen always saves the name: to keep the previous name, turn the encoders back to its characters before pressing the general purpose encoder.

3.6 Slaved fader

A "slaved" fader can be chosen to control dynamically the color and/or brightness and/or saturation of the LEDs. To select the slaved fader, shortly press its encoder [3]; shortly pressing the encoder of another fader makes that fader the slaved one. Shortly pressing the

encoder of the slaved fader disables the feature until a slaved fader is selected again. The slaved fader keeps sending its MIDI CC as usual. To choose which lighting settings follow the slaved fader's position, please refer to Section 4.8.

3.7 Saving settings

Changes made on *Logos* are not saved automatically: unless you save them, they are lost when *Logos* is switched off. To save all your current settings for the next start-up, press and hold the general purpose encoder [2] for more than one second but less than three, then release it. A success message is displayed for one second before returning to the menu view. Holding the encoder for more than three seconds opens the factory reset instead (Section 6).

Note that marks appear on the right of the screen while the encoder is kept pressed: one after one second, more after two and three seconds.

The saved settings are: the CC assignments and fader curves of the 8 preset banks, the octave, the MIDI channel, the LED settings (Color, Brigh, Satur, Kmode, Cycle), the octave indicator, and the slaved fader and its linked parameters. CC names (Section 3.5) and the keyswitch velocity (set in the desktop app) do not need saving: they are stored as soon as they are changed.

3.8 Pass to Menu 2

To enter the Menu 2 view, shortly press the general purpose encoder [2]. Upon release, the settings of Menu 2 will be displayed.

4 Menu 2 - Color and MIDI settings

The second menu displays the MIDI channel and the RGB LEDs settings.



Figure 4: Menu 2 display example

1. MIDI channel selected

2. Selected octave

3. RGB LEDs parameters

4. Currently assigned values

5. Point marking the setting as drived by a fader or on (for Kmode).

4.1 MIDI channel

On the top line's far right, the selected MIDI channel (1 to 16) is displayed. You can select the MIDI channel by turning the general purpose encoder [2].

4.2 Keyswitching octave

On the bottom line's far right, the octave of the keyswitching buttons is still displayed. It works as in Menu 1 (Section 3.2).

4.3 LEDs' settings display

On the top line, aligned vertically with each encoder, are displayed the controls of the LEDs:

- **Color**: the color (hue) of the LEDs, from 0 to 255 in steps of 8.
- **Brigh**: the brightness of the LEDs, from 0 to 255.
- **Satur**: the saturation of the colors, from 0 (white) to 255 (full color).
- **Kmode**: the keyswitch LED mode, from 0 to 5 (Section 4.6).
- **Cycle**: the color mode, from 1 to 16 (Section 4.5).

On the bottom line is displayed the current value of each of these parameters.

4.4 LEDs' settings assignation

Each fader settings encoder [3] changes the value of the parameter aligned with it. Color, Kmode and Cycle loop from their last value back to their first one, and vice versa.

4.5 Color modes (Cycle)

- **Cycle 1** (default): a single color, set by the Color parameter.
- **Cycle 2**: one color per preset bank: the color changes when you change preset.
- **Cycle 3**: one color per octave: the color changes when you change octave.
- **Cycles 4 to 16**: 13 multicolor palettes slowly moving across the buttons. At Color 095 (default), the palettes show their original colors; other Color values shift all their colors.

The moving speed of the palettes is fixed.

4.6 Keyswitch LED modes (Kmode)

Kmode sets how the LEDs of the 12 keyswitching buttons [5] react when you play:

- **Kmode 0 – Off** (default): the keyswitching buttons display the selected color mode (Cycle).
- **Kmode 1 – Latest keyswitch only**: only the latest keyswitch pressed is lit; the 11 other keyswitching buttons are off.
- **Kmode 2**: as Kmode 1, and the lit keyswitch is reset (turned off) when you change octave.
- **Kmode 3 – Latest keyswitch in opposite color**: the keyswitching buttons display the selected color mode, and the latest keyswitch pressed is lit in the opposite (complementary) color.
- **Kmode 4**: as Kmode 3, and the highlighted keyswitch is reset when you change octave.
- **Kmode 5 – Fixed colors**: each of the 12 keyswitching buttons has its own fixed color, the same in every octave. This helps you memorize the keyswitch positions: you associate an articulation with a color rather than with a note. Brightness and saturation still apply.

In every Kmode, the octave -/+ buttons [6] display the selected color mode, unless the octave indicator lights them (Section 4.7). Changing the Kmode resets the highlighted keyswitch.

4.7 Octave indicator

Shortly press the encoder of the Kmode parameter to turn the octave indicator on or off. When it is on, a point "." appears next to the Kmode value, and the octave -/+ buttons [6] show where you are compared with your default octave:

- on your default octave, nothing specific is displayed;
- one octave above your default octave, the + button is lit in the opposite color;
- one octave below your default octave, the - button is lit in the opposite color;
- two octaves or more away from your default octave, nothing specific is displayed.

The octave indicator works in every Kmode, including Kmode 0. Your default octave is the octave saved in *Logos*: to change it, select the new octave and save your settings (Section 3.7).

4.8 Parameters linked to a slaved fader

You can link the variation of the color, brightness or saturation to the position of the slaved fader. Shortly press the encoder of the "Color" parameter to link the color to the slaved fader's position: a point "." appears next to the current color value. If you press the encoder of the "Color" parameter again, the point "." disappears, meaning the color is no longer linked to the slaved fader's position. This works exactly the same way for the brightness "Brigh" parameter and for the saturation "Satur" parameter. To choose which fader is slaved, please refer to Section 3.6.

4.9 Saving settings

Same as in Menu 1 (Section 3.7): press and hold the general purpose encoder [2] for more than one second but less than three, then release it.

4.10 Pass to Menu 3

To enter the Menu 3 view, shortly press the general purpose encoder [2]. Upon release, the settings of Menu 3 will be displayed.

5 Menu 3 – Fader curves

The third menu displays the response curve of each fader in the current preset bank.



Figure 5: Menu 3 display example

1. Preset bank selected
2. Selected octave
3. CC number assigned to the fader aligned below
4. Fader curve assigned for the current preset bank

5.1 Preset banks

On the top line's far right, the number of the selected preset bank is displayed. You can browse your preset banks by turning the general purpose encoder [2].

5.2 Keyswitching octave

On the bottom line's far right, the octave of the keyswitching buttons is displayed. It works as in Menu 1 (Section 3.2).

5.3 Curve settings display

On the top line, aligned vertically with each fader, is displayed the number of the MIDI CC that the fader currently controls. The bottom line displays the name of the fader's curve: Lin (linear, default), Log (logarithmic: the value rises quickly at the bottom of the travel and slowly at the top) or R-log (reversed logarithmic: slowly at the bottom, quickly at the top).

When you move a fader, its curve name is replaced by the CC value it sends. One second after the fader stops, the curve name is displayed again.

5.4 Curve settings assignation

Each fader settings encoder [3] changes the curve assigned to the corresponding fader in the current preset bank. The three curves loop.

5.5 Slaved fader

Works as in Menu 1 (Section 3.6).

5.6 Saving settings

Same as in Menu 1 (Section 3.7): press and hold the general purpose encoder [2] for more than one second but less than three, then release it.

5.7 Go back to Menu 1

To go back to the Menu 1 view, shortly press the general purpose encoder [2]. Upon release, the settings of Menu 1 will be displayed.

6 Factory Reset

WARNING: THERE IS NO WAY TO RETRIEVE YOUR PREVIOUS SETTINGS AFTER PERFORMING THE FACTORY RESET

To perform a factory reset, press and hold the general purpose encoder [2] for more than three seconds, then release it. A message asking for confirmation is displayed, with "Yes" on the left and "No" on the right.

Note that marks appear on the right of the screen while the encoder is kept pressed: one after one second, more after two and three seconds.

To confirm the factory reset, shortly press the first (far left) fader settings encoder. The reinitialization takes a few seconds before taking you back to the Menu 1 view.

If you don't want to perform the factory reset, shortly press the general purpose encoder. You will be sent back to your previous menu view.

The factory reset restores the factory preset banks, fader curves and CC names, and the factory settings: octave -2, MIDI channel 1, Color 095, Brigh 150, Satur 255, Kmode 0, Cycle 1, octave indicator off, fader 1 slaved with no linked parameter, keyswitch velocity 100.

7 Oniroy Device Manager (desktop app)

7.1 Overview

The Oniroy Device Manager is an optional desktop app (Windows and macOS). It gives you a global view of the settings of *Logos*, lets you edit them from your computer, save them in files for different workflows and send them back to *Logos* when needed. This desktop app will allow you to perform firmware updates if needed. *Logos* works fully without it.

IMPORTANT: The app does not read the settings stored in *Logos*: the values it displays are its own, or those of the file you loaded. Settings sent from the app take effect immediately. CC names and the velocity are stored in *Logos* as soon as they are received; to keep the other settings after switching *Logos* off, save them on *Logos* (Section 3.7).

7.2 Installation

Go to `https://oniroy.fr/downloads` and download the app package for your system. Run the installer and follow the instructions. When the installation is completed, you can open the Oniroy Device Manager and use it. Make sure *Logos* is connected to your computer when sending settings or performing a firmware update.

7.3 Walkthrough

Here is a picture of the Oniroy Device Manager interface:

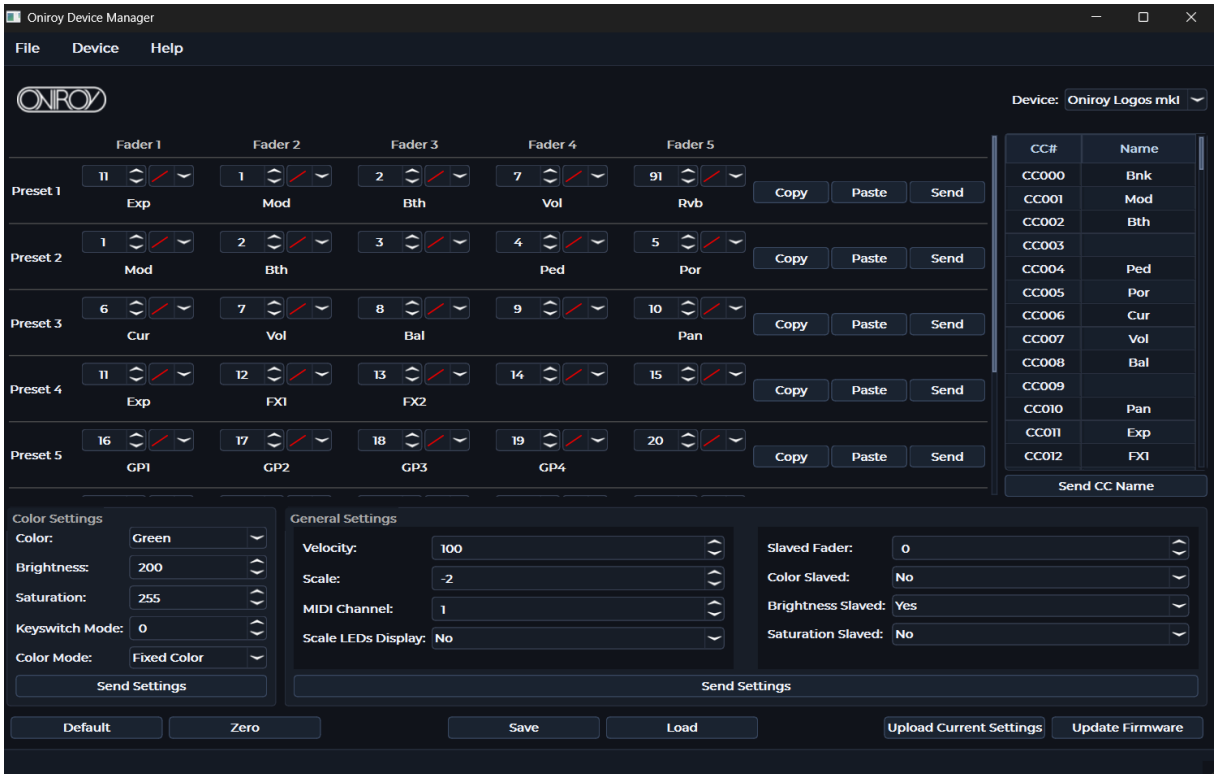


Figure 6: Oniroy Device Manager

Device At the top right, select your device (*Oniroy Logos mkI*).

Presets One row per preset bank (Preset 1 to 8: scroll down to see them all), one column per fader. For each fader, set the CC number (arrows or keyboard) and the response curve (drop-down list); the name of the CC is displayed below. On each row, **Copy** copies the preset bank, **Paste** pastes the copied preset bank into this row, and **Send** sends this preset bank to *Logos*.

CC names The table on the right lists the name of each CC, from CC000 to CC127 (5 characters maximum). Edit a name in the table, then click **Send CC Name**. As on *Logos*, a name is shared by all the preset banks.

Color Settings **Color**, **Brightness** and **Saturation** of the LEDs, **Keyswitch Mode** (Kmode, Section 4.6) and **Color Mode** (Cycle, Section 4.5). The **Send Settings** button below them sends these five settings to *Logos*.

General Settings

- **Velocity**: velocity of the notes sent by the keyswitching buttons. It can only be set from the app.
- **Octave**: octave of the keyswitching buttons (Section 3.2).
- **MIDI Channel**: MIDI channel of *Logos*.
- **Octave LEDs Display**: octave indicator on or off (Section 4.7).
- **Slaved Fader**: number of the slaved fader, 0 for none (Section 3.6).
- **Color Slaved**, **Brightness Slaved**, **Saturation Slaved**: parameters linked to the slaved fader (Section 4.8).

The **Send Settings** button below them sends these settings to *Logos*.

Bottom buttons

- **Default**: puts the factory settings of *Logos* back in the app.
- **Zero**: sets all the settings of the app to 0.
- **Save**: saves the current settings of the app in a preset file.
- **Load**: loads an existing preset file into the app.
- **Upload Current Settings**: sends all the settings displayed in the app to *Logos*.
- **Update Firmware**: performs a firmware update of *Logos* (Section 8).

8 Firmware Update

To update the firmware of *Logos*:

1. Download and install the latest version of the Oniroy Device Manager, available at `https://oniroy.fr/downloads` (Windows, macOS or Linux).
2. Connect *Logos* to your computer and switch it on.
3. Click the **Update Firmware** button.
4. Wait for the process to complete: DO NOT DISCONNECT OR SWITCH OFF *LOGOS* DURING THE UPDATE.

If the process is successful, a success message is displayed at the bottom of the app window. If it isn't, an error message is displayed at the bottom of the app window: make sure *Logos* is correctly connected to your computer and try again. If the error persists, please contact the support by writing an email to contact@oniroy.fr and attach the log files that you will find in the Oniroy Device Manager's directory. We will help you resolve your issue as soon as possible!

9 RECOMMENDATIONS FOR OPTIMAL USE

Setup & Installation

1. **Firmware**: Before first use, check our website for the latest firmware and install it with the Oniroy Device Manager (Section 8).
2. **Power**: *Logos* is powered by its USB cable. Connect it directly to a USB port of your computer. If you connect it through a USB hub shared with other bus-powered devices, prefer a hub with its own power supply.
3. **Connection Order**: Connect the MIDI controller to your computer *before* launching your DAW/software to ensure proper recognition.
4. **USB Cable**: Use high-quality, shielded USB cables under 5 meters (16 feet) to ensure reliable data transmission.

Hardware Care

5. **Cleaning**: Use a soft, dry cloth on the aluminium panel and the wooden end-bells. For faders and knobs, use compressed air or specialized electronic contact cleaner sparingly. Never use alcohol or solvents.
6. **Transportation**: When transporting, protect the faders and knobs by wrapping the controller in soft material, ideally in its original packaging. Avoid placing heavy objects on the controller.
7. **Environmental Conditions**:
   - Operating Temperature: 5°C to 35°C (41°F to 95°F)
   - Storage Temperature: -10°C to 50°C (14°F to 122°F)
   - Humidity: 20% to 80% (non-condensing)
   - Avoid direct sunlight, heat sources, and excessive dust
8. **Surface Placement**: Place the controller on a stable, flat surface; its rubber feet keep it in place.

Software & Performance

9. **DAW Compatibility**: While class-compliant, check our website for specific DAW templates and recommended settings for optimal integration.
10. **MIDI Channel Management**: If experiencing unresponsive controls, verify MIDI channel assignments in both controller and software settings.

Troubleshooting Prevention

11. **System Resources**: Close unnecessary applications when using MIDI-intensive sessions to prevent latency or dropped messages.

12. **Backup Configurations**: Save your custom settings in files with the Oniroy Device Manager (Section 7) and keep them on a backup storage.

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10 DISCLAIMERS & LIMITATIONS

General

This manual describes *Logos* mkI running firmware 1.0.0. Nothing in this manual limits your statutory rights as a consumer, in particular the legal guarantee of conformity.

Safety Disclaimers

1. **Electrical Safety**: This device contains no user-serviceable parts. Do not open the casing. Refer all servicing to qualified personnel.
2. **Power Warning**: Power *Logos* only from a computer USB port or a USB power adapter (5 V) complying with the safety standards of your country. Using incorrect power sources may cause damage, fire, or electric shock.
3. **Liquid Exposure**: Keep liquids away from the device. If liquid is spilled, immediately switch off and unplug the device, and contact support.
4. **Ventilation**: Do not block ventilation openings. Allow adequate space for airflow around the device.

Performance & Compatibility

5. **Software Compatibility**: While designed to be class-compliant, compatibility with all software, operating systems, or future updates cannot be guaranteed. Users are responsible for verifying compatibility with their specific setup.
6. **MIDI Implementation**: This device transmits standard MIDI messages. Response to these messages depends entirely on the receiving software/instrument.
7. **Latency**: MIDI and audio latency are influenced by computer performance, software settings, and system configuration. Oniroy is not responsible for latency issues arising from user systems.
8. **Backups**: Keep regular backups of your projects and of your *Logos* settings.

Hardware Limitations

9. **Mechanical Lifespan**: Faders, encoders and buttons have finite mechanical lifespans. Heavy professional use will naturally lead to wear over time.

10. **Fader Tolerance**: Faders are analog components: the exact position at which a given CC value is reached can vary slightly from one fader to another.

11. **Temperature Sensitivity**: Extreme temperatures may temporarily affect faders response until the device returns to normal operating temperature.

12. **USB Bus Power**: When bus-powered, performance may be affected if the USB port cannot supply sufficient current, particularly when using multiple bus-powered devices.

Intellectual Property

13. **Software Rights**: All software provided with this device is licensed, not sold. Users must comply with accompanying license agreements.

14. **Template Use**: Provided templates and presets are for demonstration. Users assume responsibility for clearing any content for their intended use.

Regulatory Compliance

15. **Disposal**: This device contains electronic components that must be disposed of according to local electronic waste regulations. Do not dispose with household trash.

Warranty Limitations

16. **Physical Damage**: The warranty does not cover damage from accidents, misuse, neglect, unauthorized modifications, or normal wear and tear.

17. **Cosmetic Issues**: Minor cosmetic variations between units are not considered defects.

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11 CONTACT & SUPPORT

Before contacting support:

1. Review this manual thoroughly
2. Check our website at `https://www.oniroy.fr`
3. Verify you have the latest firmware
4. Document your exact setup (OS version, DAW version, other connected devices)

For technical support: contact@oniroy.fr
For warranty claims: contact@oniroy.fr
Online resources: `https://www.oniroy.fr`

Manual Version: logos-mkI-manual-1.0.0
Firmware Version: 1.0.0
Last Updated: 16 October 2026
Product Name: Logos mkI
Manufacturer: Oniroy

Note: Specifications and features are subject to change without notice. Always refer to our website for the most current information.