

**GOOROOLINK SOFTWARE**

**USER MANUAL**

v2

May 2026

**GOROO**  
**CONTROLLERS**

[www.goroocontrollers.com](http://www.goroocontrollers.com)



The **GOOROO LINK** is an all-integrated platform software enabling to augment LIOBOX<sup>2</sup> hardware support with specific DAW: Pro Tools, Logic, QLab but also enable LIOBOX<sup>2</sup> seamless configuration.



## TABLE OF CONTENTS

<b>REVISIONS</b>	<b>4</b>
<b>GOOROOLINK SOFTWARE</b>	<b>5</b>
SYSTEM REQUIREMENTS	5
CROSS COMPATIBILITIES	5
GETTING STARTED	6
<b>USER INTERFACE OVERVIEW</b>	<b>6</b>
<b>FEATURES</b>	<b>7</b>
MENUS	7
STATUS BAR	7
APP > BRIDGE	8
BRIDGE STATES	13
LOGIC PRO: RETRIEVE MARKER LIST	14
PRO TOOLS: DISCARDED MARKERS	17
DEVICE > LIOBOX	18
PADS CONFIGURATION	19
SETLISTS	22
LIOBOX CONFIGURATION	23
DATA MODEL (MODEL) CONCEPT	23
DEVICE > DEVICES	24
DEVICE LIST	24
DEVICE INFORMATION	24
DEVICE UPDATE	26
DEVICE ASSIGNMENT	28
DAW	29
SETTINGS	30
APPLICATION INFORMATION	30
MACOS PERMISSIONS	30
LOGGING & METRICS	30
AUTO-UPDATES	32
<b>TROUBLESHOOT</b>	<b>35</b>
AUTO-UPDATE FAILS	35
LIOBOX <sup>2</sup> NOT DETECTED	36
RECOVERY - LIOBOX <sup>2</sup> DISCONNECTED DURING REFLASHING	37
<b>LICENSE CONTRACT</b>	<b>38</b>
<b>TRADEMARK ATTRIBUTION</b>	<b>38</b>
<b>LIMITATION OF LIABILITY</b>	<b>38</b>



## REVISIONS

Revision	Date	Modifications
v2	May 2026	Added Bitwig support Added Devices section GUI update
v1	March 2026	First release



## GOOROOLINK SOFTWARE

The Configurator is a companion software designed to enhance the Liobox<sup>2</sup> experience.

The Bridge App allows to use native and advanced features of the LIOBOX<sup>2</sup> with DAW that do not offer scripting capabilities such as Pro Tools, Logic Pro or QLab.

Moreover, while the Liobox<sup>2</sup> offers a wide array of powerful features, managing all its settings directly on the device can be time-consuming. The Gooroolink simplifies this process by allowing efficient management of setlists, pads, and configuration settings from a Mac.

Additionally, the software supports seamless exporting and importing of configurations, ensuring flexibility and convenience in managing your Liobox<sup>2</sup> setup.

A typical and practical use-case consists in saving (exporting) a predefined configuration and copy it (by importing) on all your Liobox's therefore saving a lot of manual operation while preparing the show.

## SYSTEM REQUIREMENTS

The Gooroolink is compatible with:

- MacOS: Intel processors
- MacOS: Apple M processors
  - Big Sur (11)
  - Monterey (12)
  - Ventura (13)
  - Sonoma (14)
  - Sequoia (15)
  - Tahoe (26)

Note: an Internet connection is required to perform auto-updates.

Important: the Gooroolink needs [system permissions](#). Ensure these are enabled.

## CROSS COMPATIBILITIES

In order to manage cross compatibility between the LIOBOX<sup>2</sup> firmware, script versions and Gooroolink software versions, the Gooroolink is synchronized with the Gooroo Controllers servers. This enables checking that the eco-system is able to work properly, and proposes updates if a mismatch is detected. Refer to this [section](#) for more information

It is highly recommended to always have its LIOBOX<sup>2</sup>, scripts and Gooroolink up to date to benefit from the latest features and bug fixes.

## GETTING STARTED

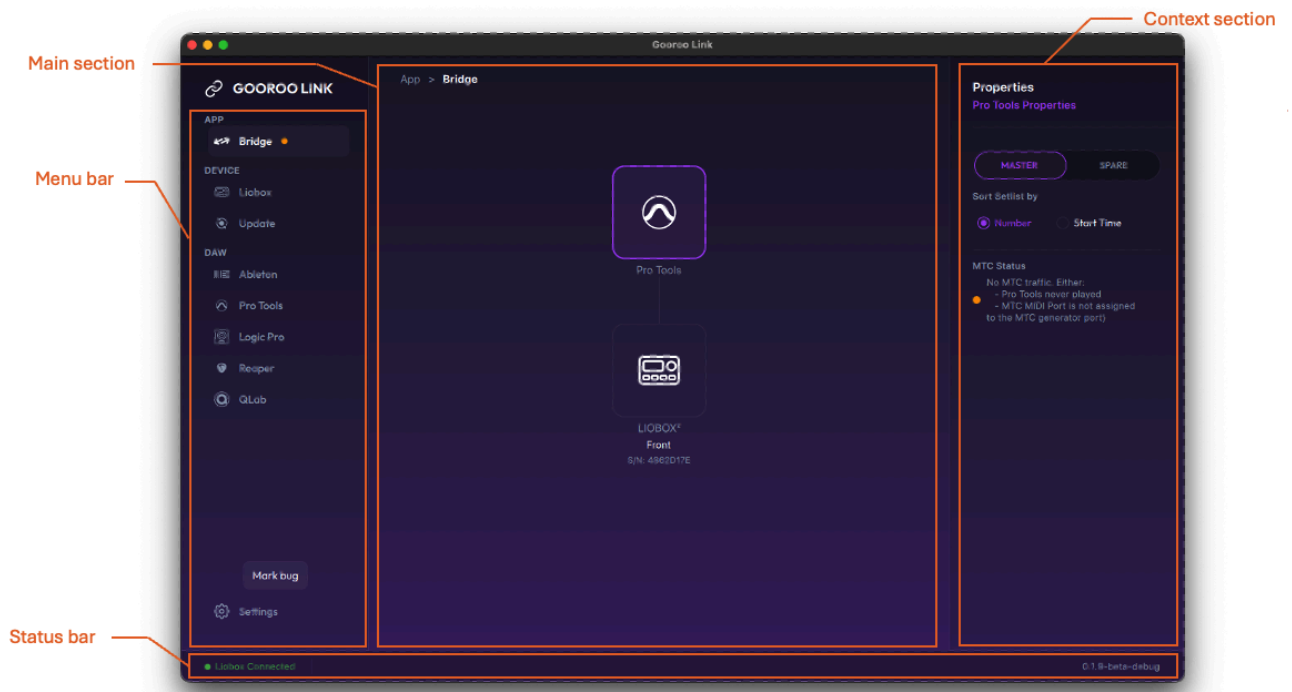
The MacOS application comes with a self-installer (.dmg):

- Launch the .dmg file
- Drag and drop the Gooroo Configurator shortcut to Application

## USER INTERFACE OVERVIEW

The User Interface is divided in four sections:

1. Menu bar
2. Main section
3. Context section
4. Status bar



Views and features are described in the following sections.



# FEATURES

## MENUS

Menus are divided into sections.

Category	Description
<b>APP</b>	Modules interacting with DAWs to provide advanced control features
APP <b>BRIDGE</b>	Module enabling all the advanced features of the LIOBOX <sup>2</sup> to the Digital Audio Workstations (DAWs) not permitting scripting capabilities (Pro Tools, Logic Pro, QLab).
<b>DEVICE</b>	Device management modules
DEVICE <b>LIOBOX</b>	LIOBOX <sup>2</sup> management module, allowing to remotely configure the LIOBOX <sup>2</sup> , import or export configurations, ...
DEVICE <b>DEVICES</b>	Manage connected device and handle proxies
<b>DAW</b>	DAW information page. Retrieve the detected software versions and script compatibility, as well as DAW configuration information

## STATUS BAR

The Liobox Connection Status displays the current state of connection:

Element	Description
Device connection status	Display the status of device connection
Temporary messages	Located next to the Device connection status to provide feedback from ongoing actions. These information are displayed a couple of seconds before disappearing.
Software version	Current software version running (more information available in the Settings menu)

## APP > BRIDGE

The BRIDGE App is bridging the LIOBOX<sup>2</sup> and the supported DAW: Pro Tools, Logic Pro and QLab. These DAWs do not allow scripting like Ableton or Reaper. This companion app allows using all the capabilities of the LIOBOX<sup>2</sup>: transport functions, playhead position, setlist creation and management, redundancy, ...

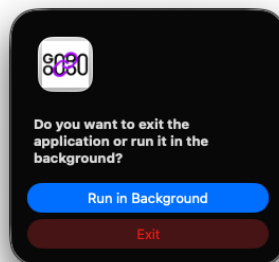
The BRIDGE App is using a combination of native DAW capabilities (MMC and MTC) as well as available APIs.

Essentially, the BRIDGE App relays/converts the commands emitted from the LIOBOX<sup>2</sup> while providing the LIOBOX<sup>2</sup> with the DAW information.



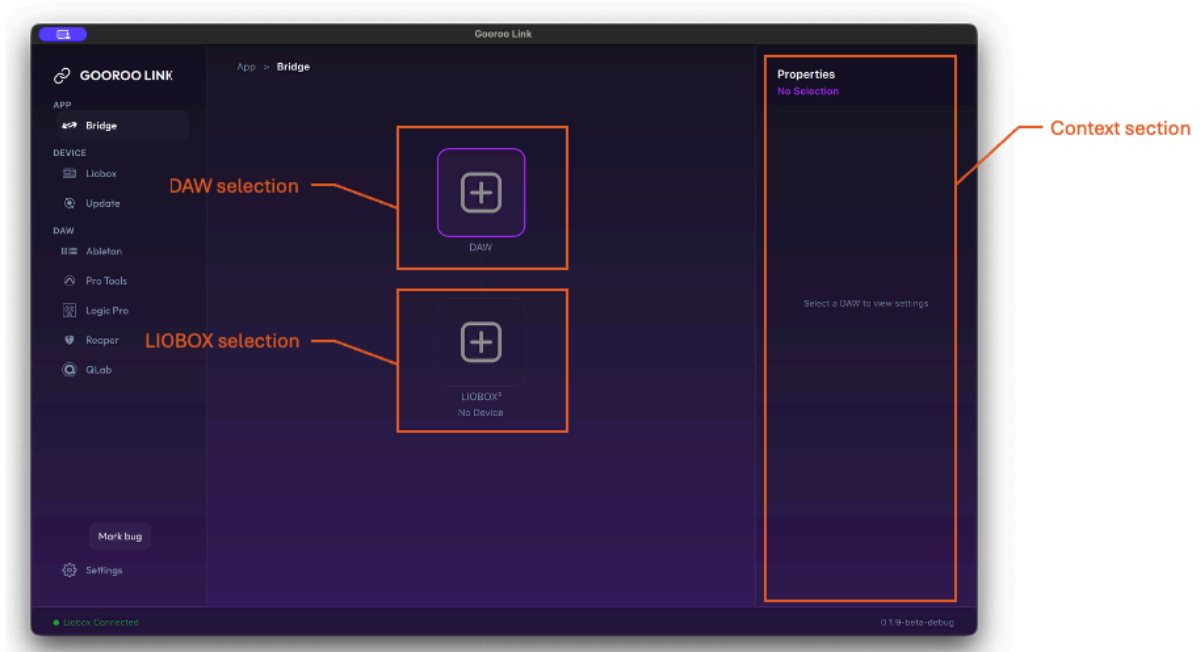
IMPORTANT: To benefit from the BRIDGE App features when interfacing with a DAW, the GoorooLink shall be launched. **The GoorooLink application can be running either in foreground or background, but not exited.**

To run the application in background, exit the application. A dialog will ask if the application shall run in background or exited.

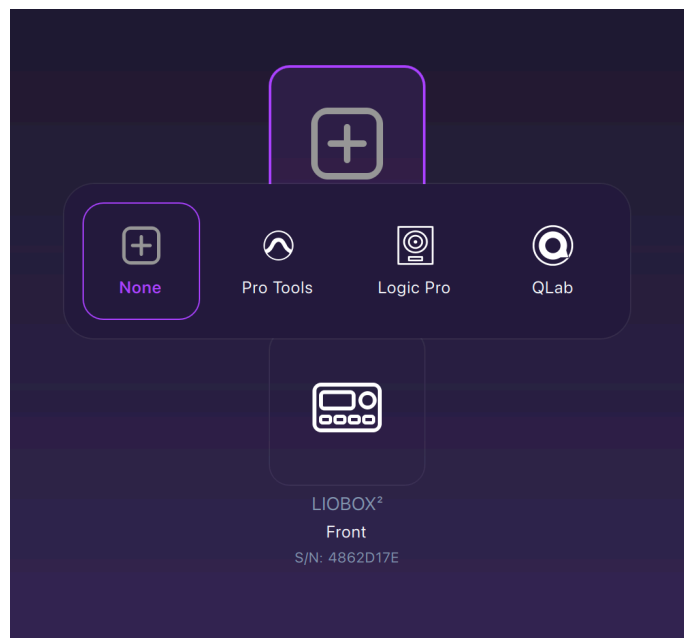


The BRIDGE App is composed of three sections:

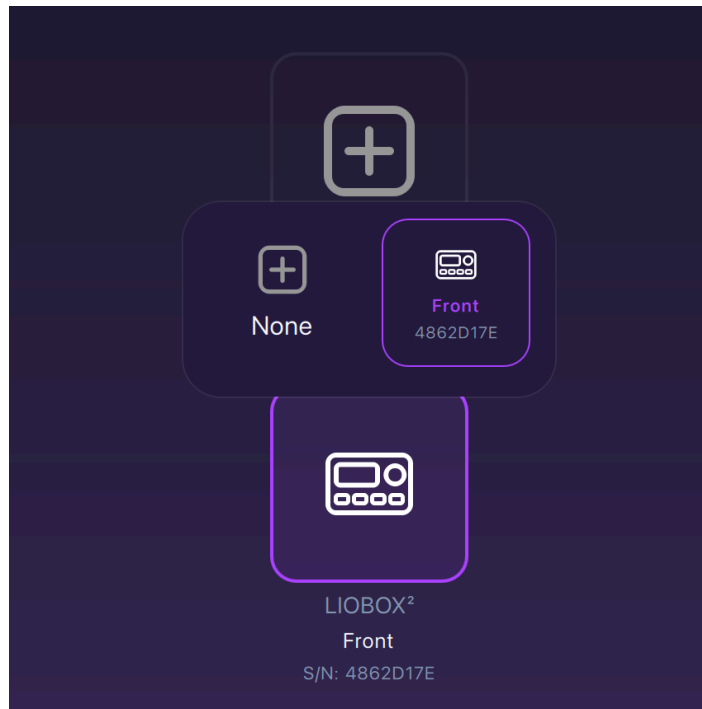
- DAW selection
- LIOBOX<sup>2</sup> selection
- Context section



The Context section will adapt based on the DAW or LIOBOX<sup>2</sup> selection.



DAW Selection

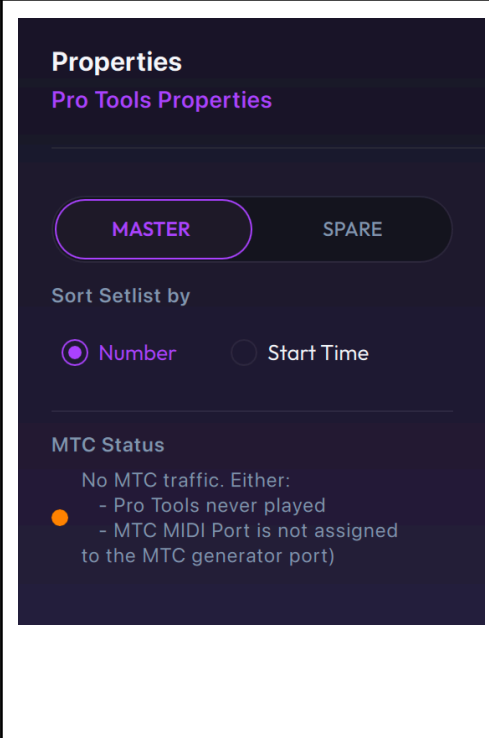


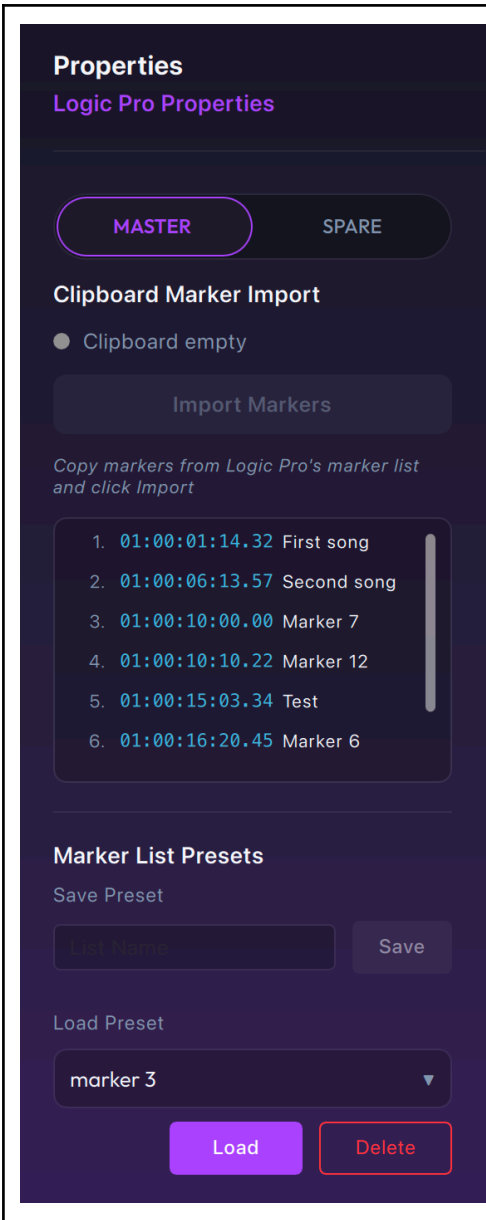
*LIOBOX Selection*

The LIOBOX<sup>2</sup> selection will only display connected LIOBOX<sup>2</sup>.

Warning: the current version of the GoorooLink is optimized with the use of only one connected LIOBOX<sup>2</sup>.

Properties View	Properties
<p><b>Properties</b> <b>Liobox Properties</b></p> <p>Gooroo LioBox SPARE [Liobox] (S/N: 486...</p> <p>Nickname</p> <p>Front ✓</p> <p>Device Information</p> <p>Name: Gooroo LioBox SPARE [Liobox] (S/N:...</p> <p>Serial: 4862D17E</p> <p>Input Port: Port #2: LioBox SPARE Port</p> <p>Output Port: Port #2: LioBox SPARE Port</p> <p>FW Version: 6.0.9</p> <p>HW Version: 24</p>	<p><b>LIOBOX Properties.</b></p> <ul style="list-style-type: none"><li>• <b>Nickname:</b> user-friendly name to easily differentiate one LIOBOX<sup>2</sup> from another (Front stage/Back stage for example). This name is internal to the BRIDGE App and is not used by MacOS or DAWs.</li></ul> <p>Display the Device Information (hardcoded):</p> <ul style="list-style-type: none"><li>• <b>Name</b> (as per MacOS USB-MIDI information)</li><li>• <b>Input/output ports:</b> MacOS MIDI ports/name. Note: if the MIDI device name is changed in the MacOS MIDI settings, it will appear here</li><li>• <b>Serial number</b></li><li>• <b>FW version:</b> firmware version</li><li>• <b>HW version:</b> hardware version</li></ul>

 <p>The screenshot shows the 'Pro Tools Properties' window. At the top, there are two buttons: 'MASTER' (highlighted in purple) and 'SPARE'. Below this is a 'Sort Setlist by' section with two radio buttons: 'Number' (selected) and 'Start Time'. At the bottom, there is an 'MTC Status' section with a yellow warning icon and the text: 'No MTC traffic. Either: - Pro Tools never played - MTC MIDI Port is not assigned to the MTC generator port'.</p>	<p><b>Pro Tools Properties.</b></p> <ul style="list-style-type: none"> <li>• <b>Master/Spare:</b> select to assign the connected LIOBOX<sup>2</sup> as Master or as a Spare. Prefer using Spare assignment when actively using redundancy</li> <li>• <b>Sort Setlist by</b> [Number; Start Time]: Pro Tools markers are created by index number. Nevertheless, markers can be freely moved creating a discrepancy between their timecode position and their order.</li> <li>• <b>MTC Status indicator:</b> Pro Tools requires the BRIDGE App MTC input port to be assigned to track the playhead position. This is an indicator that the MTC port is properly assigned. Note: Pro Tools only generate MTC when the playhead is moving. Therefore, it is required to have both the settings done and the playhead to have played to detect MTC traffic.</li> </ul>
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**Logic Pro** Properties.

- **Master/Spare:** select to assign the connected LIOBOX<sup>2</sup> as Master or as a Spare. Prefer using Spare assignment when actively using redundancy
- **Clipboard Marker Import:** import the Marker List from the clipboard. Requires the user to copy the Marker List from Logic Pro Marker List.
- **Marker List:** display the imported marker list (from Clipboard or Presets)
- **Marker List Presets:** up to 10 pre-imported Marker List can be saved to be reused from session to session
- **Save Preset:** save the imported preset with the provided name
- **Load Preset:** load selected Preset in the imported marker list
- **Delete Preset:** delete the selected saved Preset

	<p><b>QLab Properties</b></p> <p>Selection of the information displayed in the LIOBOX².</p> <ul style="list-style-type: none"> <li>• <b>Current Cue:</b> when multiple cues are Go'ed, it is necessary to select what information shall be displayed on the LIOBOX²             <ul style="list-style-type: none"> <li>○ <b>Longest running</b></li> <li>○ <b>Latest fired</b></li> </ul> </li> <li>• <b>Selected Cue</b></li> <li>• <b>Duration:</b> duration displayed as Remaining/Total duration. Selection applies similarly as for Current Cue             <ul style="list-style-type: none"> <li>○ <b>Longest running</b></li> <li>○ <b>Latest fired</b></li> </ul> </li> <li>• <b>Show Top Level Cue:</b> QLab cue can be multiple levels. When Show Top Level Cue is selected, it means that if the Current or Selected Cue are in a sub-level, then the Top level cue name will be provided</li> </ul> <ul style="list-style-type: none"> <li>• <b>Top Level Resolution:</b> select between Top Level Cue and Cue List (when available)</li> <li>• <b>Send Cue Color:</b> allow displaying the Cue colors on the Liobox Display</li> <li>• <b>Cue List Navigation:</b> change the effect of Next and Previous in case of usage in a project using Cue Lists</li> </ul>
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## BRIDGE STATES

Next to the APP > BRIDGE menu item can be displayed the current BRIDGE state:

APP > BRIDGE STATE	GOOROLINK TRAY ICON	STATUS
		The BRIDGE App has both DAW setup and LIOBOX² connected. The LIOBOX² can now control the DAW.
		The BRIDGE App has one of the two conditions: <ul style="list-style-type: none"> <li>• DAW setup and opened</li> <li>• OR LIOBOX² selected and supported</li> </ul>

		<p>The BRIDGE App is not detecting the DAW opened nor LIOBOX<sup>2</sup> selected</p>
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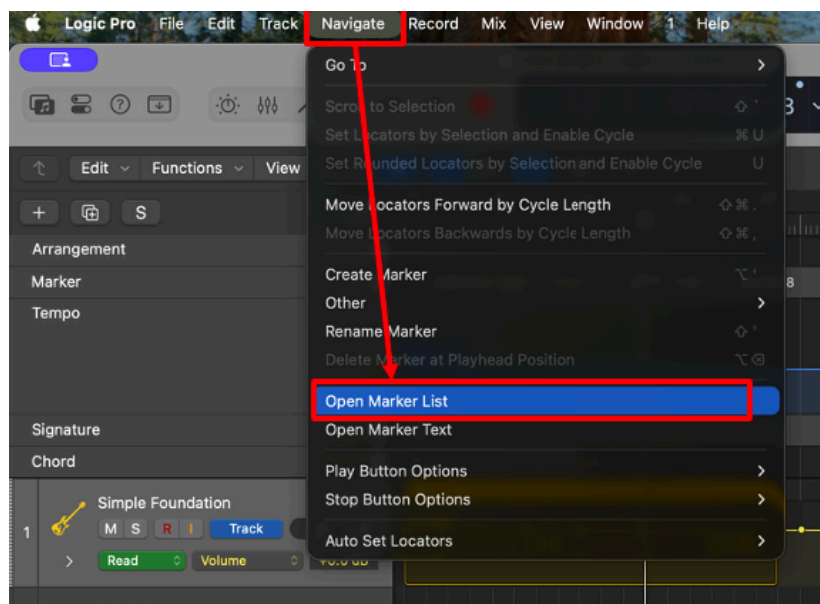
## LOGIC PRO: RETRIEVE MARKER LIST

Apple Logic Pro does not provide an API allowing marker list readout. This task is therefore left to the user. To simplify the export process, the BRIDGE App is retrieving information from the clipboard, so the user only needs to “Copy” the list of markers. The BRIDGE App is doing the rest.

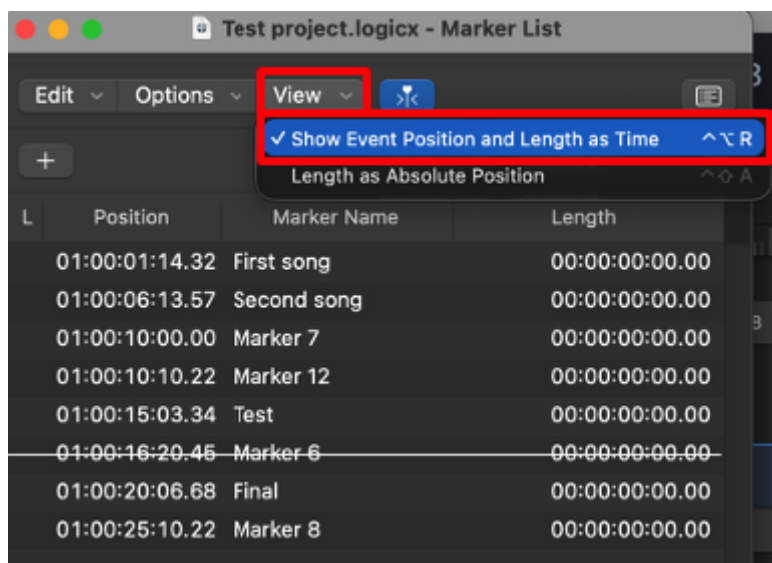
Important: is the marker list change OR if a marker position changes, this process must be redone.

Retrieve the marker list:

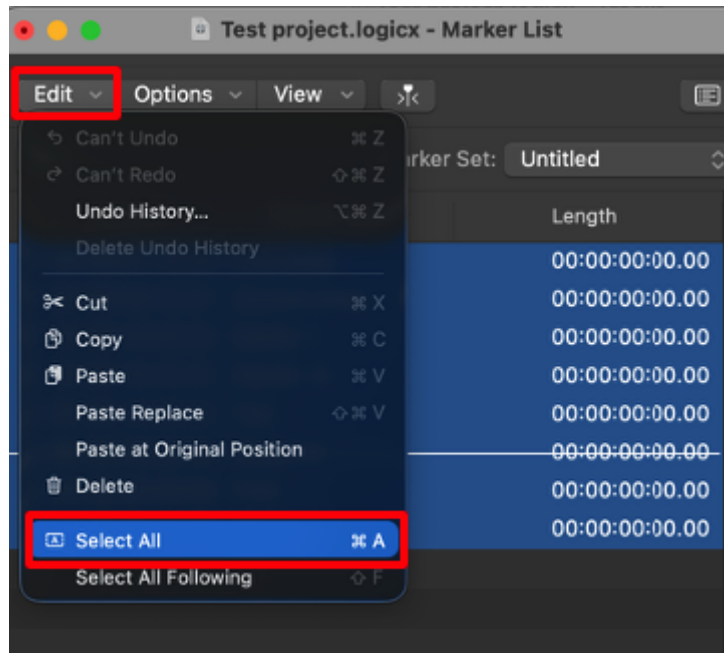
1. In Navigate menu, select Open Marker List



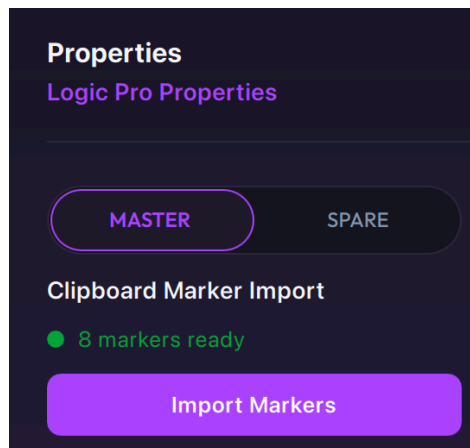
2. In View, select Show Event Position and Length as Time (or Shift + Option + R)



3. In Edit, select Select all (or Command + A)



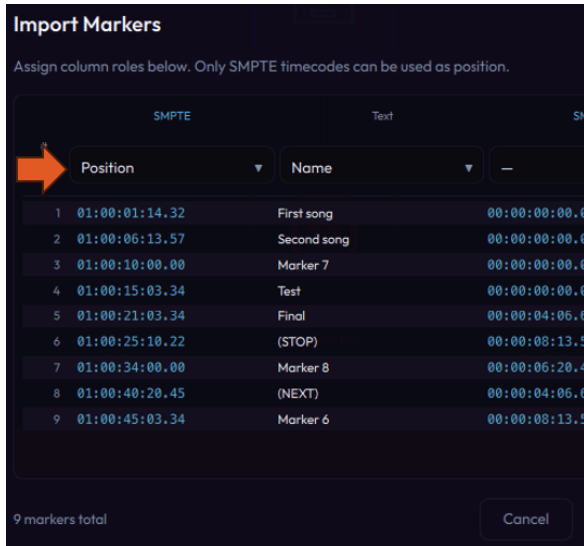
4. Copy the selection: Command + C (or Edit > Copy)
5. In the GoorooLink BRIDGE App Logic Pro Properties section the Marker List can be imported by clicking on the Import Markers button.





When importing, a pop up appears to request assigning "Position" and marker "Name" to columns. Use the drop-downs to assign information to columns.

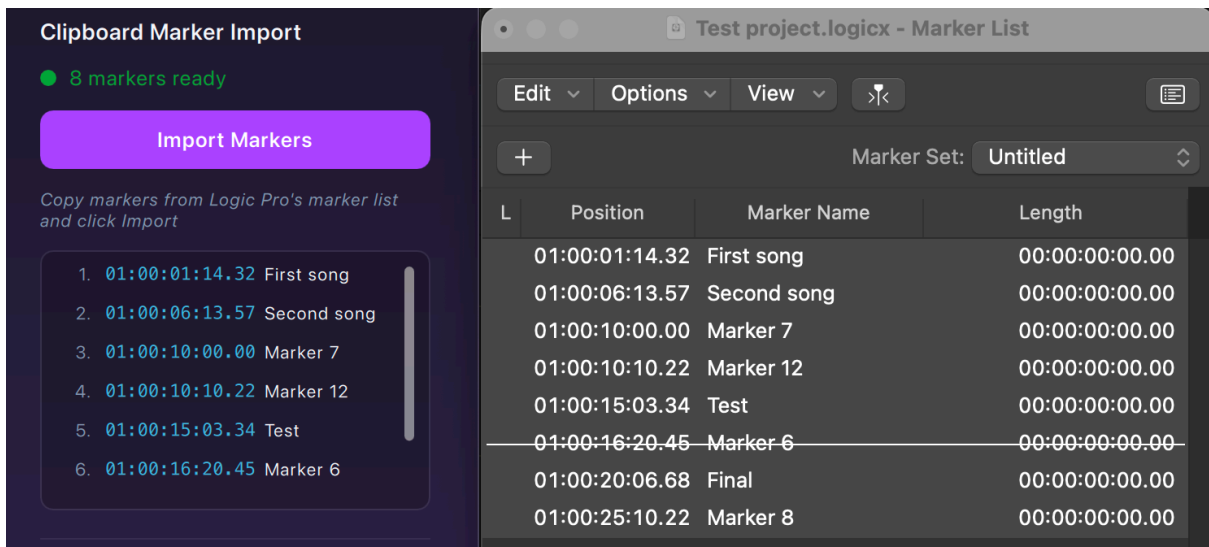
### Valid marker format



### Invalid marker format

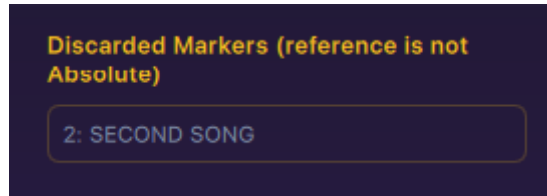


The Marker List can now be used by the LIOBOX<sup>2</sup> and the BRIDGE APP. The corresponding marker list can be matched between the BRIDGE App and the Logic Pro Marker List.

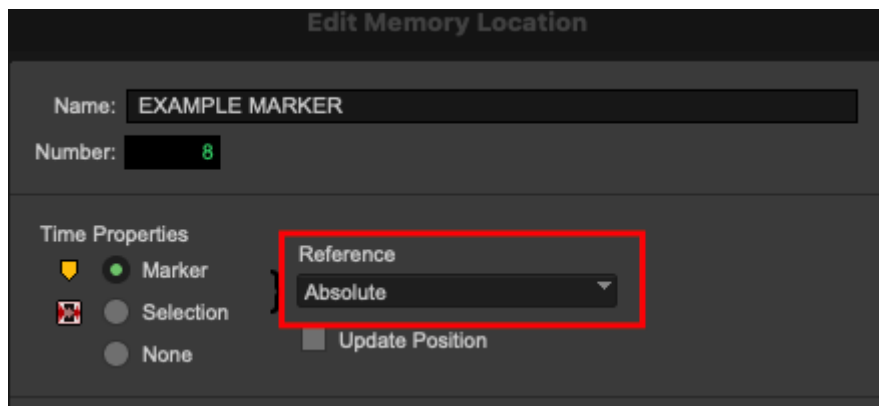


## PRO TOOLS: DISCARDED MARKERS

If the Pro Tools Properties panel shows the message “Discarded Markers (reference is not Absolute)”, this means that the markers will not be forwarded to the Liobox<sup>2</sup>.

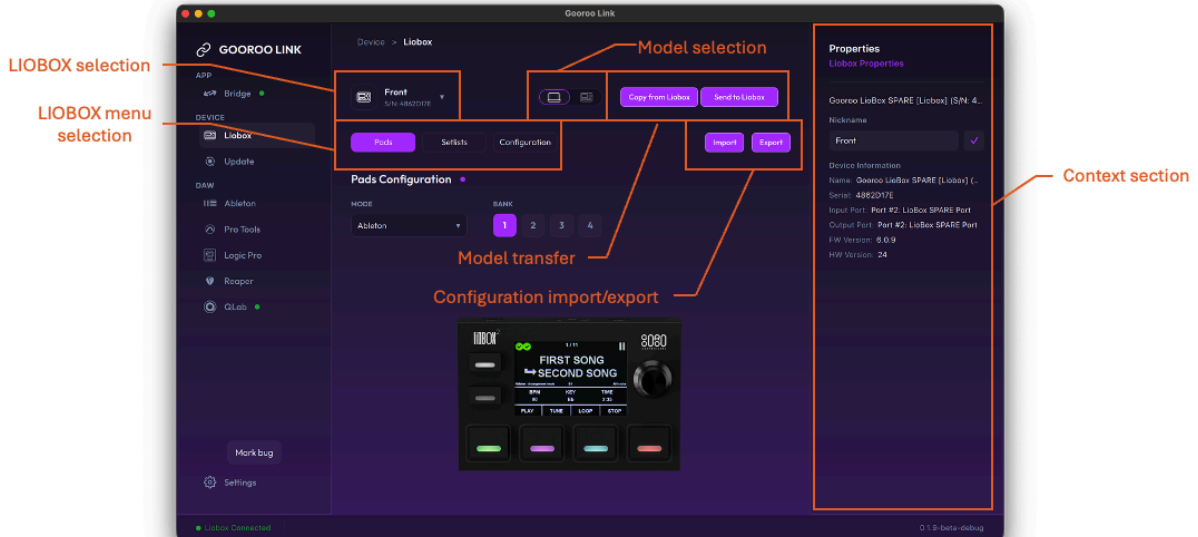


To clear this error, ensure the marker reference is set to “Absolute”.



## DEVICE > LIOBOX

The DEVICE > LIOBOX module allows configuring all LIOBOX<sup>2</sup> parameters: setlists, pads and settings.





### LIOBOX SELECTION

Select a connected LIOBOX<sup>2</sup> to visualize this specific LIOBOX<sup>2</sup> parameters.

### MODEL SELECTION

Select which model to visualize:

-  CACHED
-  Connected LIOBOX<sup>2</sup>.

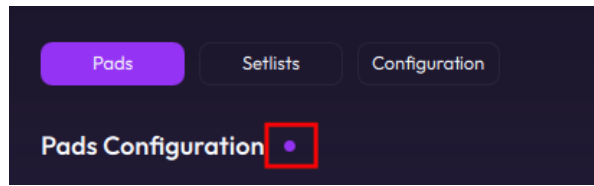
The DATA MODEL (or MODEL) corresponds to a description of all parameters saved in the LIOBOX<sup>2</sup>.

*CACHED Model:* corresponds to the model that can be modified without altering the actual LIOBOX<sup>2</sup> memory. This model is editable.

*LIOBOX<sup>2</sup> Model:* corresponds to the exact content of the LIOBOX<sup>2</sup>. This model is NOT editable directly. Use the transfer function (Send To Liobox) to replace the content of the CACHED model in the physically connected LIOBOX<sup>2</sup>.

### DATA MODEL MISMATCHES

A mismatch between the CACHED and LIOBOX<sup>2</sup> data model is represented by a "dot" next to the selected LIOBOX menu name.



### MODEL TRANSFER

The CACHED model is loaded with default values which might not match the currently connected LIOBOX<sup>2</sup> model. It is possible to either:

- **Copy from LIOBOX:** replace the CACHED model with the LIOBOX<sup>2</sup> data model. This operation is purely internal to the GoorooLink.
- **Send to LIOBOX:** replace the LIOBOX<sup>2</sup> model with the content of the CACHED model. This operation involves transferring the data to the LIOBOX<sup>2</sup> through its USB link, which can take a couple of seconds.

### CONFIGURATION IMPORT / EXPORT

The CACHED model can be saved and retrieved (exported and imported) to be reused:

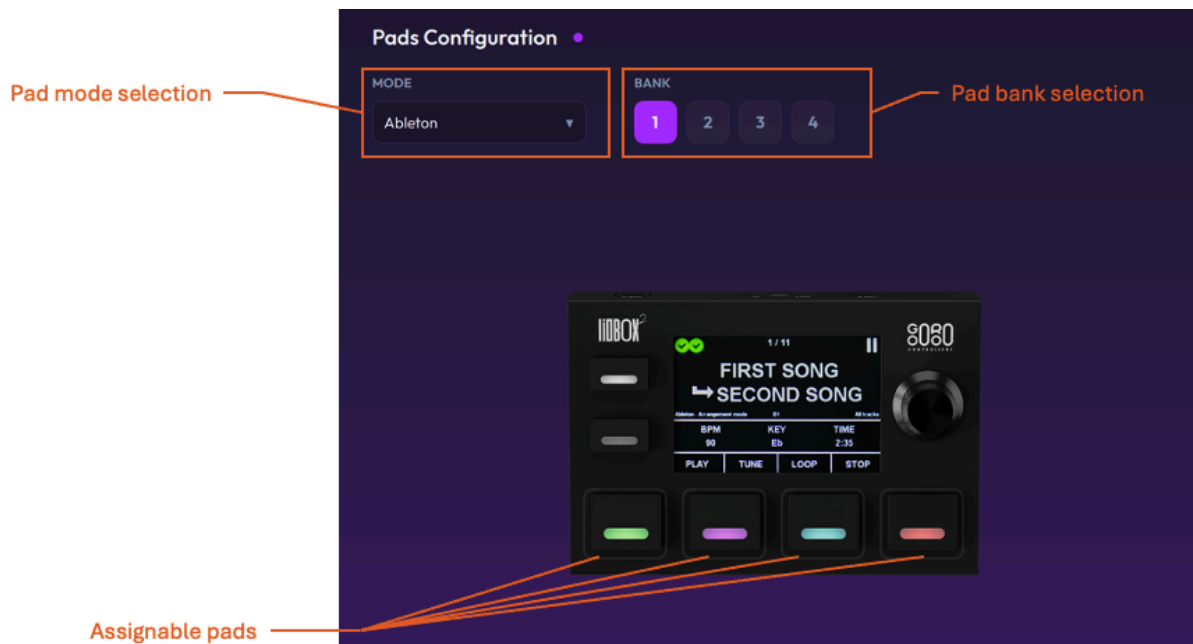
- **IMPORT:** replace the content of the CACHED model (pads, setlist and settings) from the file content.
- **EXPORT:** save the content of the CACHED model in a file.

This is particularly useful when having multiple LIOBOX<sup>2</sup> on stage and requiring duplicating the configuration of the LIOBOX<sup>2</sup>.

### LIOBOX MENU SELECTION

Select the category of information to be displayed.

### PADS CONFIGURATION

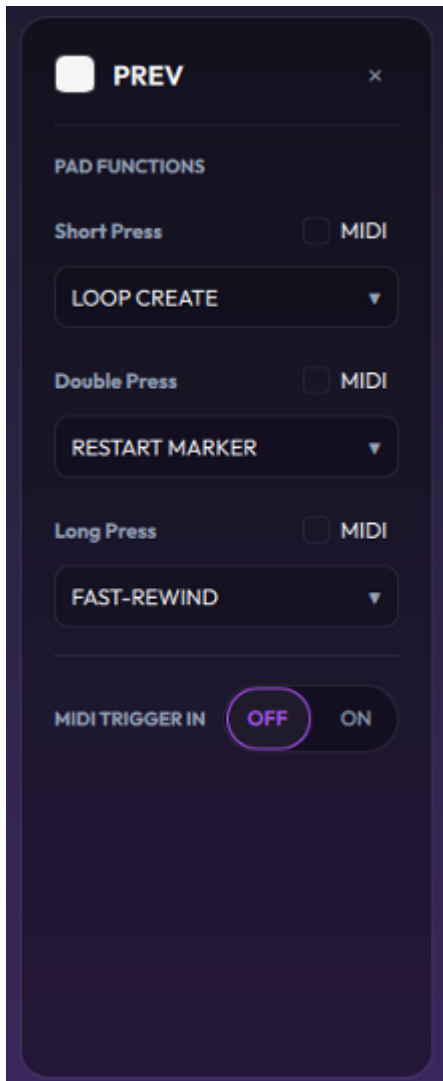


### PAD MODE SELECTION & PAD BANK SELECTION

Each assignable pad has a unique configuration depending on the selected mode and the selected bank.

### ASSIGNABLE PADS

Click on any of the four assignable pads to modify its function.



#### **PAD COLOR**

Select the pad LED color

#### **PAD NAME**

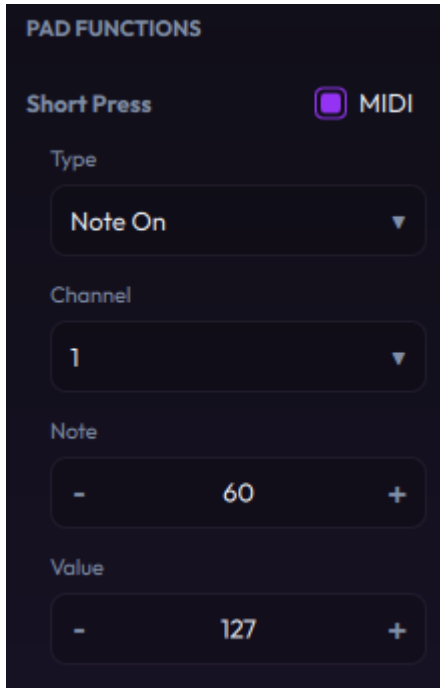
Name to be given to the pad (will be displayed in certain Screen mode selections)

#### **PAD FUNCTIONS**

List of pad function (dependant of the Mode selected)

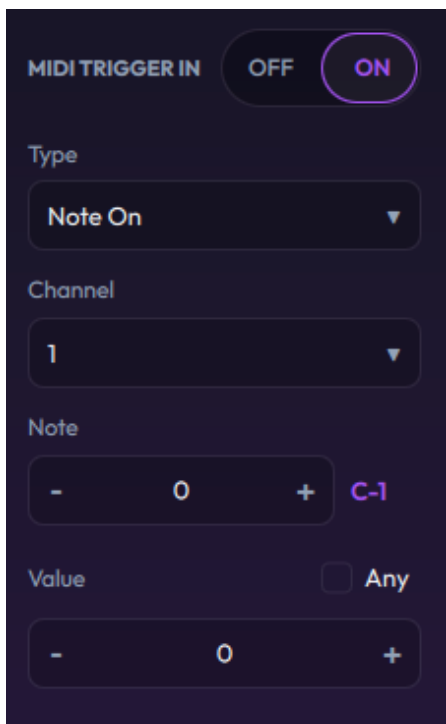
#### **MIDI TRIGGER IN**

Activate/deactivate the pad MIDI IN



**PAD FUNCTION = MIDI**

When selected, the pad function will transfer a MIDI note, control change or program change depending on the selection.



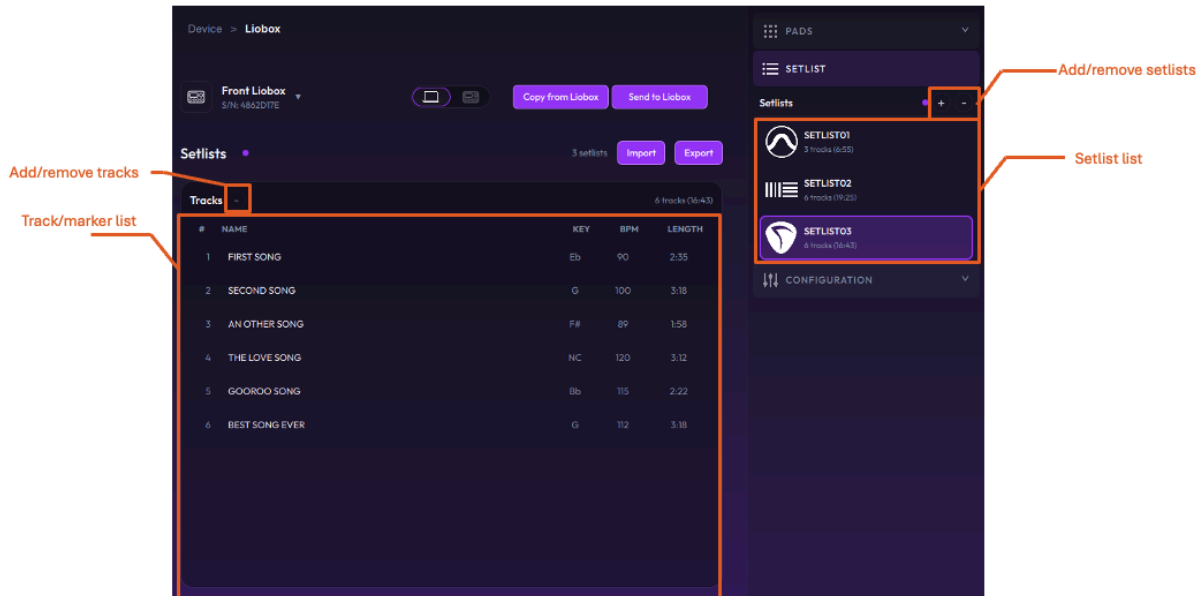
**MIDI TRIGGER IN ENABLED**

When enabled (ON), the MIDI messages received in the LIOBOX<sup>2</sup> MIDI port are checked against these configured values. If matched, the LIOBOX<sup>2</sup> will trigger the corresponding pad Short Press function.

**VALUE = ANY**

When checked, the Note value is not checked against the received MIDI message (any value is accepted from 0 to 127)

## SETLISTS



### SETLIST LIST

List of Setlist stored in the selected model by order of creation.

Setlist can be added or removed (only in CACHED model selection).

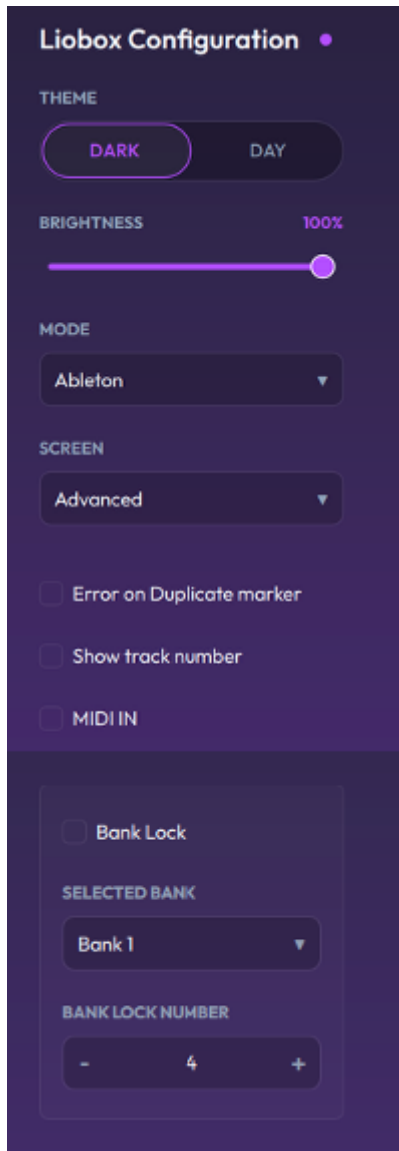
### TRACK/MARKER LIST

List of tracks/markers stored in the selected model.

Select and drag to change the order in the Setlist.

Markers can be removed or added to the setlist by using the corresponding buttons.

## LIOBOX CONFIGURATION



### **THEME**

LIOBOX<sup>2</sup> display mode (dark or day).

### **BRIGHTNESS**

LIOBOX<sup>2</sup> display brightness.

### **MODE**

LIOBOX<sup>2</sup> mode selection (Ableton, Pro Tools, Logic Pro, Reaper, QLab, Midi, all tracks, setlist mode, ...)

### **SCREEN**

LIOBOX<sup>2</sup> display layout.

### **ERROR ON DUPLICATE MARKER**

Display an error in case two markers have the same name (redundancy mode).

### **SHOW TRACK NUMBER**

Add the track number before the displayed track name.

### **MIDI IN**

Enable the MIDI IN port of the LIOBOX<sup>2</sup>

### **BANK LOCK**

Lock the bank selection to the currently selected bank.

### **SELECTED BANK**

Selected bank number (1 - 4)

### **BANK LOCK NUMBER**

Maximum bank number (1 - 4)

Refer to the LIOBOX<sup>2</sup> User Manual for more information about the usage of these settings.

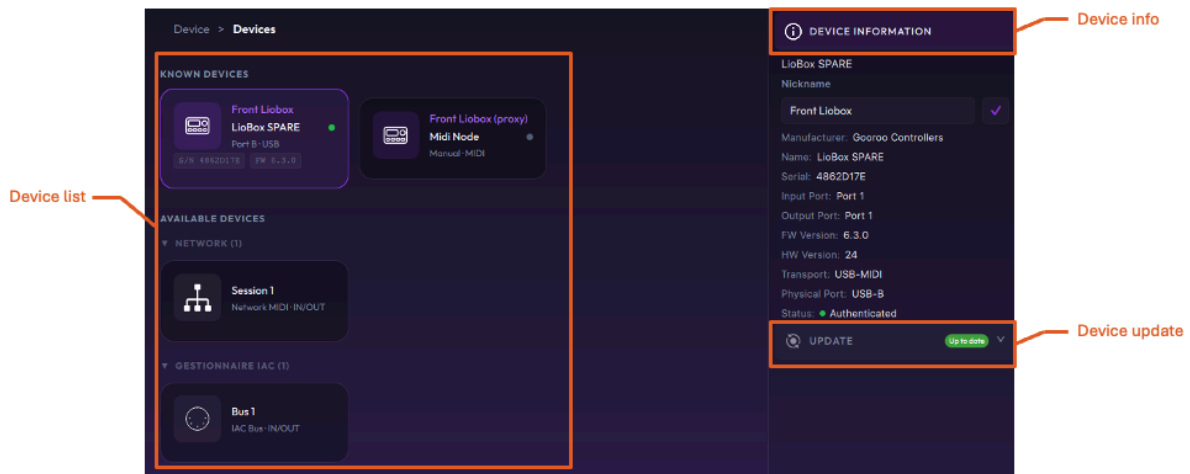
## DATA MODEL (MODEL) CONCEPT

The DATA MODEL (or MODEL) corresponds to a description of all parameters saved in the LIOBOX<sup>2</sup>.

*CACHED Model:* corresponds to the model that can be modified without altering the actual LIOBOX<sup>2</sup> memory. This model is editable.

*LIOBOX<sup>2</sup> Model:* corresponds to the exact content of the LIOBOX<sup>2</sup>. This model is NOT editable directly. Use the transfer function (Send To Liobox) to replace the content of the CACHED model in the physically connected LIOBOX<sup>2</sup>.

## DEVICE > DEVICES



## DEVICE LIST

The Device List is divided into two categories:

- Known Devices: device registered as a Gooroo Controllers device (Liobox, ...)
- Available Devices: MIDI devices grouped by pair of MIDI IN/OUT that can be used as Proxies

The Known Devices automatically list the connected devices as well as the [manually assigned to devices](#).

## DEVICE INFORMATION






Known Devices can be assigned a nickname so it becomes easier to recognize. Note that this nickname does not rename the actual device and only lives inside the Gooroolink application.

Properties View	Properties
	<p><b>DEVICE INFORMATION.</b></p> <ul style="list-style-type: none"> <li>• <b>Nickname:</b> user-friendly name to easily differentiate one LIOBOX<sup>2</sup> from another (Front stage/Back stage for example). This name is internal to the BRIDGE App and is not used by MacOS or DAWS.</li> </ul> <p>Display the Device Information (hardcoded):</p> <ul style="list-style-type: none"> <li>• <b>Manufacturer</b></li> <li>• <b>Name</b> (as per MacOS USB-MIDI information)</li> <li>• <b>Input/output ports:</b> MacOS MIDI ports/name. Note: if the MIDI device name is changed in the MacOS MIDI settings, it will appear here</li> <li>• <b>Serial number</b></li> <li>• <b>FW version:</b> firmware version</li> <li>• <b>HW version:</b> hardware version</li> <li>• <b>Transport:</b> type of peripheral used (USB, RTP, ...)</li> </ul>



	<ul style="list-style-type: none"> <li>• <b>Physical port:</b> Liobox USB from which MIDI traffic is emitted.</li> <li>• <b>Status:</b> see below</li> </ul>
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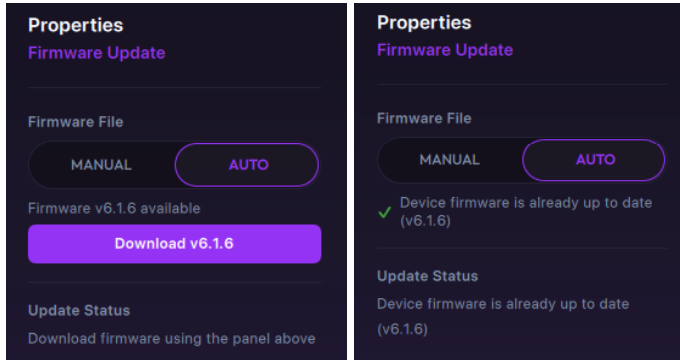
The device status depicts the state the device is in.

Status	Description	GC Devices	Proxy
<b>AVAILABLE DEVICES</b>			
<b>Available</b>	Device ready to be assigned	N/A	
<b>KNOWN DEVICES</b>			
<b>Disconnected</b>	The Proxy is not plugged into the computer, hence not visible.	N/A	
<b>Connected</b>	The Proxy is visible. The GoorooLink will attempt authenticating to the Gooroo Controllers device periodically.	N/A	
<b>Authenticated failed</b>	Authentication cannot be completed and cannot be used in the GoorooLink apps.		
<b>Authenticated</b>	The device can be used in the Bridge or Liobox Apps		
<b>Update available</b>	A newer firmware is available. Ensure to have the Gooroo Controllers device plugged directly to the computer to make the Update section visible		

## DEVICE UPDATE

A device can be updated directly through the Device Properties panel. Only **USB-connected Gooroo Controllers** devices can be updated.

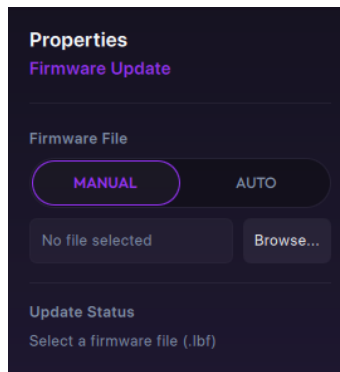
### Manual vs Auto



#### **Auto**

Automatically propose the latest compatible firmware version. Before being able to update the Liobox<sup>2</sup>, the firmware file needs to be downloaded from the server. This file is then stored and can be reused later.

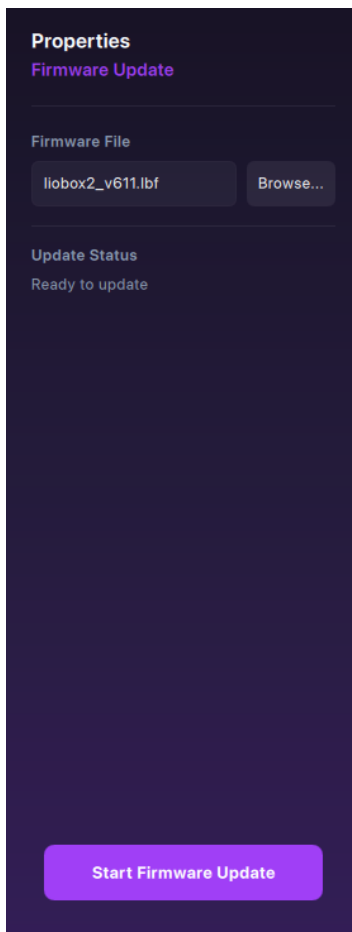
Once available, simply start the firmware update



**Manual:** advanced users only

Browse for the file manually before being able to go through the update process.

Update process

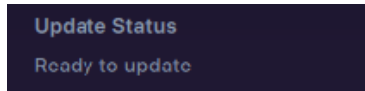


**FIRMWARE FILE**

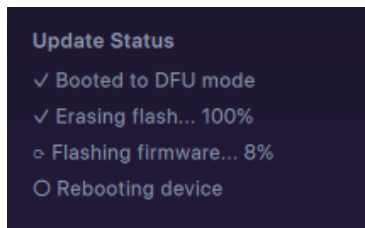
Manual: load the firmware file manually.  
 Auto: download the proposed firmware file.

**UPDATE STATUS**

Information about the status and progress of the update

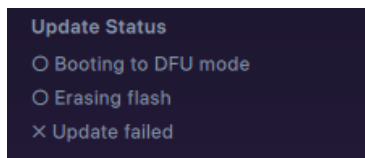


*Ready to update*  
 Firmware file is loaded and compatible device selected



*Update progressing normally*  
 Firmware update is progressing. This process takes between 10s and 20s for a LIOBOX<sup>2</sup>

**DO NOT DISCONNECT THIS LIOBOX<sup>2</sup> DURING THIS PROCESS.**



*Update failed*  
 The update process failed. Try again and/or contact Gooroo Controllers support for troubleshooting.

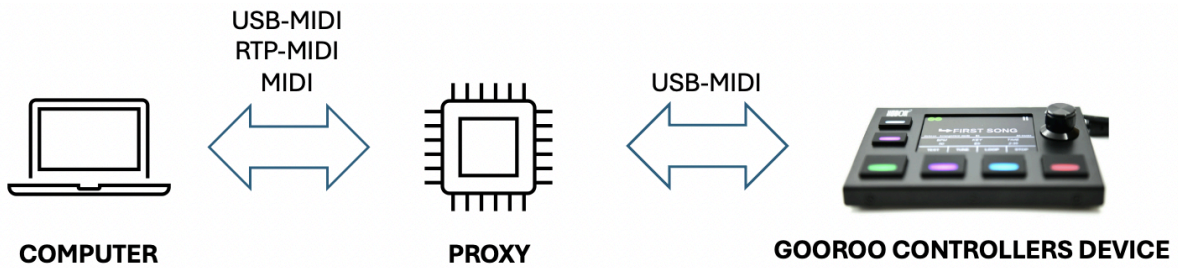
**START FIRMWARE UPDATE**

Proceed with the device firmware update. Requires:

- A valid Firmware File
- A valid selected device

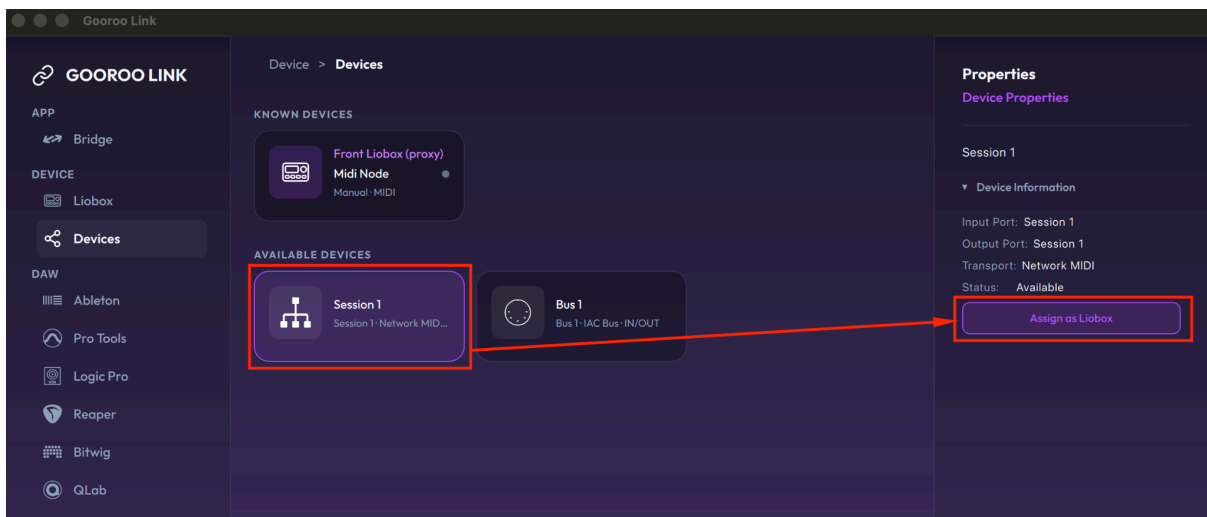
## DEVICE ASSIGNMENT

The Device Assignment capability allows the usage of a Proxy MIDI device to reach a Gooroo Controllers device.



As the Gooroo Controllers Device cannot be seen from the laptop directly, it is the user's task to let the GoorooLink know which Proxy is being used by **manually assigning** to a device.

To do so, simply select a peripheral in the *Available Devices* list and *Assign as Liobox*. The Proxy is now listed in the *Known Devices* list.



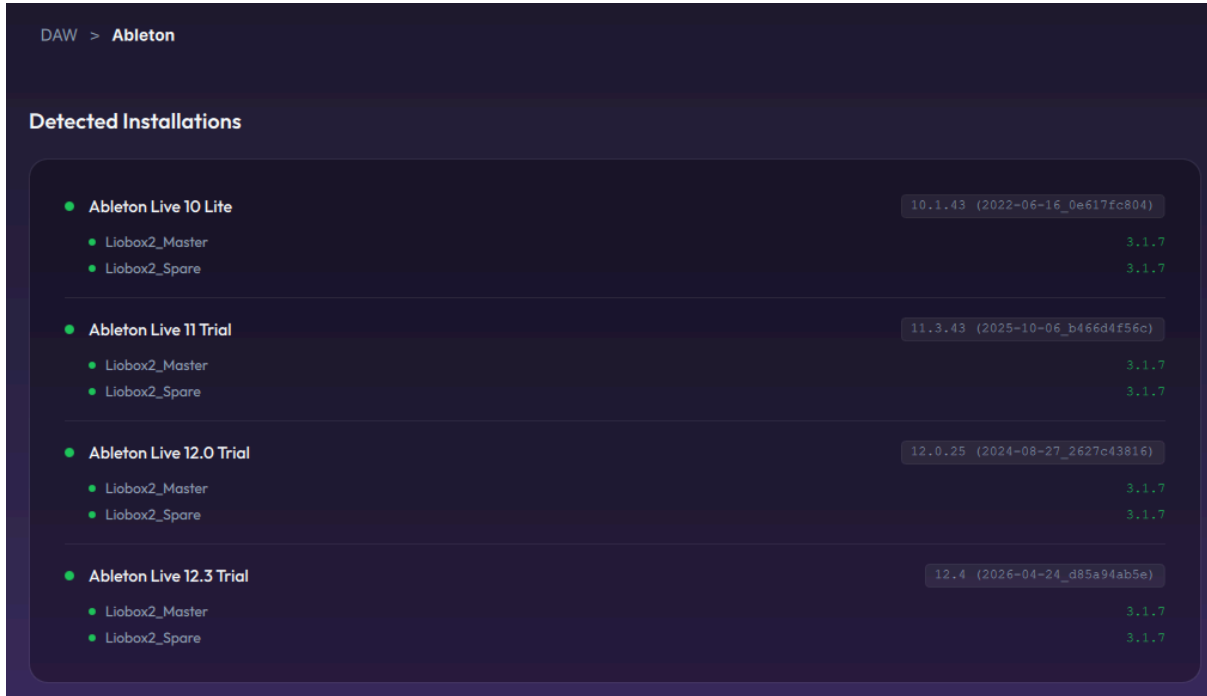
Once assigned, the GoorooLink will save this assignment and always display the device (even if disconnected) under the *Known Devices* list.

When in the *Known Devices* list and *Connected*, the GoorooLink will start scanning this port to start communicating with the assigned device.

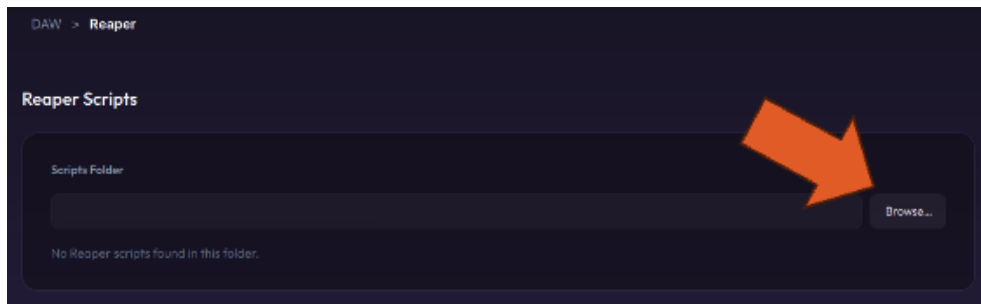
## DAW

The DAW views allow the see the auto-detected DAW installations and their versions.

For Ableton and Reaper, the DAW view also allows to visualize loaded scripts, their compatibility as well as update them if a newer version is detected.



Note: Reaper script can be loaded from any folder of the system. In order for the GoorooLink to detect the script versions, it is necessary to manually browse for the folder containing the scripts. Once set, the GoorooLink will automatically scan the scripts.

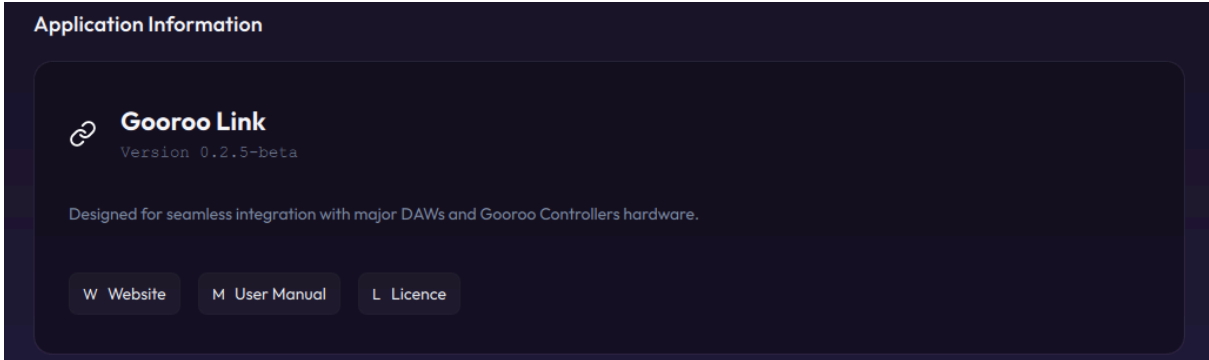


# SETTINGS

## APPLICATION INFORMATION

Generic application information and links to various resources.

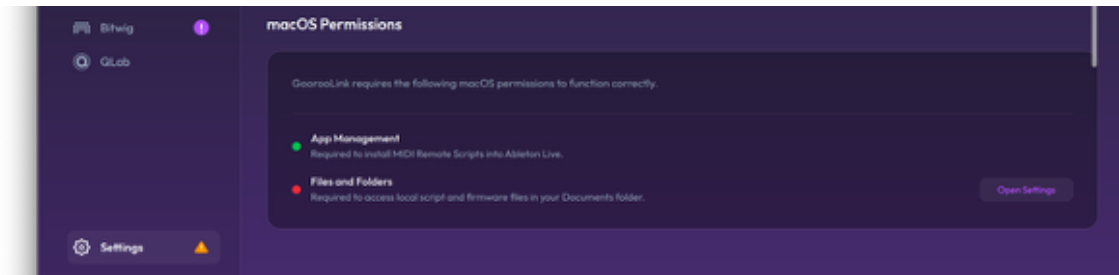
The **software Licence**: End User License Agreement (EULA) and third-party licenses can also be read from this location.



## MACOS PERMISSIONS

This application requires both **App Management** and **Files & Folders permissions** to fully function.

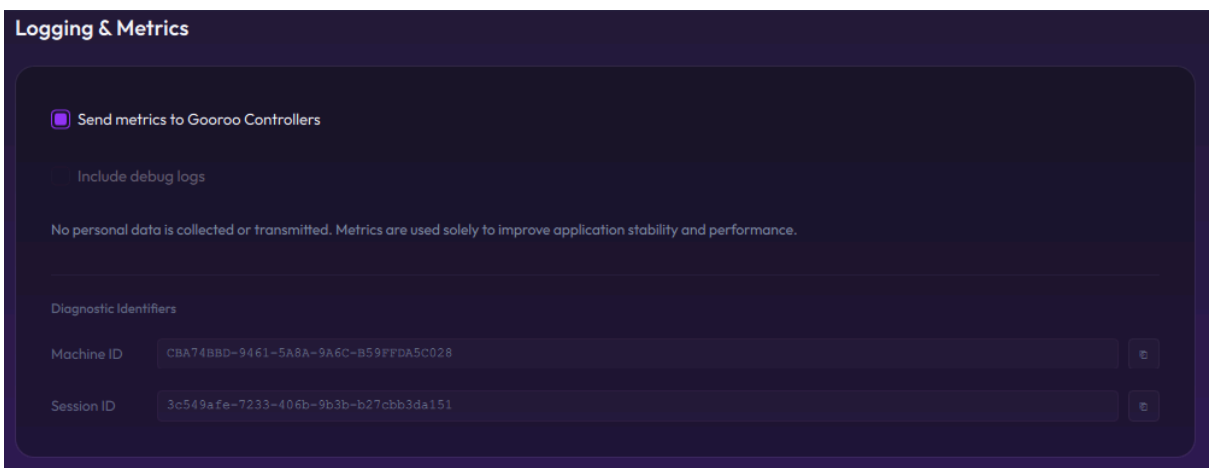
The app settings allow verifying the permissions are set. If not, a warning indication will appear.



Not granting permissions will lead to [Auto-update failures](#).

## LOGGING & METRICS

The application logs information and actions locally. These information are anonymized by the usage or randomly generated IDs.





These metrics can be shared and uploaded automatically to Gooroo Controllers servers. These logs are only used to improve the application stability, performances.

**No personal information or data is collected nor transmitted.**

## AUTO-UPDATES

When the GoorooLink starts, it scans the Gooroo Controllers servers for the latest versions of the scripts (Ableton and Reaper), GoorooLink software and Liobox<sup>2</sup>.

This allows checking cross-compatibilities and auto-updating if need be:

- Liobox<sup>2</sup> with GoorooLink
- Liobox<sup>2</sup> with Ableton scripts
- Liobox<sup>2</sup> with Reaper Script

**As a general rule, always make sure your systems are at the latest versions.** New features and bug fixes are regularly released.

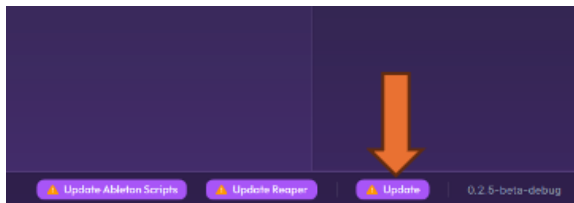
The GoorooLink can report:

- Incompatibility: features will inoperative at best or the system will not be operative at all
- Outdated: a newer version is available
- Compatible: all features can be used

Important: ensure to grant the GoorooLink rights to access and write to folders when prompted.

### GoorooLink Software Update

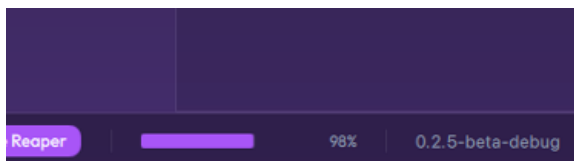
The GoorooLink Software Update is a 3-steps process:



#### #1: A newer version is detected.

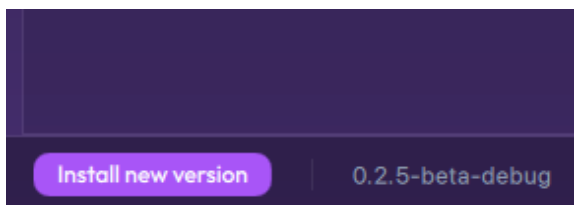
Hover over the button to retrieve more information about the newest version.

Click to launch the process of downloading this new version from the Gooroo Controllers servers.



#### #2: New version is being downloaded.

Wait for the completion of the download. All the GoorooLink features are still available while this download is ongoing.



#### #3: Install new version.

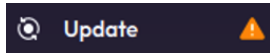
Click to install the new version. This will close and re-open the GoorooLink.

Closing the GoorooLink without installing the new version will reset this process.

### Liobox<sup>2</sup> firmware update

Refer to section [Device > Update](#) for the detailed procedure for updating the Liobox<sup>2</sup> firmware.

The Liobox<sup>2</sup> firmware status is shown on the Menu bar, with an icon next to the Update menu element.



Liobox<sup>2</sup> firmware **incompatible**.

A firmware update is required to use Liobox<sup>2</sup> features with the GoorooLink



Liobox<sup>2</sup> firmware **outdated**.

A newer firmware is available but does not prevent using GoorooLink features. Nevertheless, compatibility with scripts might not be insured.



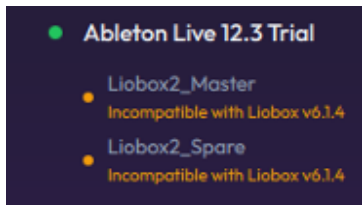
Liobox firmware **compatible/up to date**.

Firmware is at its latest version and fully compatible with the GoorooLink

### Scripts update

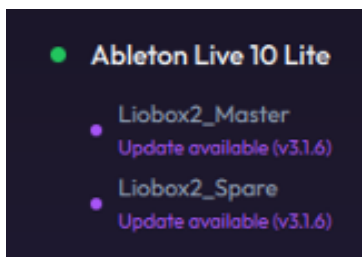
Similarly, the script versions are also checked and can be updated through the GoorooLink.

#### Script status



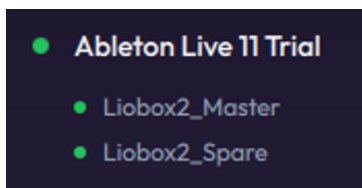
Script **incompatible**.

The detected Liobox<sup>2</sup> firmware version and the installed script will not work together.



Script **outdated**.

A newer script is available but the current one is compatible with the current Liobox.



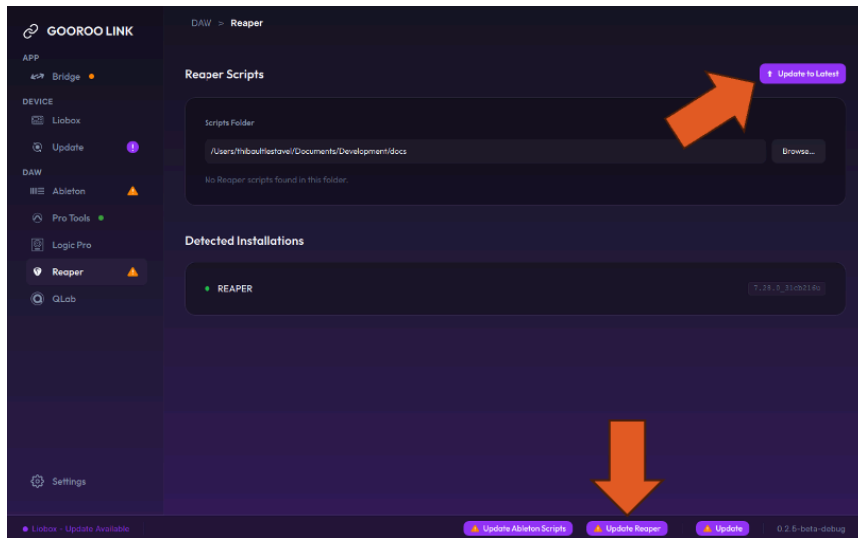
Script **compatible/up to date**.

The script is up to date and compatible with the Liobox<sup>2</sup> detected firmware version.

#### Script Update process



The script can be updated simply by clicking on the “Update Script” button either on the Status bar or inside the DAW view.



# TROUBLESHOOT

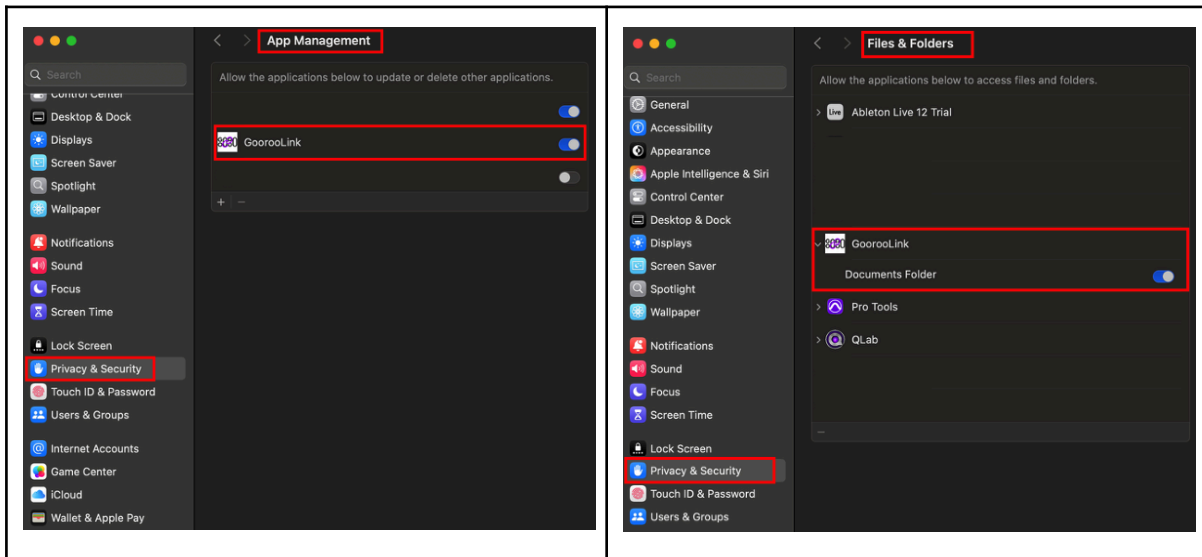
## AUTO-UPDATE FAILS

By default, MacOS prevents applications from accessing, modifying or creating files and folders in any other location than the application itself.

When auto-updating, the GoorooLink needs to have access to different folders to copy all the necessary files. When doing so for the first time, a prompt will appear to request the user's confirmation.

It is still possible to grant the rights from the MacOS Settings, in Privacy & Security settings. Right shall be granted for:

- App Management (script copy in Ableton)
- Files & Folders (local script, firmware and software files)



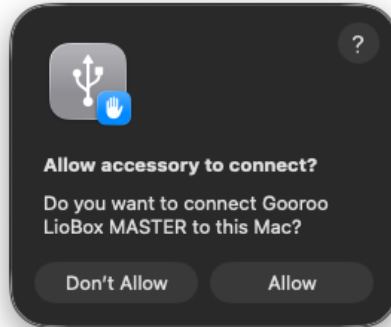
If GoorooLink is not visible, add it manually with the + sign at the bottom.



## LIOWOX<sup>2</sup> NOT DETECTED

MacOS can block USB peripherals when a new device is being connected.

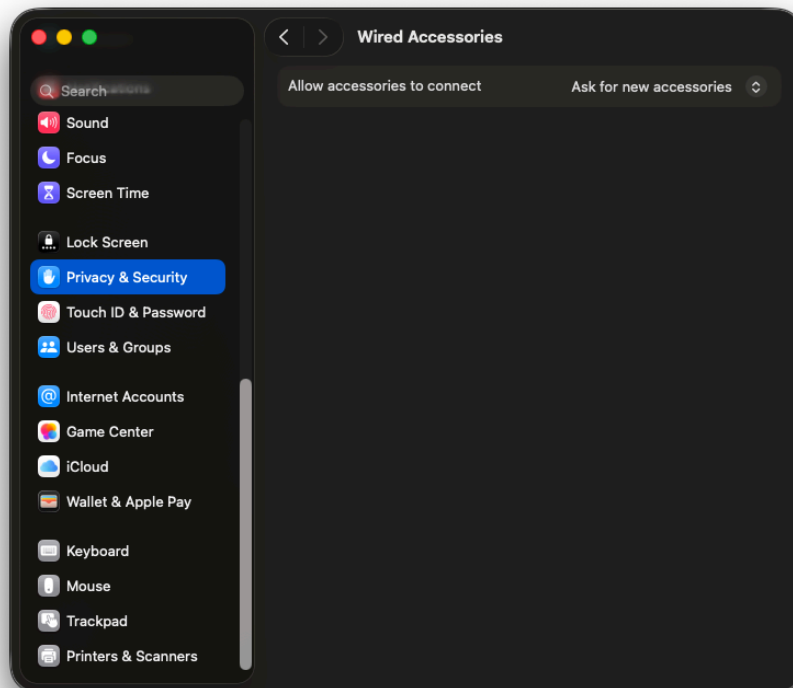
Ensure to always **Allow** the Liobox to connect.



In case "Don't Allow" is clicked, this pop-up might not show again which will prevent the use of the Gooroolink.

To reset this state, go into the System Settings > Privacy & Security > Accessories (at the bottom).

Click on the Allow accessories to connect list. Selecting the same element will work.





## RECOVERY – LIOBOX<sup>2</sup> DISCONNECTED DURING REFLASHING

Warning: this process is only valid for Liobox<sup>2</sup>.

In the event of a power failure during reflashing (USB removed, computer turned off or put to sleep, ...), the memory of the Liobox<sup>2</sup> will be corrupted preventing it from booting correctly.

To recover, follow this procedure:

1. Remove all USB from the Liobox
2. Maintain the Liobox<sup>2</sup> MENU button pressed (the upper left one)
3. Plug the USB cable to the USB Spare (Port B)
4. Open the GoorooLink application and select the DEVICE > UPDATE module. The LIOBOX<sup>2</sup> will appear as a DFU device
5. Proceed with the firmware update as described in the [UPDATE section](#).



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Script or software are strictly reserved for use with the Gooroo Controllers products. It is strictly forbidden to modify or use for any other purpose the script provided at the time of download. GOOROO CONTROLLERS cannot be held responsible for any damage to the LIOBOX<sup>2</sup> or other third-party equipment resulting from modification or misuse of the script or software supplied, other than as provided for in this manual.

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- Changes in third-party interfaces or functionality that may render these instructions obsolete.