Programming the Blu2Light System
Using LiNA Connect

Operating the Blu2Light System
Using LiNA Touch
Thank you for choosing the Vossloh-Schwabe Blu2Light system. Prior to using the product, please read this operating manual to familiarise yourself with the system’s functions.

Any person tasked with system setup, commissioning, operation, maintenance and repair must
• be suitably qualified and
• closely observe the provisions of this operating manual.

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DOWNLOADING THE APP

At present, the two apps are available in iOS versions from the Apple app store. The Android version of LiNA Touch is due to be available via Google Play from the autumn of 2019.
INTRODUCTION TO THE SYSTEM

Once you have successfully downloaded LiNA Connect and LiNA Touch from the app store, open LiNA Connect to start programming the Blu2Light system.

CREATING / ADDING A NEW SYSTEM

Press 🔄 in the lower right corner.

Confirm with CREATE NEW SYSTEM.

The new system appears as a dark square.
**ADDING BLUETOOTH® DEVICES**

Click on the button in the lower right corner.

Scan the QR code on the Bluetooth® device.

Name the new Bluetooth® device and confirm with **CONTINUE**.

The successfully added Bluetooth device appears in a blue highlighted square.
EXPRESS SETUP

Click on in the top right corner. Select “Express Setup”.

A successful express setup means each Bluetooth device searches for all connected DALI devices and creates a function group. All DALI devices are connected to this function group.

Confirm with START.

Name the function group and confirm with SAVE.

Confirm with START.
**MANUAL DALI ADDRESSING**

Select a Bluetooth® device.

Click on "Delete & Search".

If the DALI addressing was successful, all DALI devices are highlighted as a blue square.

Click on in the lower right corner to create a new function group.

Select the group type. The type of the group depends on how many channels the DALI driver/luminaire has.

Use the plug symbol to group the luminaires by drag & drop.

If the grouping was successful, an entry appears under each DALI device.
CONFIGURATION OF SCENES

Click on + in the bottom row.
Name the new scene.
Confirm with CREATE SCENE.

Click on TEST in the lower right corner to test the scene on a functional group.

Click on the “% value” above channel 1.
Enter the desired light value as %-value.

The “Digital value” allows to insert a DALI value.
**CONFIGURATION OF SEQUENCES**

Click on + in the bottom right corner.
Name the new sequence.
Confirm with **CREATE SEQUENCE**.

Drag and drop the different scenes into the sequence.

The new sequence appears in a blue highlighted square.
Select the new sequence.

Go to the time value button **00:00:00** and select the “Runtime” of each step in the new sequence.
**CONFIGURATION OF THE BRIGHTNESS SENSOR**

Click on "Activate sensor" to activate the brightness sensor. Click on **EVENT CONFIGURATION**.

Use drag and drop to add the brightness sensor to any function group that requires brightness detection. Confirm this with **CONTINUE**.

Click on "Light level" and define the desired light level with the slider.

Wait a few seconds and check whether the “Current Sensor Value” has changed.

Click on “Start” to confirm the configured light level and the reference value of the sensor.
**CONFIGURATION OF THE MOTION SENSOR**

Click on "Activate Sensor" to activate the motion sensor.

Switch back to the overview of Bluetooth® devices.

Select each function group with a long touch to set the motion sensor parameters.
- "Active light level" & “Time, active”
  Appears when the motion sensor detects something
- “Passive Light Level” & “Time, Passive”
  Appears when the time, active, has expired.
- “Basic brightness”
  Appears when “Time, passive” has elapsed and the motion sensor does not detect anything.

Drag and drop the motion sensor to any function group that requires motion detection.
**CONFIGURATION OF THE TIMER**

Click on the plus icon in the bottom line of this page to create a new timer and name the timer.

Click on **CONTINUE** to activate the timer.

Select the time required using the two circles on the right:
- Setting the date
- Outer circle, for setting the hours
- Inner circle, to set the minutes

Go to **EVENT CONFIGURATION** on the Blu2Light system overview. Insert the “Timer” into the correct function group by drag & drop.

Select “Type”.

Example type: Scene
Select the scene to be displayed.
Select the “Mode” system.
You can change the “Mode” of the system with the timer.

Use “Type” to select when the timer should act.
Options to choose from: Once, daily, weekly

Select the scene to be displayed.
Select the “Mode” system.
You can change the “Mode” of the system with the timer.
**CONFIGURATION OF THE BLUETOOTH® SWITCH**

Click on ✦ in the bottom row of the page to add a Bluetooth® switch and scan the QR code of the device.

Name the new Bluetooth® switch. Confirm with ‚CONTINUE‘.

Go to the EVENT CONFIGURATION on the Bluetooth devices overview page. Use Drag & Drop to add all 4 buttons to the correct function group.

Select the type, e.g., a scene and the system mode “Mode”.
- Auto mode: Sensors & timers are activated
- Manual mode: Sensors & timers are deactivated
**CONFIGURATION OF THE LiNA TOUCH PROFILE**

Go to the “LiNA Touch” page. Click on the black + on the left side of the bottom row to create a new LiNA Touch profile. Name the new LiNA Touch profile and confirm with **CREATE PROFILE**.

Click on the white + on the right side of the bottom row to add a new page for the LiNA Touch profile. Choose how many control fields you need. Confirm with **CREATE PROFILE**.

Select a control field by touching it. Name this control field. Select a type for the control field. Confirm it with **SAVE**.

Repeat these steps until all control fields are marked blue.
EVENT CONFIGURATION
FOR THE LiNA TOUCH PROFILE

Click on **EVENT CONFIGURATION** on the right side in the bottom line to configure the LiNA Touch profile.

Insert all LiNA Touch control panels by drag & drop into the correct function group.

To configure a scene button, select for each control field:
- Type
- Scene
- Mode

To configure a slider, simply drag and drop the control field to the correct function group. Confirm with **CONTINUE**.
- **TRANSFER OF THE PROFILE TO THE LiNA TOUCH-APP**

Hold your finger for a long time on the profile that you want to transfer. Select “Export”

Click on **SHARE** to export the LiNA Touch profile.

Select the LiNA Touch App. Click on “Copy to LiNA Touch” and LiNA Touch App will open automatically.

Choose **IMPORT** and the LiNA Touch profile is successfully imported into the LiNA Touch App.
**LiNA TOUCH SETTINGS**

Select the LiNA Touch profile.

Test all LiNA Touch control panels.

To change the background of each control panel, click on the “camera icon” in the upper left corner.

Select a control field. Choose between:
... from camera
... from the photo library

The selected image appears in the background of the control panel.
COPYING THE CONFIGURATION OF A BLUETOOTH DEVICE

Click on the icon in the upper right corner.
Select “Copy Device Configuration”.

Select the “source device”. Confirm with CONTINUE.

Select “Target devices”. Click on COPY CONFIGURATION.

The system starts copying the configuration of the source device to the destination device.
LiNA – Configuration and Operating App for Blu2Light

**BACKUP/RESTORE**

Click on the icon in the upper right corner. Select “Backup/Restore”.

Name the new backup. Click on “Create new backup / Export current configuration”.

Select with whom the backup is to be shared or how it is to be saved. Recommended options for data sharing: e-mail, AirDrop. Recommended saving option: Save to files.
### RECOVERY OF A DELETED SYSTEM

Go to “Blu2Light system overview”. Click on the [button] in the upper right corner. Select “Deleted Blu2Light systems”.

Select the Blu2Light system to be restored. Select the system with a touch.

Click on “Restore System”.

The system has been successfully restored when it appears again in the “Blu2Light system overview”.

Select the Blu2Light system with a touch.
**POWER-ON BEHAVIOUR**

Go to the “Bluetooth device overview”. Select a Bluetooth device with a long tap. Select “Power On Behaviour”. Select the “Mode” in which the system should start after a power failure.

Select the scene or sequence to be executed after a power failure. Confirm with **SAVE**.

Select whether a scene or sequence should appear after a power failure.
LEGEND OF SYMBOLS USED IN THE APP

Dark Background
The device (node) is not accessible via the network (will be checked every 15 seconds).

Blue Background
The device is accessible.

Meaning of Symbols
1. Signal strength, measured when received by an iPad
2. Gateway
3. Synchronisation
4. Faulty connection between mesh and light controller
5. Timer configured
6. Sequence configured
7. Connection display

Connection Display
No connection possible

Connection possible

Trying to connect (animated display)

Dark background behind the connection symbol denotes an active connection to the respective device.

Further Symbols

Luminaire

Signal Quality

Connection Display

Gateway and Cloud Connection

Sequence and Timer

Warning: configuration

Faulty connection between mesh and light controller
Whenever a luminaire goes on around the world, Vossloh-Schwabe is likely to have made a key contribution to ensuring its trouble-free operation.

Headquartered in Germany, Vossloh-Schwabe counts as a technology leader within the lighting sector. This success is based on Vossloh-Schwabe’s top-quality and high-performance products.

The product range includes the entire spectrum of lighting components from LED systems with matching control gear, modern control systems (Blu2Light und LiCS) as well as electronic and magnetic ballasts and lampholders.

For the future, the company is geared towards the topic of smart lighting.