

Blu2Light



Operating Manual LiNA Connect / LiNA Touch

LiNA
Connect

**Programming the
Blu2Light System**

Using LiNA Connect

LiNA
Touch

**Operating the
Blu2Light System**

Using LiNA Touch

OPERATING MANUAL

FOR PROGRAMMING AND
OPERATING THE BLU2LIGHT
SYSTEM

■ INTRODUCTION TO THE SYSTEM	3
■ CREATING / ADDING A NEW SYSTEM	3
■ ADDING BLUETOOTH® DEVICES	4
■ EXPRESS SETUP	5
■ MANUAL DALI ADDRESSING	6
■ CONFIGURATION OF SCENES	7
■ CONFIGURATION OF SEQUENCES	8
■ CONFIGURATION OF THE BRIGHTNESS SENSOR	9
■ CONFIGURATION OF THE MOTION SENSOR	10
■ CONFIGURATION OF THE TIMER	11
■ CONFIGURATION OF THE BLUETOOTH® SWITCH	12
■ CONFIGURATION OF THE LiNA TOUCH PROFILE	13
■ EVENT CONFIGURATION FOR THE LiNA TOUCH PROFILE	14
■ TRANSFER OF THE PROFILE TO THE LiNA TOUCH-APP	15
■ LiNA TOUCH SETTINGS	16
■ COPYING THE CONFIGURATION OF A BLUETOOTH® DEVICE	17
■ BACKUP/RESTORE	18
■ RECOVERY OF A DELETED SYSTEM	19
■ POWER-ON BEHAVIOUR	20
■ SYMBOLS USED IN THE APP	21



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.

■ LEGAL NOTICE

Trademarks

- The Vossloh-Schwabe and the Blu2Light logos are trademarks of Vossloh-Schwabe Deutschland GmbH.
- Other products and company names mentioned in this manual may be trademarks of other companies.

Copyright

© Copyright 2022 by Vossloh-Schwabe. All rights reserved. Without the prior written consent of Vossloh-Schwabe, no part of this document may be reproduced or transmitted in any form or using any means, be they electronic or mechanical; nor may photocopies or any other kind of record be made, nor may any system for information storage or restoration purposes be used.

■ DOWNLOADING THE APP

Both apps are available as iOS and Android versions in the respective app stores.

LINA Touch



LINA Connect



LiNA – Configuration and Operating App for Blu2Light

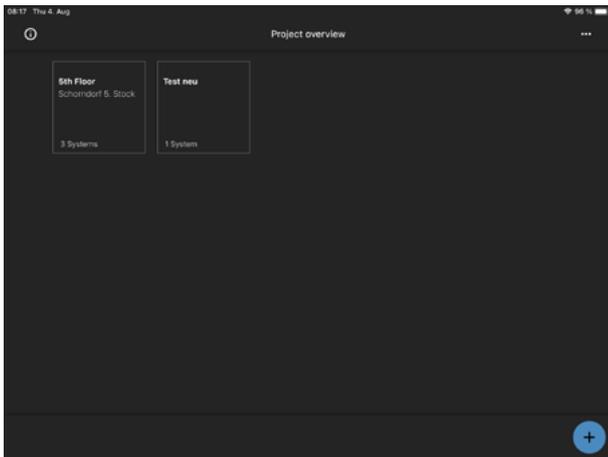


■ INTRODUCTION TO THE SYSTEM IN EXPERT MODE

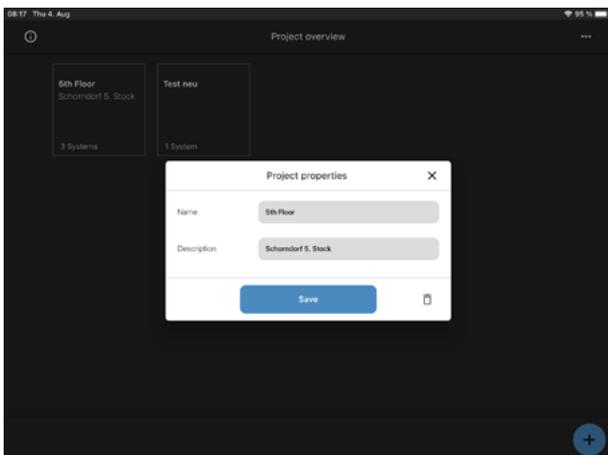
Once you have successfully downloaded LiNA Connect and LiNA Touch from the app store, respectively from the Google Play Store, open LiNA Connect to start programming the Blu2Light system.

■ CREATING / ADDING A NEW PROJECT

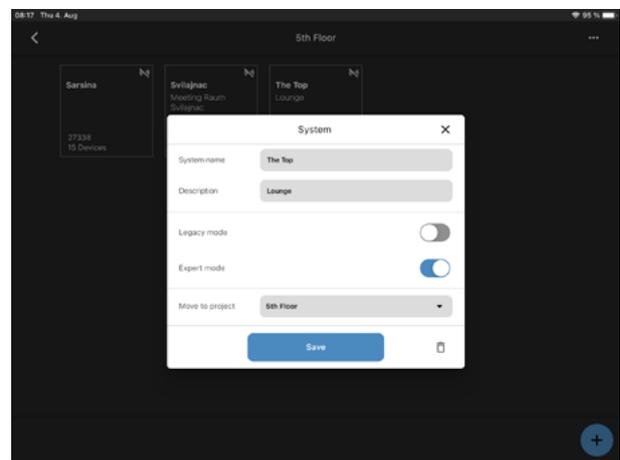
Press **+** in the lower right corner.



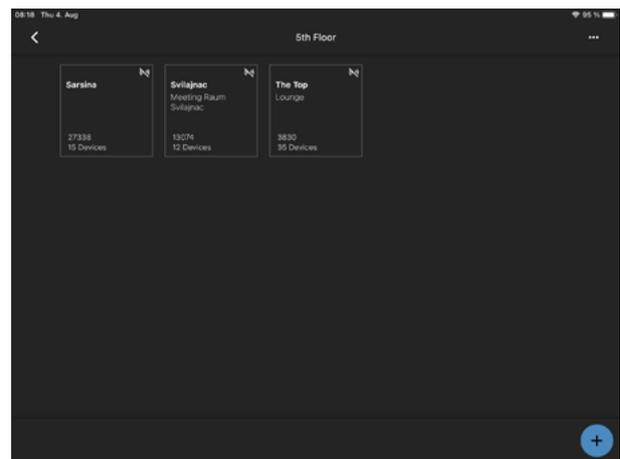
Make sure that the expert mode is switched on when creating a new system.



Confirm with **CREATE NEW SYSTEM**.



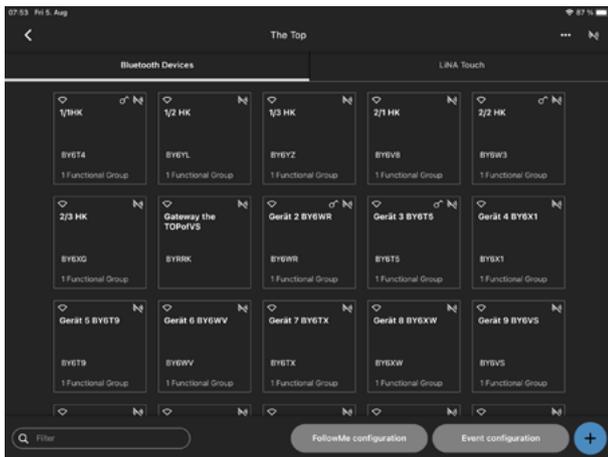
The new system appears as a dark square.



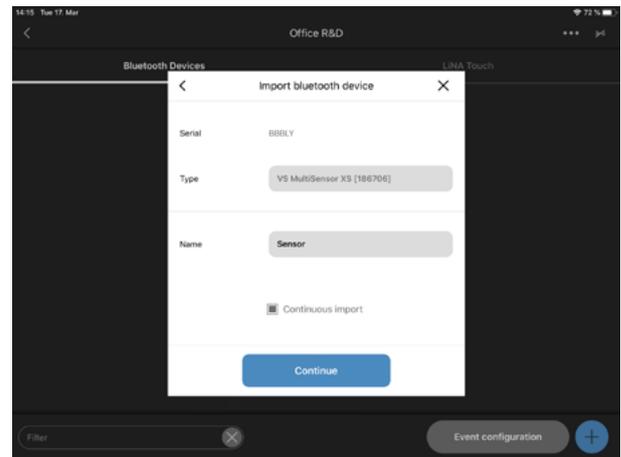
LiNA – Configuration and Operating App for Blu2Light

■ ADDING BLUETOOTH® DEVICES

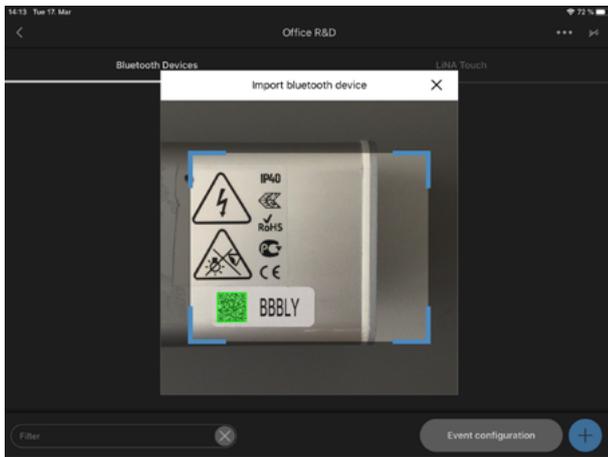
Click on **+** in the lower right corner.



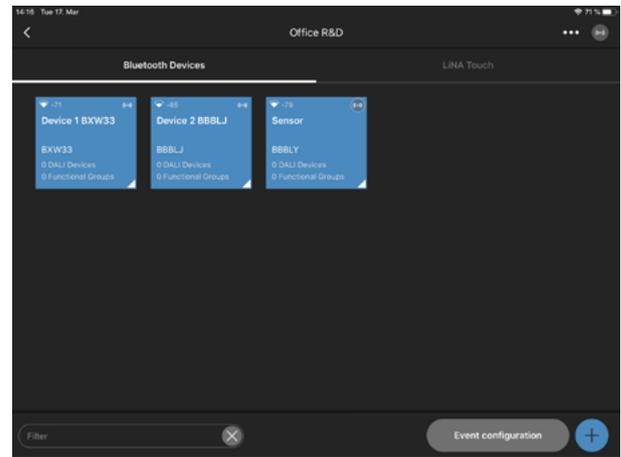
Name the new Bluetooth® device and confirm with **CONTINUE**.



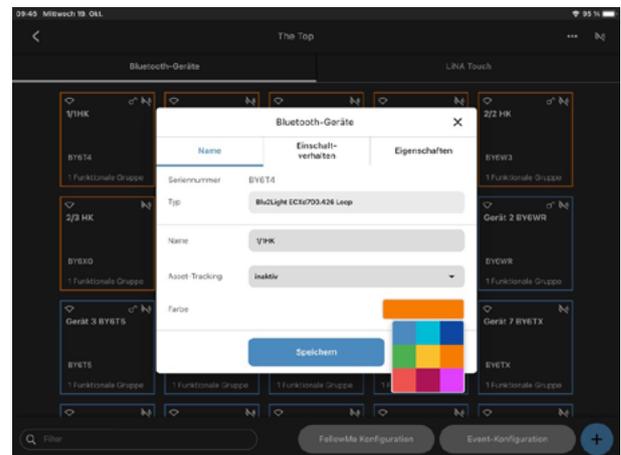
Scan the QR code on the Bluetooth® device.



The successfully added Bluetooth device appears by default in a blue highlighted square.



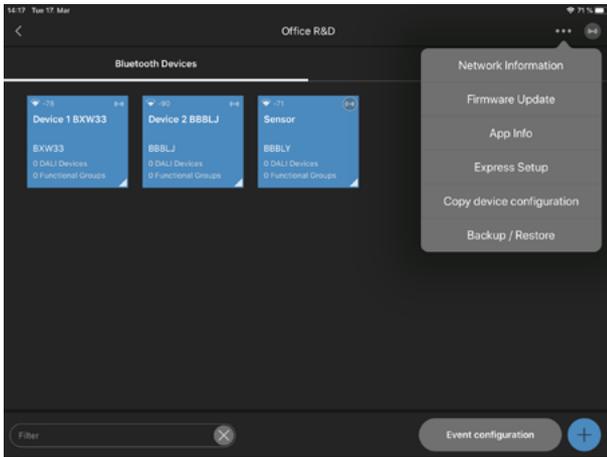
To change the color of the tiles press and hold the square in question and select the desired color.



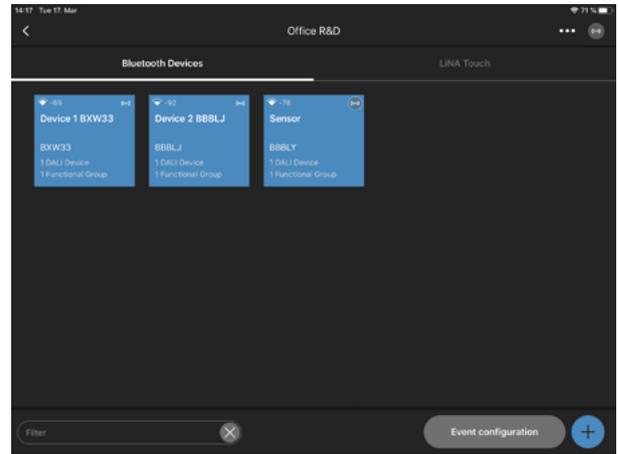
LiNA – Configuration and Operating App for Blu2Light

■ EXPRESS SETUP

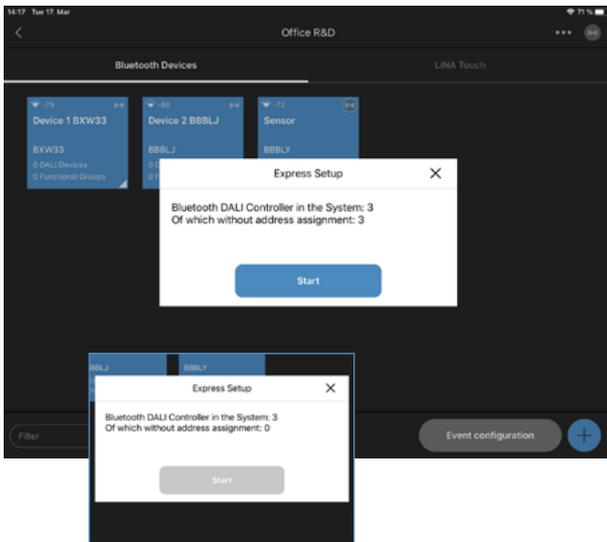
Click on  in the top right corner.
Select "Express Setup".



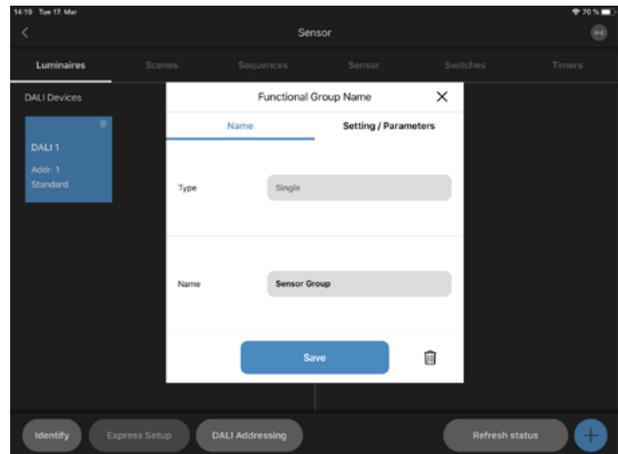
A successful express setup means
Each Bluetooth device searches for all connected DALI devices and
creates a function group. All DALI devices are connected to this func-
tion group.



Confirm with .

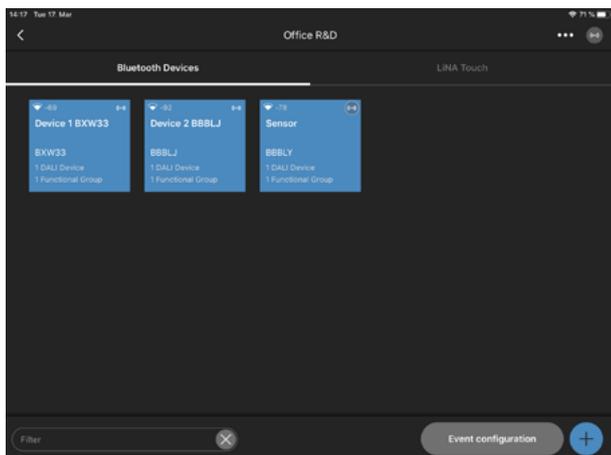


Name the function group and confirm with .

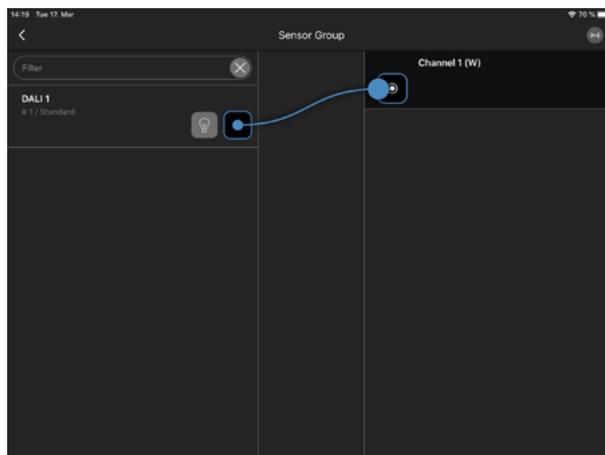


MANUAL DALI ADDRESSING

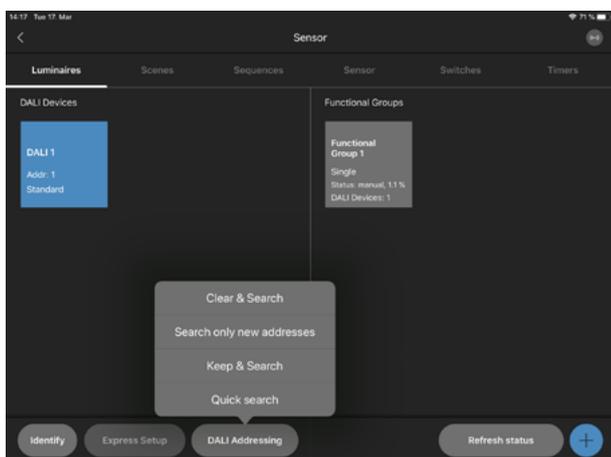
Select a Bluetooth® device.



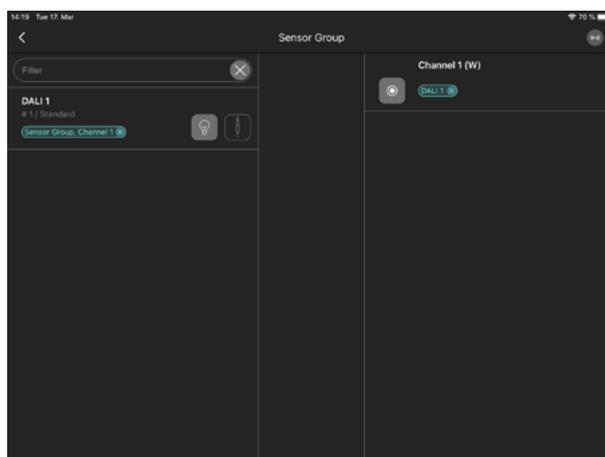
Use the plug symbol to group the luminaires by drag & drop.



Click on **DALI ADDRESSING** "Delete & Search".



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



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.

Note:

The functions of clear and search, search only new and keep and search are as follows:

1. clear and search: delete existing addresses and search new ones.
 2. search only new: Only addresses without a short address get a new short address.
 3. keep & search: same as search only new, but it also checks if there are duplicate addresses.
- Quick search: Checks existing DALI driver addresses and determines the driver type.

LiNA – Configuration and Operating App for Blu2Light

■ CONFIGURATION OF SCENES

Click on **+** in the bottom row.

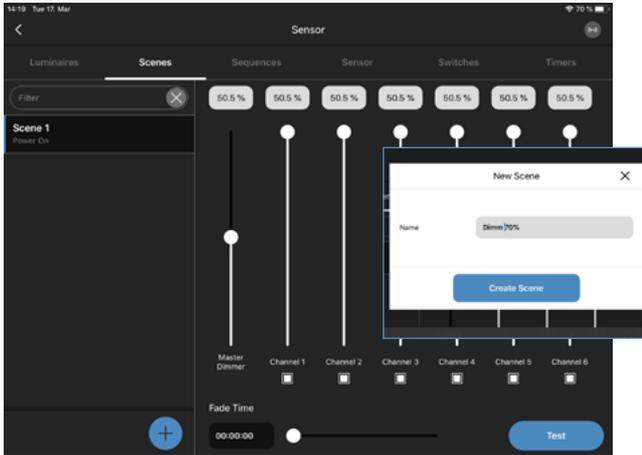
Name the new scene.

Confirm with **CREATE SCENE**.

Note: The master dimmer limits the maximum brightness (dimming level) of a scene.

A light control always refers to the maximum value set in the master dimmer.

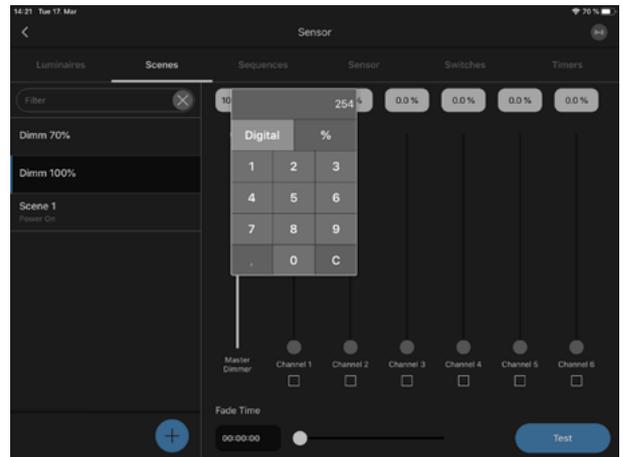
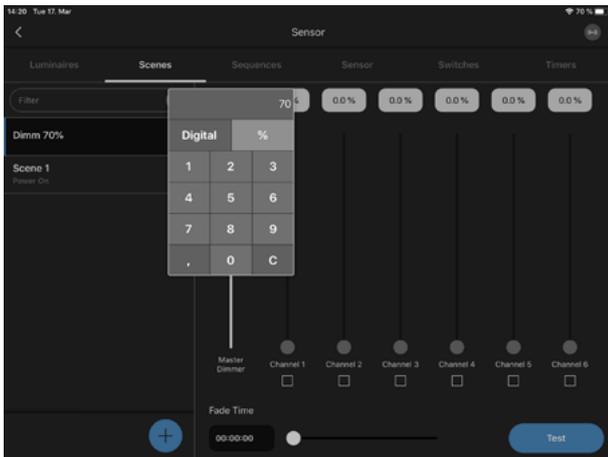
Click on **TEST** in the lower right corner to test the scene on a functional group.



Click on the "% value" above channel 1.

Enter the desired light value as %-value.

The "Digital value" allows to insert a DALI value.



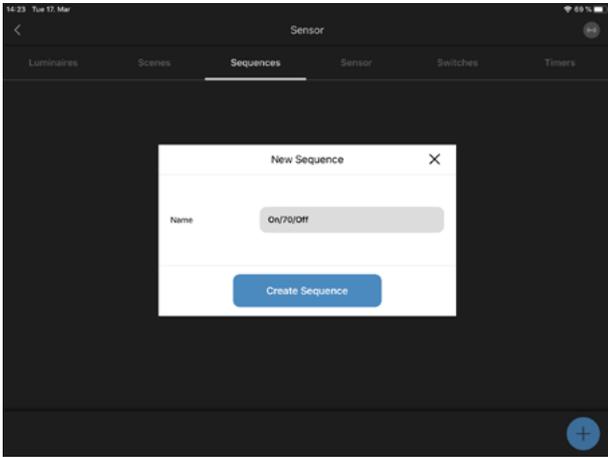
LiNA – Configuration and Operating App for Blu2Light

■ CONFIGURATION OF SEQUENCES

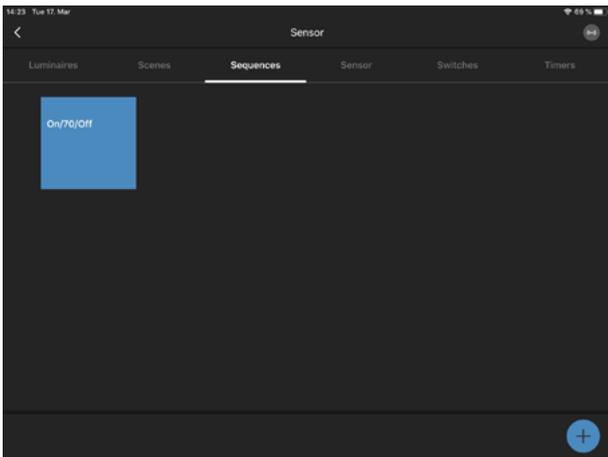
Click on **+** in the bottom right corner.

Name the new sequence.

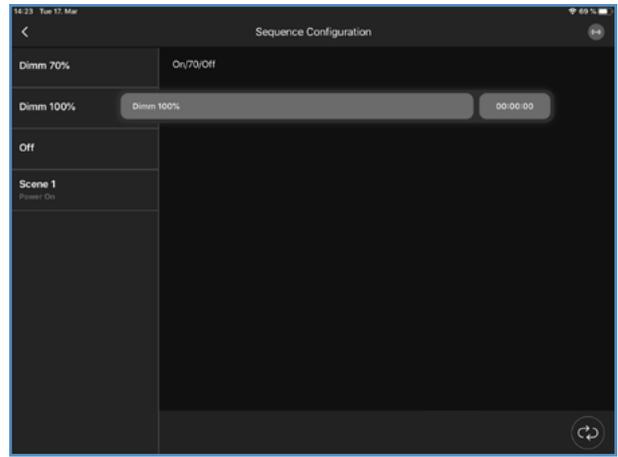
Confirm with **CREATE SEQUENCE**.



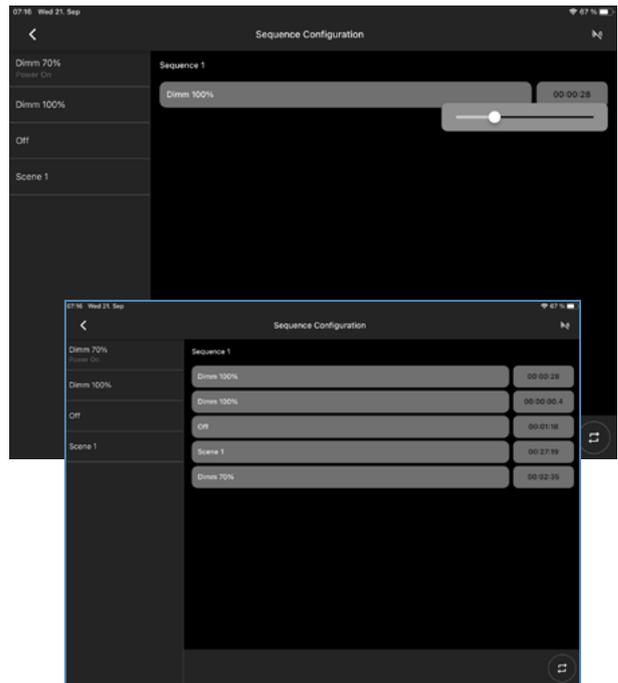
The new sequence appears in a blue highlighted square. Select the new sequence.



Drag and drop the different scenes into the 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

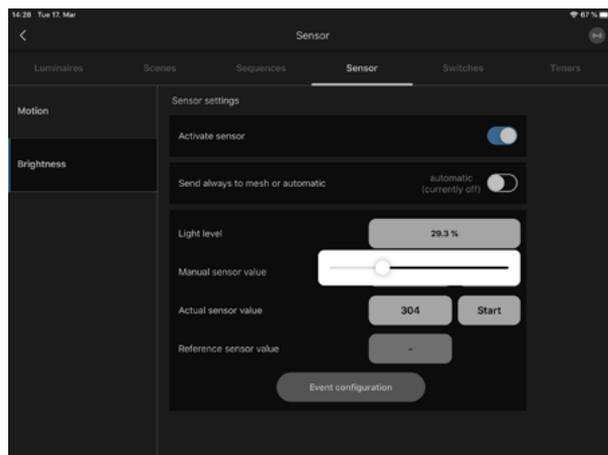
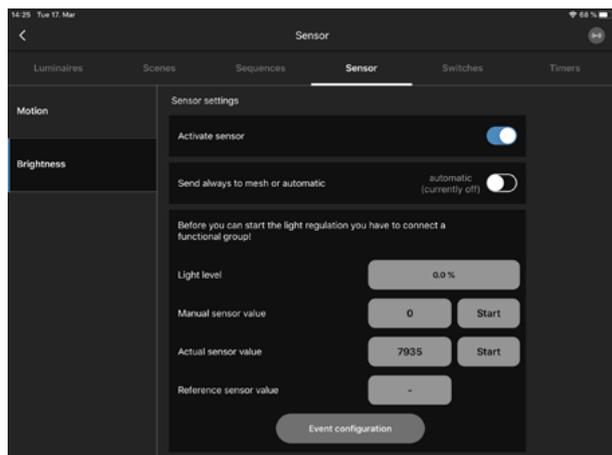
Click on "Activate sensor" to activate the brightness sensor. Click on

EVENT CONFIGURATION.

Note:

- Ideally, the configuration should be carried out without ambient light.
- To adjust the sensor values, it is recommended to measure the room brightness with a luxmeter.
- The reference values normally stabilise after approx. 30 seconds.
- If the environment is changed, the light control should also be adjusted again.

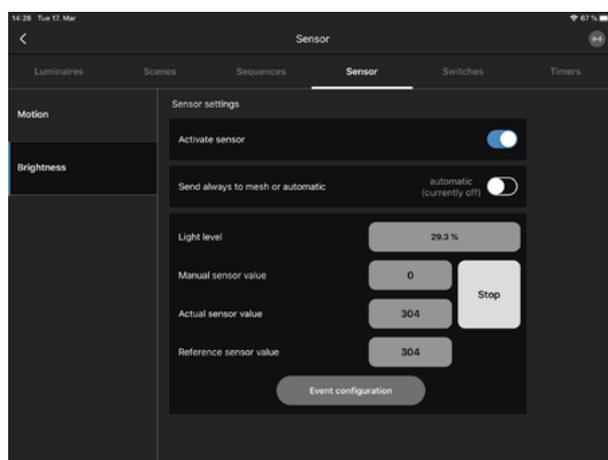
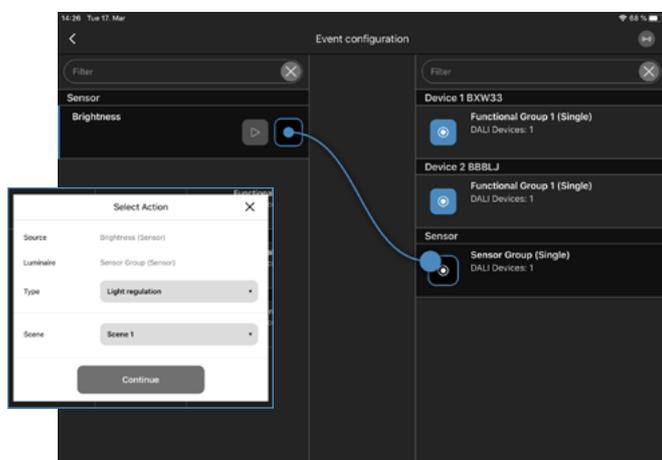
Click on "Light level" and define the desired light level with the slider. Wait a few seconds and check whether the "Current Sensor Value" has changed.



Use drag and drop to add the brightness sensor to any function group that requires brightness detection.

Confirm this with **CONTINUE**.

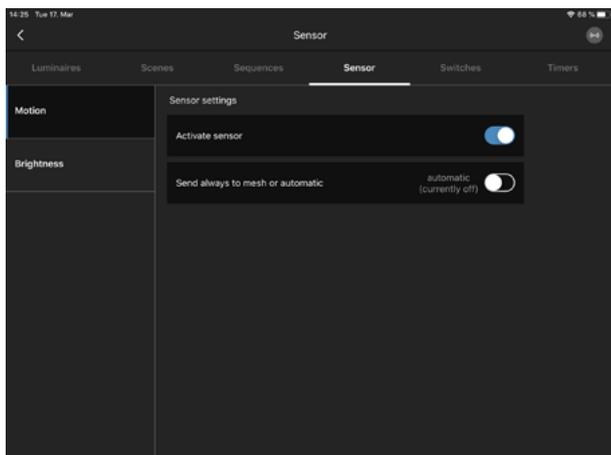
Click on "Start" to confirm the configured light level and the reference value of the sensor.



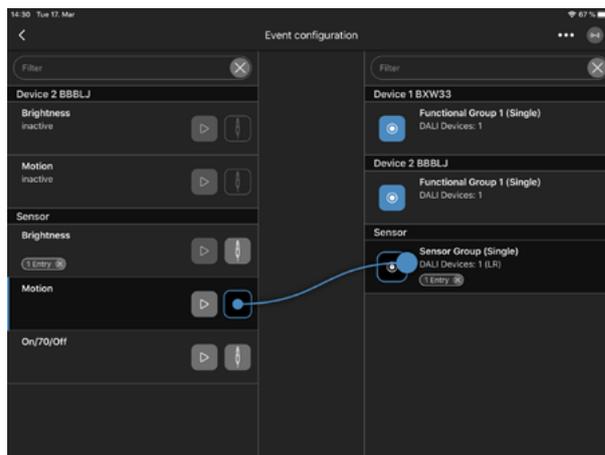
LiNA – Configuration and Operating App for Blu2Light

■ CONFIGURATION OF THE MOTION SENSOR

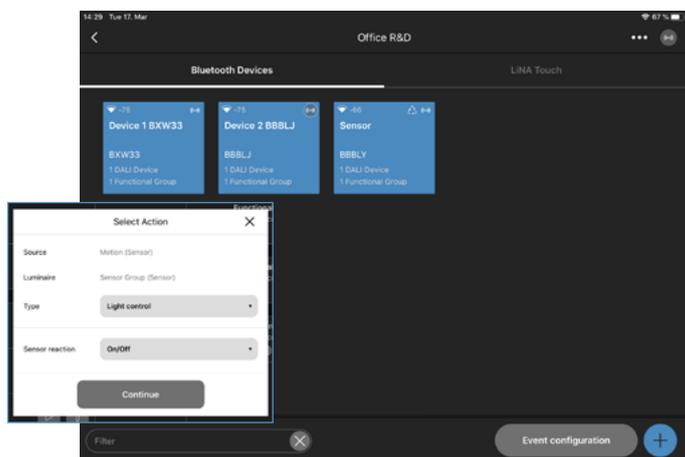
Click on "Activate Sensor" to activate the motion sensor.



Select "Light control" as the type.
Select "On/Off" as the sensor response.
Confirm with **CONTINUE**.



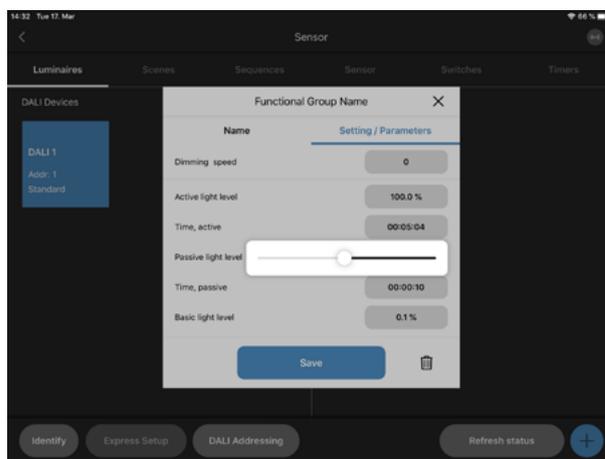
Switch back to the overview of Bluetooth® devices.
Click on **EVENT CONFIGURATION**.



Drag and drop the motion sensor to any function group that requires motion detection.

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.



LiNA – Configuration and Operating App for Blu2Light

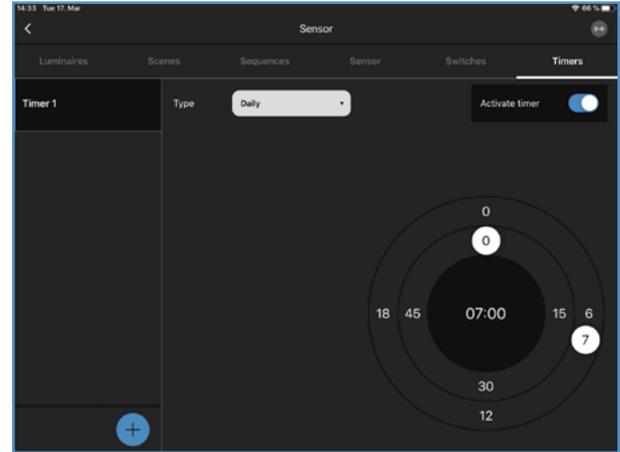
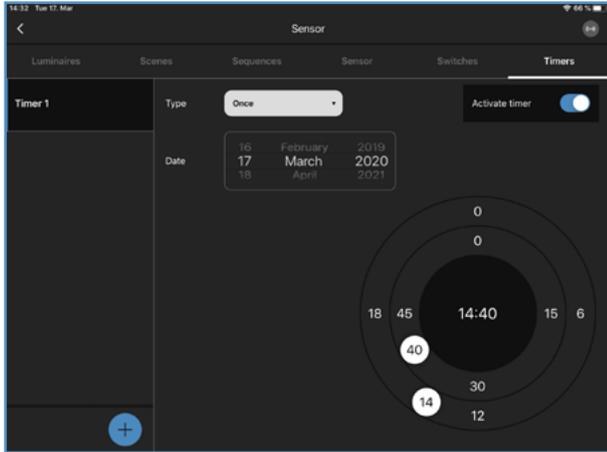
■ CONFIGURATION OF THE TIMER

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

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

Note: An active timer always has an effect, no matter what configurations are made in the background.

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



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

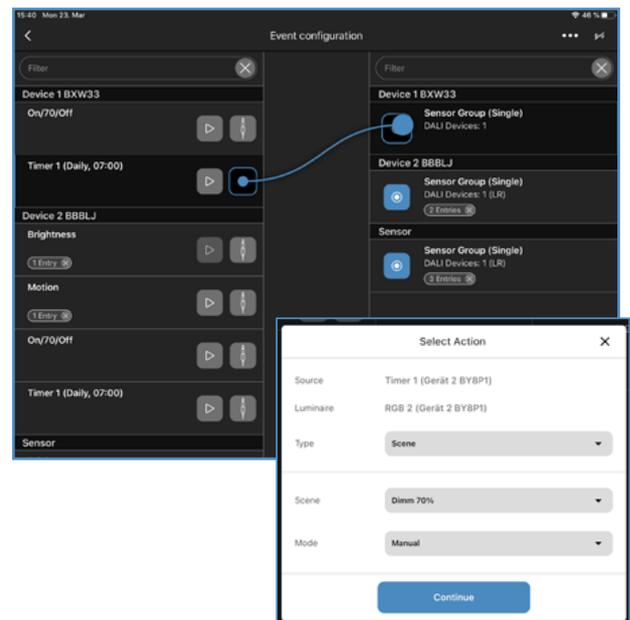
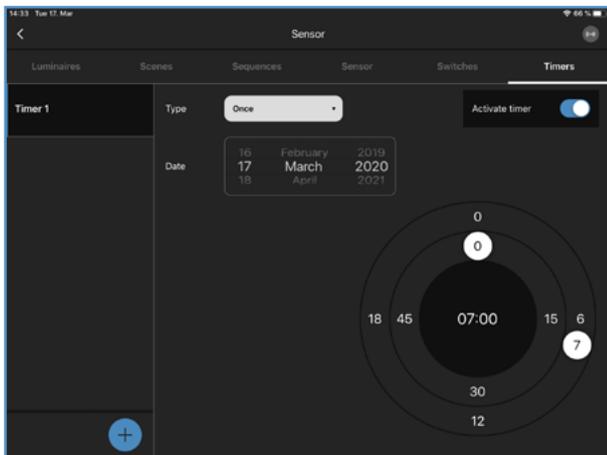
Go to **EVENT CONFIGURATION** on the Blu2Light system overview. Insert the "Timer" into the correct function group by drag & drop. Select "Type".

Example type: Scene

Select the scene to be displayed.

Select the "Mode" system.

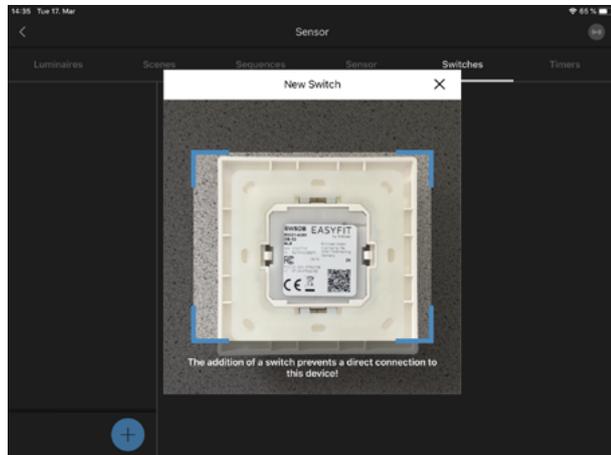
You can change the "Mode" of the system with the timer.



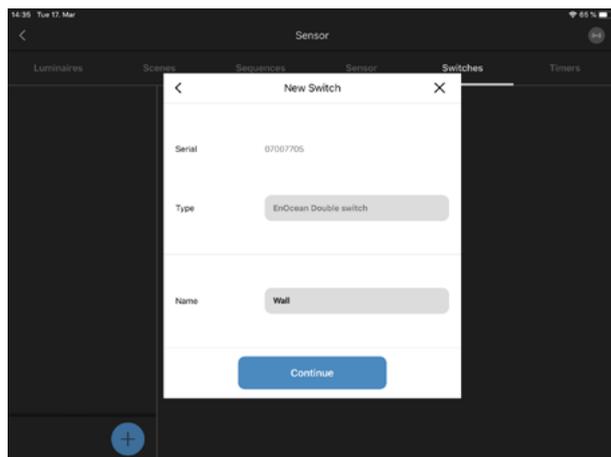
■ CONFIGURATION OF THE BLUETOOTH® SWITCH

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

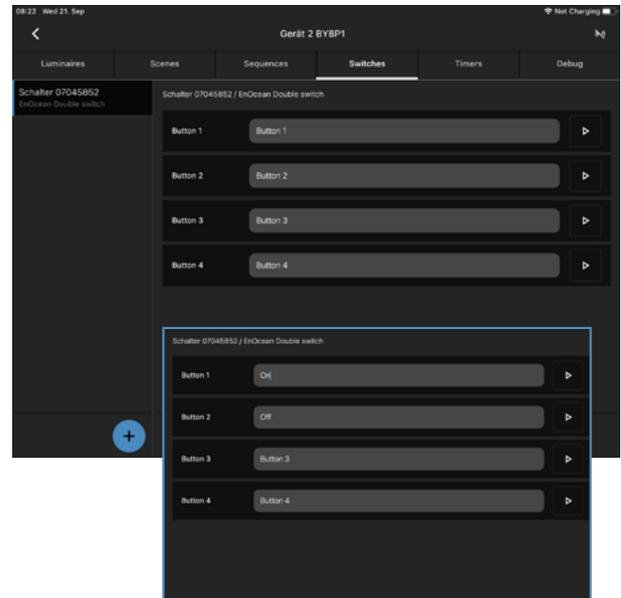
Note: A scanned pushbutton at a node makes it the end point in the mesh.



Name the new Bluetooth® switch.
Confirm with **CONTINUE**.



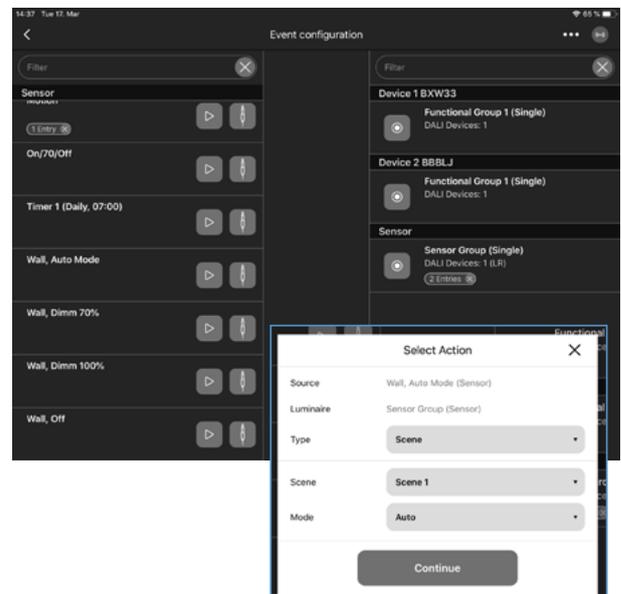
Name all 4 buttons of the new Bluetooth® switch.



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".

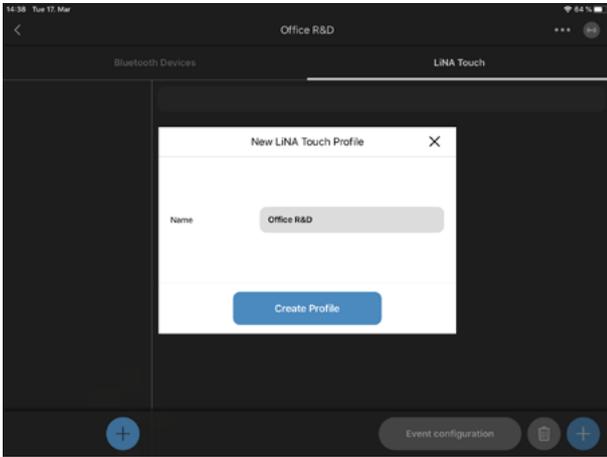
- Auto mode: Sensors & timers are activated
- Manual mode: Sensors & timers are deactivated



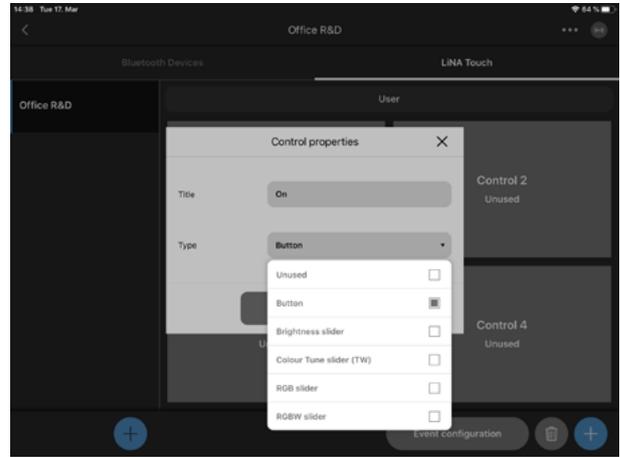
LiNA – Configuration and Operating App for Blu2Light

■ CONFIGURATION OF THE LiNA TOUCH PROFILE

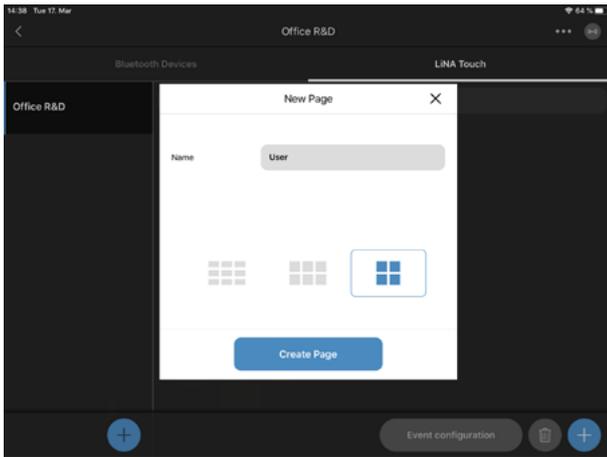
Go to the “LiNA Touch” page. Click on the black **+** on the left side of the bottom row to create a new LiNA Touch profile. Name the new LiNA Touch profile and confirm with **CREATE PROFILE**.



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



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**.

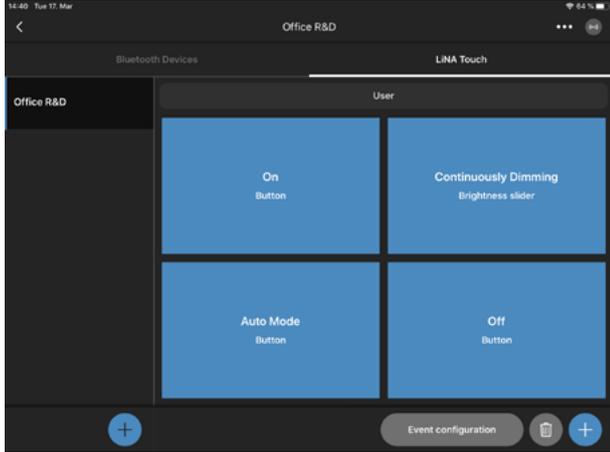


Repeat these steps until all control fields are marked blue.

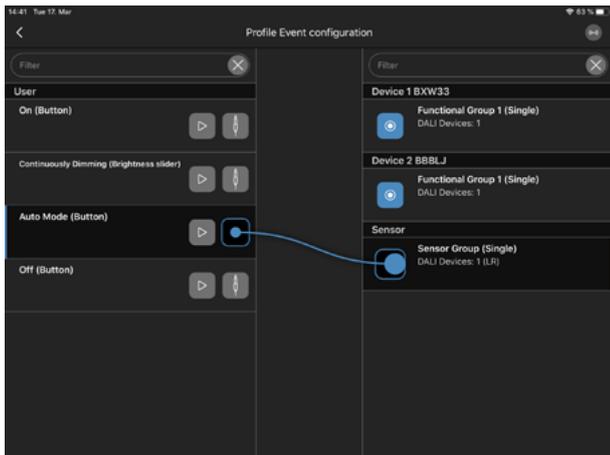


■ EVENT CONFIGURATION FOR THE LiNA TOUCH PROFILE

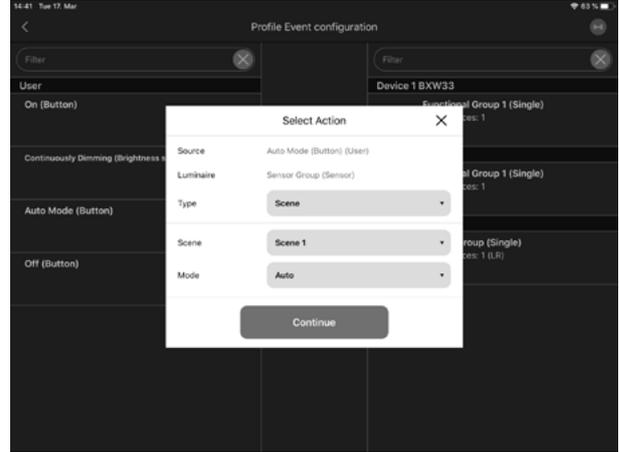
Click on **EVENT CONFIGURATION** on the right side in the bottom line to configure the LiNA Touch profile.



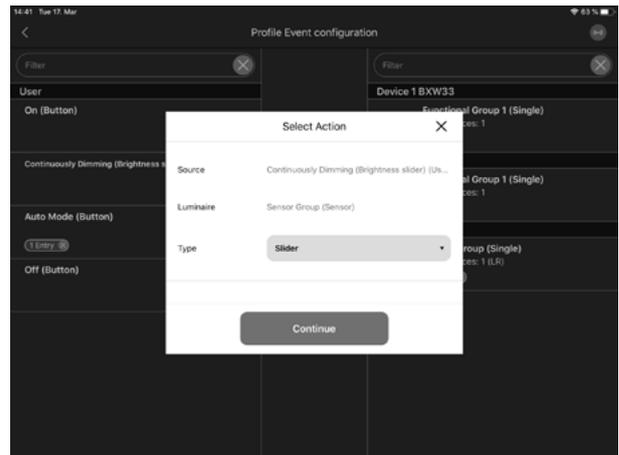
Insert all LiNA Touch control panels by drag & drop into the correct function group.



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



To configure a slider, simply drag and drop the control field to the correct function group. Confirm with **CONTINUE**.



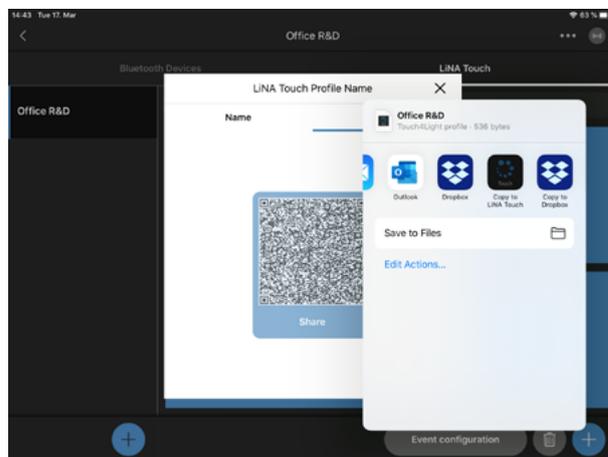
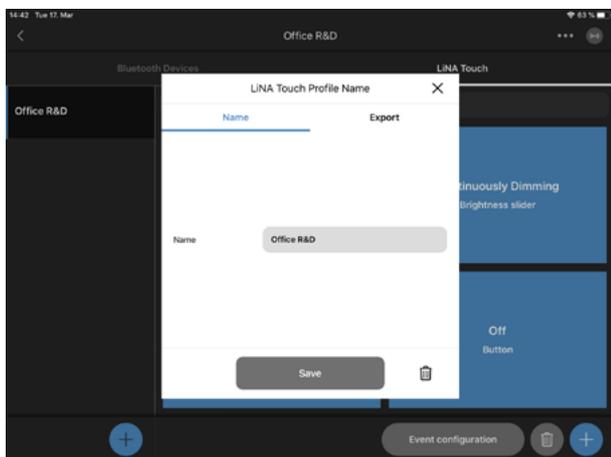
LiNA – Configuration and Operating App for Blu2Light

■ 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”.

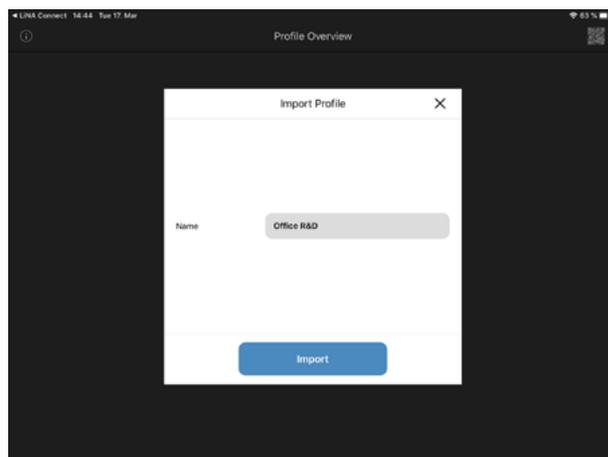
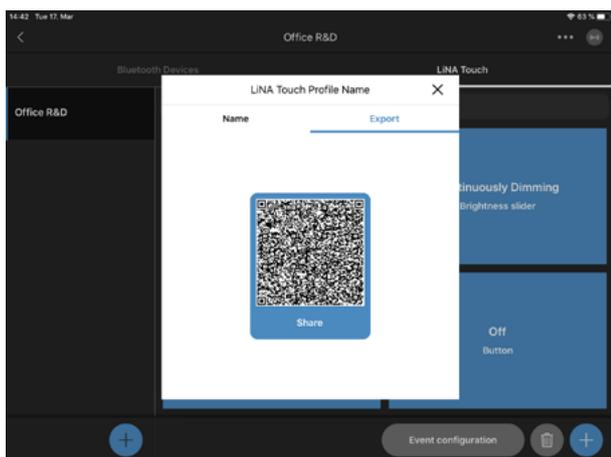
Note: For systems with particularly large QR codes, it is advisable to send the configuration via e-mail and not to scan it, as some tablets may have problems scanning large codes.

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



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

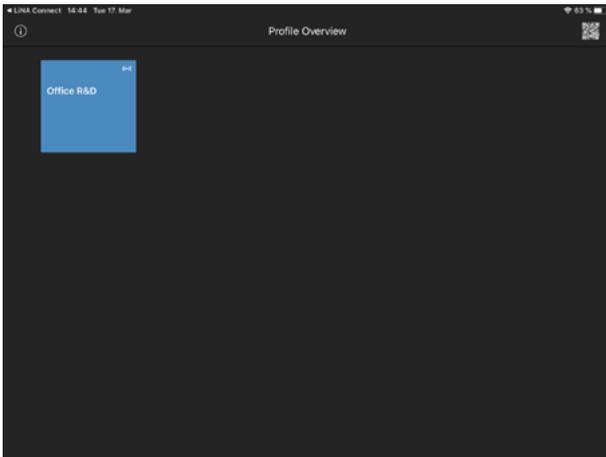
Choose **IMPORT** and the LiNA Touch profile is successfully imported into the LiNA Touch App.



LiNA – Configuration and Operating App for Blu2Light

LiNA TOUCH SETTINGS

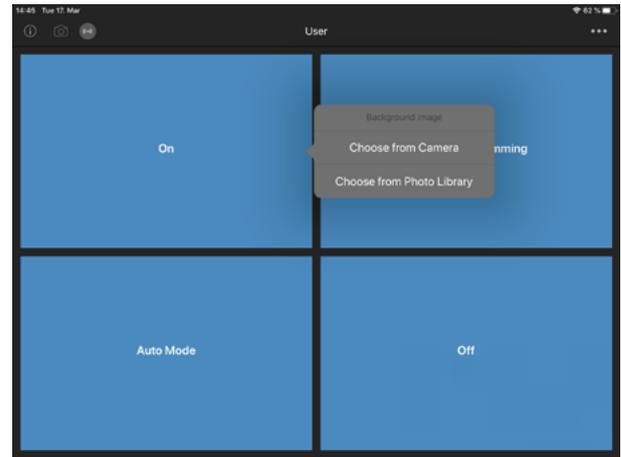
Select the LiNA Touch profile.



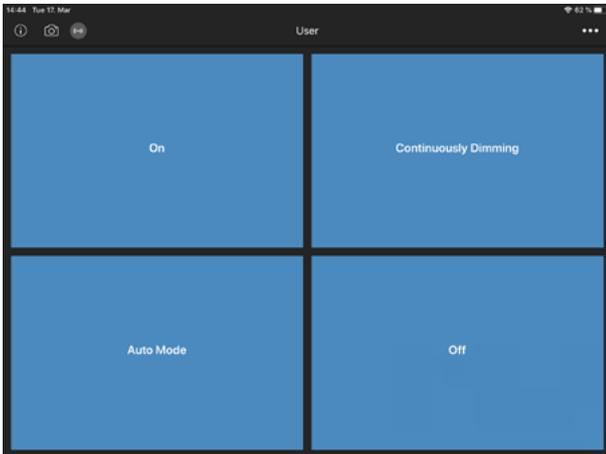
Select a control field. Choose between:

... from camera

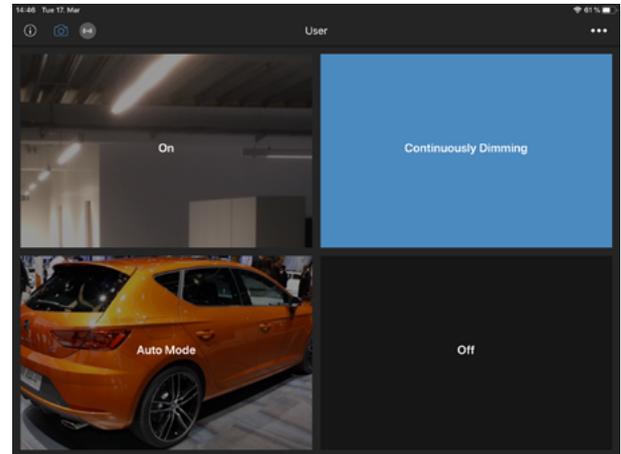
... from the photo library



Test all LiNA Touch control panels.



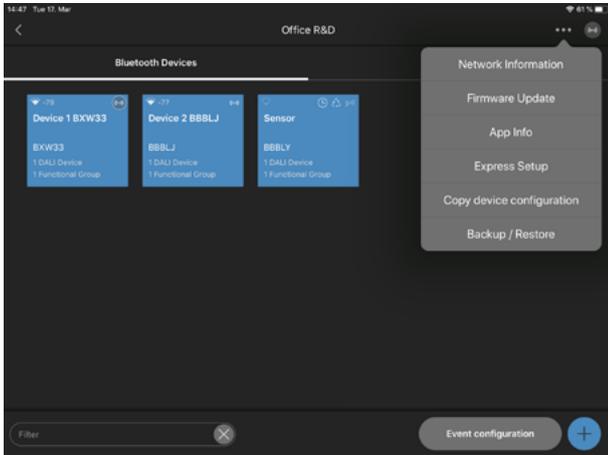
The selected image appears in the background of the control panel.



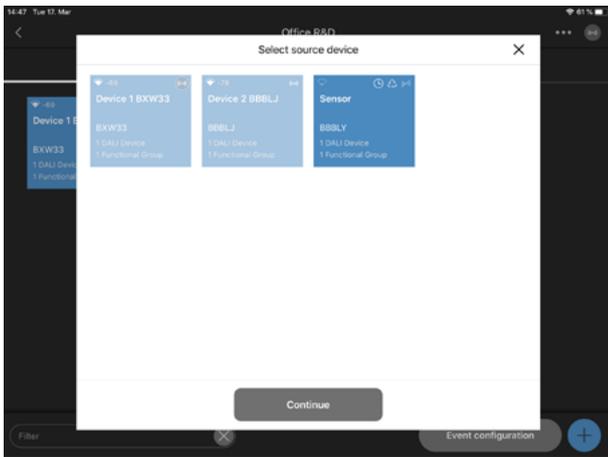
To change the background of each control panel, click on the "camera icon" in the upper left corner.

■ COPYING THE CONFIGURATION OF A BLUETOOTH DEVICE

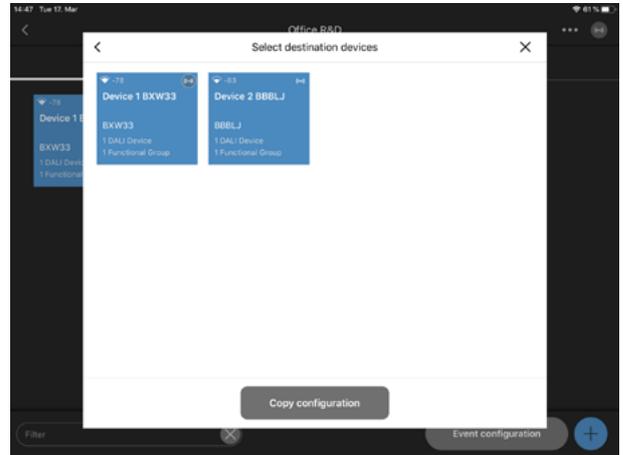
Click on  in the upper right corner. Select “Copy Device Configuration”.



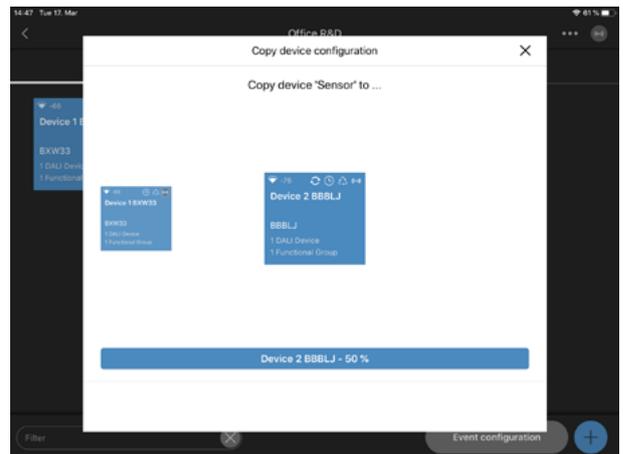
Select the “source device”. Confirm with **CONTINUE**.



Select “Target devices”. Click on **COPY CONFIGURATION**.



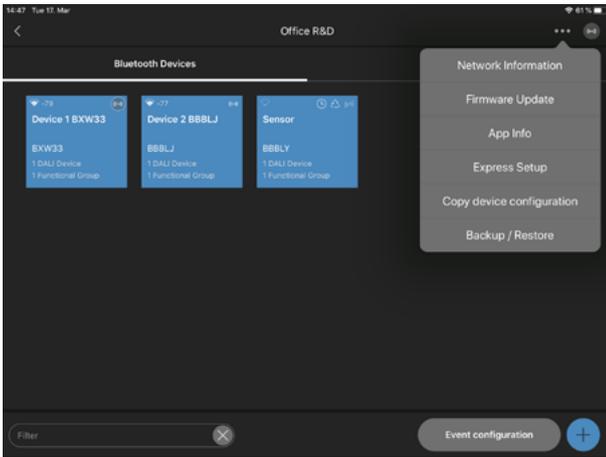
The system starts copying the configuration of the source device to the destination device.



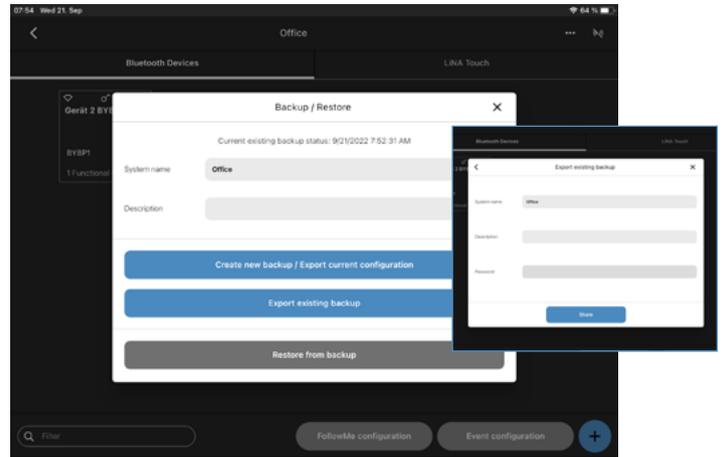
LiNA – Configuration and Operating App for Blu2Light

■ BACKUP/RESTORE

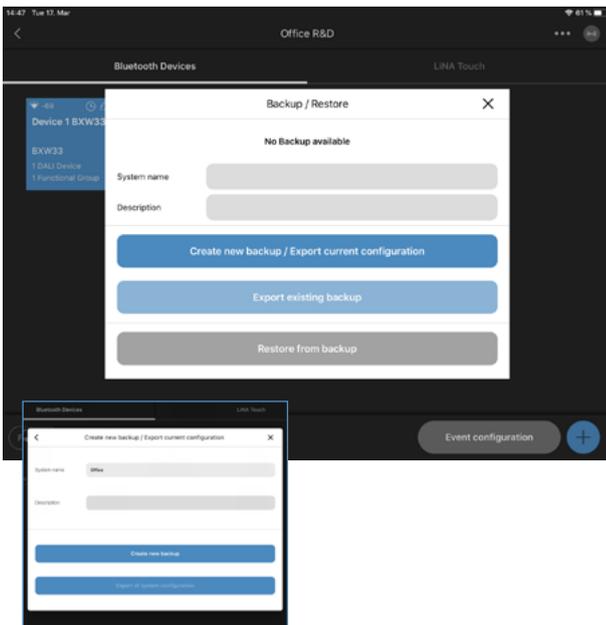
Click on  in the upper right corner.
Select "Backup/Restore".



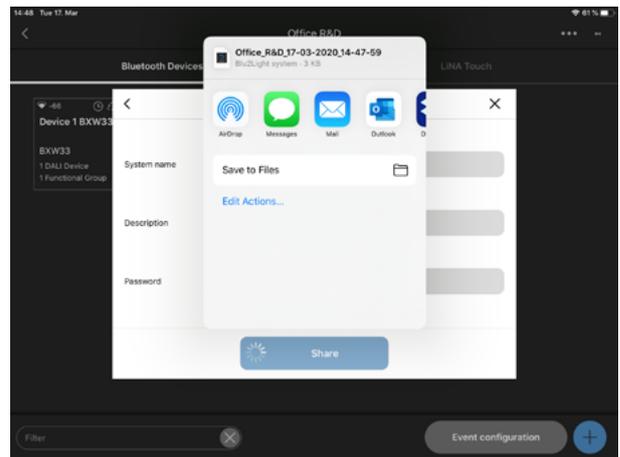
Click on "Export existing backup".
Click on "Share".



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

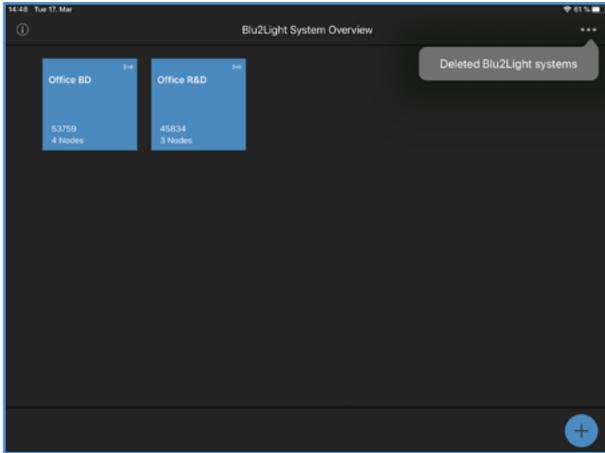


Select with whom the backup is to be shared or how it is to be saved.
Recommended options for data sharing: e-mail, AirDrop
Recommended saving option: Save to files

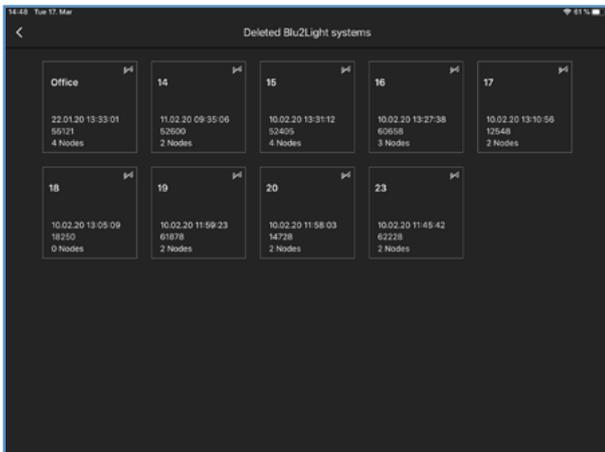


RECOVERY OF A DELETED SYSTEM

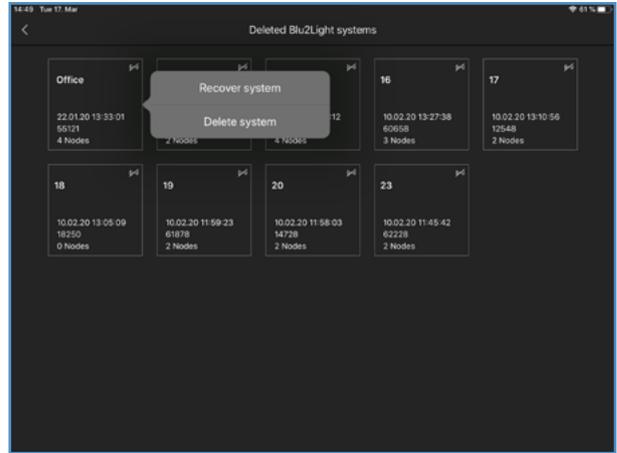
Go to "Blu2Light system overview".
Click on  in the upper right corner.
Select "Deleted Blu2Light systems".



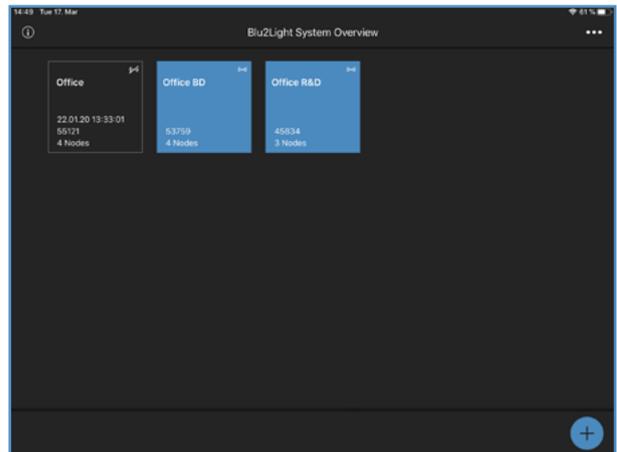
Select the Blu2Light system to be restored.
Select the system with a touch.



Click on "Restore System".

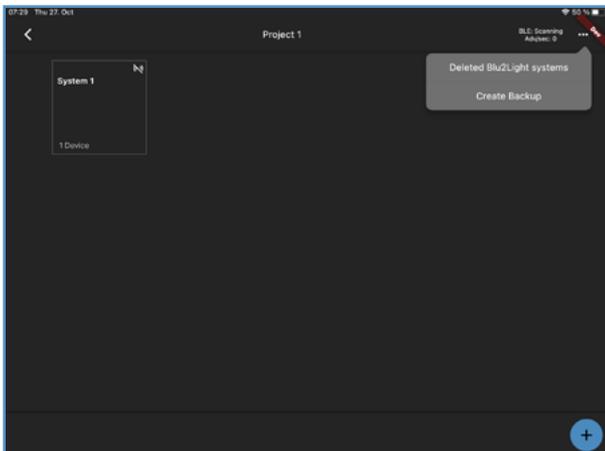


The system has been successfully restored
when it appears again in the "Blu2Light system overview".

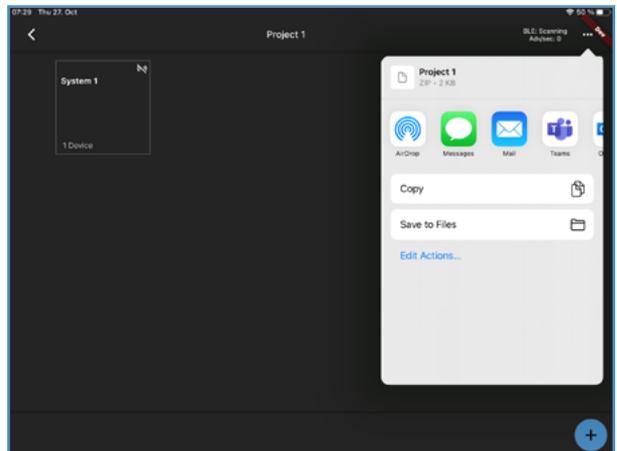


COMING SOON: CREATING A BACKUP AT THE PROJECT LEVEL

In the project layer, click on  in the upper right corner.
Select "Backup".



A window will appear asking you where you want to save/export the backup.

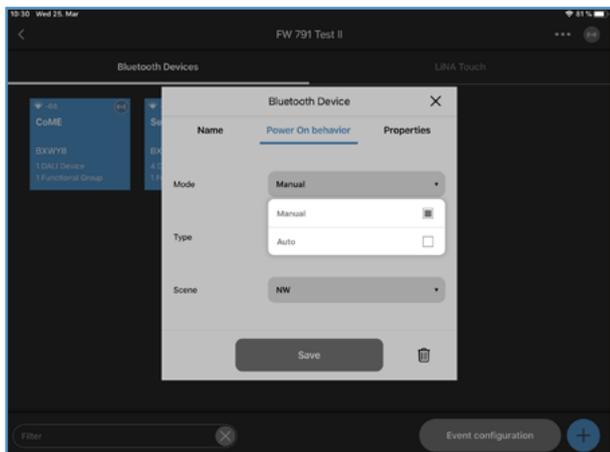


■ POWER-ON BEHAVIOUR

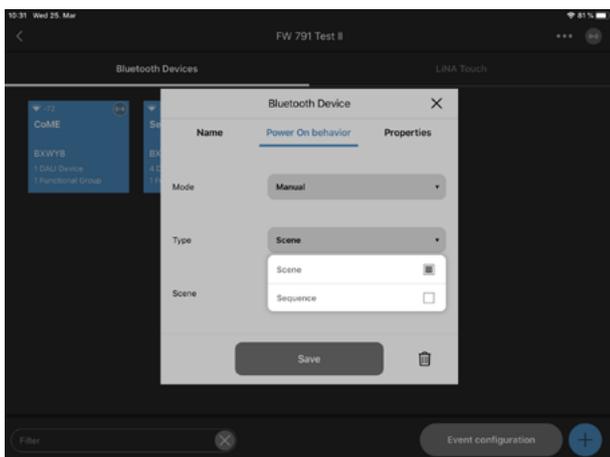
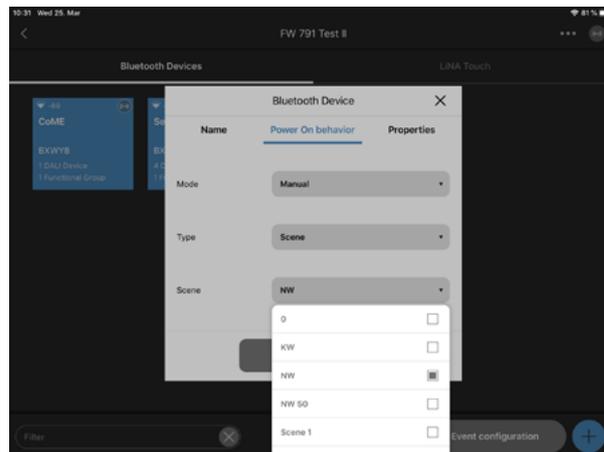
1. Go to the “Bluetooth device overview”.
2. Select a Bluetooth device with a long tap.
3. Select “Power On Behaviour”.
4. Select the “Mode” in which the system should start after a power failure.

Note: When changing the switch-on behaviour, wait at least 1 minute until the mesh has synchronised. Until then, the voltage should not be switched off under any circumstances.

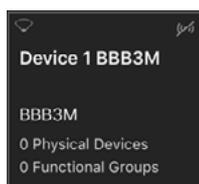
Select the scene or sequence to be executed after a power failure. Confirm with **SAVE**.



Select whether a scene or sequence should appear after a power failure.

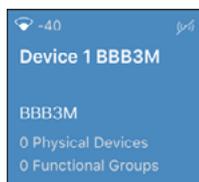


■ LEGEND OF SYMBOLS USED IN THE APP



Dark Background

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



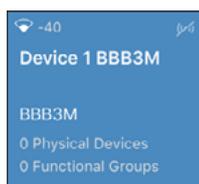
Blue Background

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

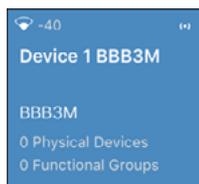


Connection Display

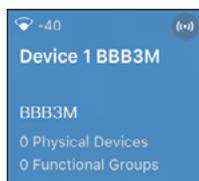
No connection possible



Connection possible



Trying to connect (animated display)



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

■ APP OPERATING MODE AND OPERATING DEVICES

LiNA Connect configuration	iOS	Android
Tablet	Version 13 and higher	Version 5.0 and higher
LiNA Touch operation	iOS	Android
Tablet	Version 13 and higher	Version 5.0 and higher
Smartphone	Version 13 and higher	Version 5.0 and higher

Further Symbols

Luminaire



Active luminaire (functional group)

Signal Quality



No signal



Low signal strength



Medium signal strength



High signal strength

Connection Display



Not accessible



Establishing a connection



Fully accessible

Gateway and Cloud Connection



Gateway



Cloud connection

Sequence and Timer



Sequence configured



Timer configured

Synchronisation



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.

Vossloh-Schwabe Deutschland GmbH

Hohe Steinert 8 · 58509 Lüdenscheid
Telefon +49 (0) 23 51/10 10 · Telefax +49 (0) 23 51/10 12 17

www.vossloh-schwabe.com



All rights reserved © Vossloh-Schwabe
Fotos: Vossloh-Schwabe, istockphoto.com, shutterstock.com
Technische Änderungen erfolgen ohne Benachrichtigung
B2L – LiNA Connect/LiNA Touch EN 06/2020