





Operating Manual LiNA Connect / LiNA Touch



LINA

Touch

Blu2Light System

Programming the

Operating the Blu2Light System

Using LiNA Touch

LiNA – Configuration and Operating App for Blu2Light

OPERATING MANUAL

FOR PROGRAMMING AND OPERATING THE BLU2LIGHT SYSTEM

INTRODUCTION TO THE SYSTEM	3
CREATING / ADDING A NEW SYSTEM	3
	4
EXPRESS SETUP	5
MANUAL DALI ADRESSING	6
	7
	8
CONFIGURATION OF THE BRIGHTNESS SENSOR	9
CONFIGURATION OF THE MOTION SENSOR	10
	11
	12
	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

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DOWNLOADING THE APP

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



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.

 Projet overview
 **

 Sto Floor
 **

 Sto plane
 1 System

 1 System
 1 System

 Projet properties
 X

 Name
 Sta Hoor

 Description
 Salewaler & Stack

Confirm with CREATE NEW SYSTEM



The new system appears as a dark square.



Click on
in the lower right corner.

Click on
in the lower right corner.

Click on
in the lower right corner.

Click and

Click a

Scan the QR code on the Bluetooth® device.



14:15 Tue 17. Mar		Office R&D		♥72%■) +++ jd
Blueto	oth Devices		LINA Touch	
	<	Import bluetooth device	×	
	Serial	B88LY		
	Туре	VS MultiSensor XS [186706]		
	Name	Sensor		
		 Continuous import 		
		Continue		
Filter	(Event configuration	on 🕂

Name the new Bluetooth® device and confirm with CONTINUE

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.



EXPRESS SETUP

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



Confirm with START



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.

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<		Office R&D		🙃
Bluet	ooth Devices			
♥-00 14	÷-12 H	🗢 -78 🛛 😁		
Device 1 BXW33	Device 2 BBBLJ	Sensor		
BYW33	RRRII	RRBIY		
1 DALI Device	1 DALI Device	1 DALI Device		
1 Functional Group	1 Functional Group	1 Functional Group		
Car				
Filter	×		Event configuration	

Name the function group and confirm with SAVE .

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<			Sen			
Luminaires						
DALI Devices			Functional G	Broup Name	×	
*		Na	me	Setting / Para	meters	
DALI 1						
Standard		Туре	Single			
		Name	Sensor Gr	oup	_	
					_	
			_			
			Sa	ve	Û	
Identify E	xpress Setu;	DALI A	iddressing		Refr	resh status 🕂

MANUAL DALI ADDRESSING

Select a Bluetooth® device.



Click on DALI ADRESSING "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.



Note:

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

 clear and search: delete existing addresses and search new ones.
 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.

CONFIGURATION OF SCENES

Click on + in the bottom row. Name the new scene. Confrim 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.



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.



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.

14:28 Tue 17. Mar		Sense	or		≠ 67 % ■
Luminaires		Sequences	Sensor	Switches	
Motion		ettings			
	Activat	e sensor			
Brightness	Send a	lways to mesh or automati		automatic (currently off))
	Light k	evel		29.3 %	
	Manua	I sensor value			
		sensor value	3	304 Start	
	Refere	nce sensor value			
		Ew	ent configuration		

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.

54:25 Tue 17. Mar		Sen	sor		+4×.
Luminaires			Sensor	Switches	
Motion	Sensor s	ettings			
	Activat	e sensor			
Brightness	Send a	lways to mesh or automa	fic	automatic (currently off)	

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



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.



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.



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



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



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.



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 Sequences
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 Timers
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 Charter 270545522
 Schafter 270545522 / Elocisen Double sentilit
 Image: Control of the control of

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



Name all 4 buttons of the new Bluetooth® switch.

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 \bigcirc 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 and Mode

14:41 Tue 17. Mar					♥ 63 %
		rofile Event configuration	'n		
	8				8
User			Device 1 BXW33		
On (Button)		Select Action	Evention X	nal Group 1 (Single) ces: 1	
Continuously Dimmine (Brightness s	Source	Auto Mode (Button) (User)			
	Luminaire	Sensor Group (Sensor)		al Group 1 (Single)	
Auto Mode (Button)	Туре	Scene	•		
	Scene	Scene 1	•	roup (Single)	
Off (Button)	Mode	Auto		ces: 1 (LR)	
		_			
		Continue			
·					

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

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<		rofile Event configuration			
Fiber	8				8
User			Device 1 BXW33		
On (Button)		Select Action	Exection X	al Group 1 (Single) ces: 1	
Continuously Dimming (Brightness s	Source	Continuously Dimming (Br	ightness slider) (Us	al Group 1 (Single)	
Auto Mode (Button)	Luminaire	Sensor Group (Sensor)		ces: 1	
(1 Entry (8)	Туре	Slider		roup (Single)	
Off (Button)				ces: 1 (LR))	
		Continue			ļ

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.



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.

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	Bluetooth Devices		LINA Tou	uch		
Office R&D	Nam	LINA Touch Profile Name	Office R&D Touch4Light profile - 6	i36 bytes		
) Freedom	Dufosk Deplex	Copy to LINA Touch	Cepy to Drepbox	
		is not all a	Save to Files		8	
		Share	Edit Actions			
	+		Event configur	ation		+

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 **(...)** in the upper right corner. Select "Copy Device Configuration".



Select the "source device". Confirm with CONTINUE



Select "Target devices". Click on COPY CONFIGURATION

		Office	R&D		
<		Select destination	ation devices	×	
	71	9-01 M			
De	vice 1 BXW33	Device 2 BBBLJ			
norma 1 E					
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DALI Devic	nesonal orosp	T Fone conar oroup			
1 Functional					
		Copy con	figuration		
		Copy cont	liguration		

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

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	Copy device configuration X	
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	Copy device Sensor to	
BXW33		
1 DALI Dev 1 Functions	₹.0. <u>0</u> 0 A M	
	Tevice 2 BBBLJ	
	BBBLJ 1500 Sevice International 1001 Device	
	1 Functional Group	
	Device 2 BBBL L+ 50 %	
	Device 2 bbbC3 - 50 %	
Elher	Event configuration	
Carmes.	Event conliguration	

BACKUP/RESTORE

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



Name the new backup. Click on

"Create new backup / Export current configuration".



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

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	Bluetooth Devices						
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87891		Current existing backup sta	dus: 9/21/2022 7-52:31 AM	Burtouth Devices		_	UNK Rooth
1 Functional	System name	Office		1	Export exist	ing backup	×
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				Description			
		Create new backup / Exp	ort current configuration	Parameter			
		Export exist	ting backup				
		Restore fro	m backup				
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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 for in the upper right corner. Select "Deleted Blu2Light systems".

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۲	Blu	2Light System Overview		
ba Office BD S3759 4 Hoodes	45834 3 Hotes		Deleted Blu2Light	systems
				Ŧ

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



COMING SOON: CREATING A BACKUP AT THE PROJECT LEVEL

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





Click on "Restore System".

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



07:29 Thu 27. Oct				€ 50.54 ■つ
<		Project 1	BLE A	: Scaming 4
System 1	N		Project 1 ZIP + 2 KB	
1 Device			le 🖸 🖂	1
			Сору	ß
			Save to Files	8
			Edit Actions	
				÷

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



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

1031 Wed 25 Ker ✓ FW 791 Test 8 Bluetooth Devices LNA Touch Codifier Bluetooth Device X Sin Name Power On behavior Properties TOUR Device



The device (node) is not accessible via the network

LEGEND OF SYMBOLS USED IN THE APP

Dark Background

Blue Background

The device is accessible.

(will be checked every 15 seconds).

Device 1 BBB3M

BBB3M **0** Functional Groups

Device 1 BBB3M

🗢 🚢 🗘 🕕 🕒 🕰 Device 1 BBB3M

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

Device 1 BBB3M

Ә -4(Device 1 BBB3M

→ -40	
Device 1 BBB3M	
BBB3M	

Device 1 BBB3M

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





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



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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

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