LED DALI Controller Touch RGBW DT8 - 4 Zones
User Manual

Item no.: LC-004-944

1. Product Description

The DALI controller is a touch panel and sends DALI signals to DALI actors. This controller is suitable for RGB and RGBW LED lights. It has a high sensitive glass touch panel with which you can adjust any desired colour. The touch panel can control 4 DALI groups and 4 DALI scenes. The DALI Device Type (DT) 8 device can be supplied passive via DALI bus or activ supplied with 230VAC. Mounting on a commercially available 68mm flush-mounted box.

2. Specifiations

Power Supply	100-240VAC oder DALI Bus
Operation current	230VAC: <15mA	DALI consumption: 4mA
DALI Bus Output	max. 100mA
Output Signal	DALI
Max. wire-cross section	1,5mm²
dimensions	86 x 86 x 41,6 mm

3. Operation Manual

⚙ ON/OFF button or dimming

short press: turn on / off the controller. When switched on a blue LED lights up above the colour wheel. long press: up,- or down dimming of the desired colour.

S scene button

With this button you can call up the self-saved scenes. press the previously stored DALI group 1, 2, 3 or 4. Then briefly press the S button. Then select the saved scene with the buttons 1, 2, 3 or 4.

🌈 Colour wheel
At the colour wheel you can choose the desired colour or the colour mix.

▶⏱   Play/Pause button

First short keystroke: Starting the 10 permanently stored color gradients.
Repeated short press: Pause the color gradient.
Long press of the button: The color speed is increased or slowed down.

1   2   3   4 Zone selection or sabind of 4 different scenes

These buttons can be used to select zones, long press turn the zone on / off or scenes to be
called and saved

R   G   B   W   R G B W - buttons

If you press shortly, you can switch between the individual channels.
First long press - brightness is increased, second long press - brightness is dimmed down.
Briefly press the button - channel is switched on, - or switched off.

4. Einstellungen

1. Assignment of the DALI - Group:

The rear rotary switch determines which DALI group and scenes are controlled or stored
by the touch panel. A total of 15 groups + 1x broadcast can be selected.

If you set the rotary switch to position „0" at Group, the command „broadcast" will be sent.

For positions „1" to „F", groups 0-14 are addressed directly. The 16th DALI Group
which is designated 15, can not be addressed directly.

Note: For a group-wise control, it is necessary to assign the DALI actors to one or more
DALI groups. The DALI Touch Panel can not perform a group assignment.

Please note the detailed group setting:

Rotary Switch Position	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
DALI Group for button 1	Broadcast	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
DALI Group for button 2	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	BC
DALI Group for button 3	1	2	3	4	5	6	7	8	9	10	11	12	13	14	BC	0
DALI Group for button 4	2	3	4	5	6	7	8	9	10	11	12	13	14	BC	0	1

2. Setting the scene number:

The touch panel allows scene selection of upto 4 scenes.

A rotary switch on the back serves to select the scenes you want to control and to set the starting scenes. Here you can choose between 16 scenes (0-15).
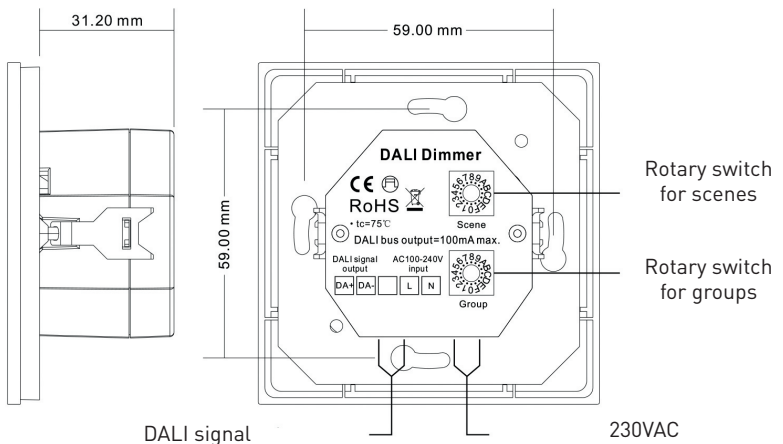
If you set the rotary switch to position „0" in Scene, the 4 possible scenes become (S1-S4) stored in the DALI actors under scene 0 to scene 3.

If you set the rotary switch, e.g. at position „7", scenes 7-10 are occupied and at position „F" scenes 15, 0, 1 and 2 are occupied.
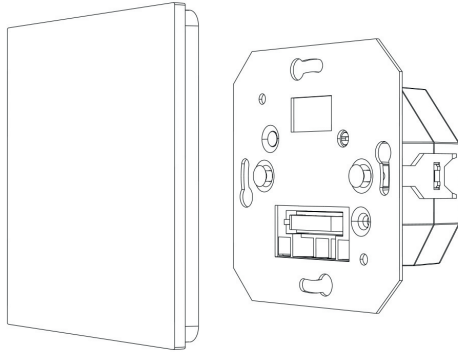
Please note the detailed setting table for scenes as follows:

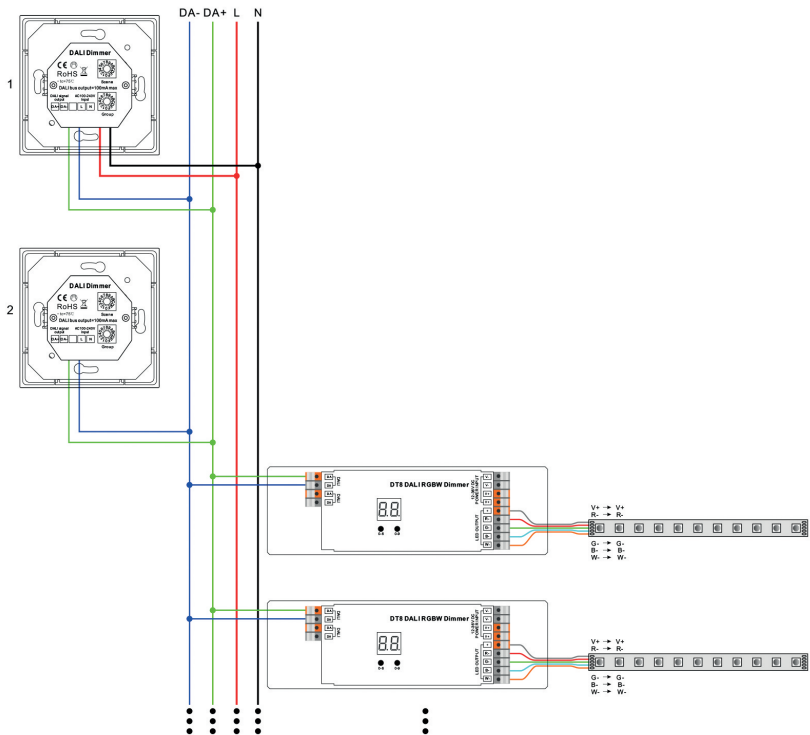| Rotary Switch Position	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
Scene assigned to S1	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Scene assigned to S2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	0
Scene assigned to S3	2	3	4	5	6	7	8	9	10	11	12	13	14	15	0	1
Scene assigned to S4	3	4	5	6	7	8	9	10	11	12	13	14	15	0	1	2

4. Dimensions and Wiring

5. Installation

6. Wiring Diagram

Passiv: Supply via external DALI bus power supply

Active: If supply is with 230VAC, the touch panel provides a bus supply (100mA) to control 50 DALI actors. In broadcast mode, a maximum of 2 active panels and 2 passive panels for controlling 100 DALI actors can be connected to a DALI line.