

DALI Single Color Touch Controller

PRODUCT DESCRIPTION

- Touch-sensitive glass interface (white/black)
- Complies with DALI IEC 62386-102 & 207, compatible with international DALI products
- Built-in 100mA DALI PSU, powers up to 50 ECGs
- Powered by DALI bus when AC mains not connected
- Controls up to 100 ECGs with 4 panels (2 AC, 2 bus)
- 4 light zones for switch & dimming (1 DALI address each)
- Start DALI address (0–63) set via rotary switches
- Supports saving 4 scenes

Item Number: **CT-DL-1006**

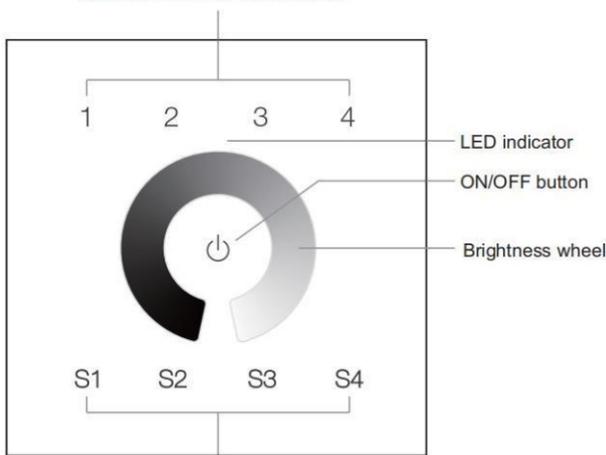


GENERAL

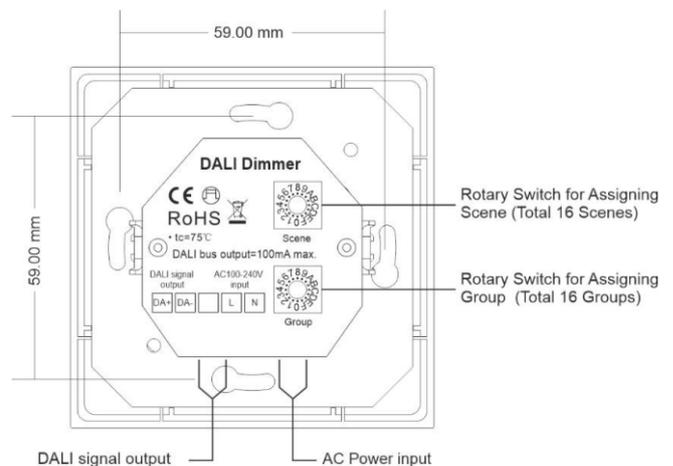
Power supply	100–240V AC / DALI Bus
Output	DALI signal
Power consumption	<15 mA
DALI consumption	4 mA
Operating temperature	0–50°C
Relative humidity	8% to 80%
Dimensions	86x86x29.1mm
IP Rating	IP20

FUNCTION INTRODUCTION

4 light zones, click to select, press and hold down to turn ON/OFF



Scene button, press and hold down to save a scene, click to recall



OPERATION

1. Set starting Group number via rotary switch on the back: (0-15 selectable)

- This DALI touch panel controller enables dimming commands to be sent to 4 Groups of devices on the DALI circuit. A rotary switch on the back is used to select Groups you would like to control and set the starting Group number and total 16 Groups (0-15) can be selected.
- When the rotary switch arrow position is at 0, button 1 controls all DALI devices on the circuit via broadcast, button 2 controls DALI Group 0, button 3 controls Group 1, and button 4 controls Group 2.
- When the rotary switch arrow position is at X except 0 (1-C), button 1 controls DALI Group X-1, button 2 controls Group X, button 3 controls Group X+1, and button 4 controls Group X+2.
- When the rotary switch arrow position is at D, button 1 controls devices in DALI Group 12, button 2 controls devices in DALI Group 13, button 3 controls devices in DALI Group 14, and button 4 controls all devices through broadcast.
- When the rotary switch arrow position is at E, button 1 controls devices in DALI Group 13, button 2 controls devices in DALI Group 14, button 3 controls all devices through broadcast, button 4 controls devices in DALI Group 0.
- When the rotary switch arrow position is at F, button 1 controls devices in DALI Group 14, button 2 controls all devices through broadcast, button 3 controls devices in DALI Group 0, button 4 controls DALI group 1.

Note: All DALI slaves on the circuit shall be assigned to one or more DALI groups by DALI master first. Please refer to the detailed Group setting table as follows:

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	Broadcast
DALI Group for button 3	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Broadcast	0
DALI Group for button 4	2	3	4	5	6	7	8	9	10	11	12	13	14	Broadcast	0	1

2. Set starting Scene number via rotary switch on the back: (0-15 selectable)

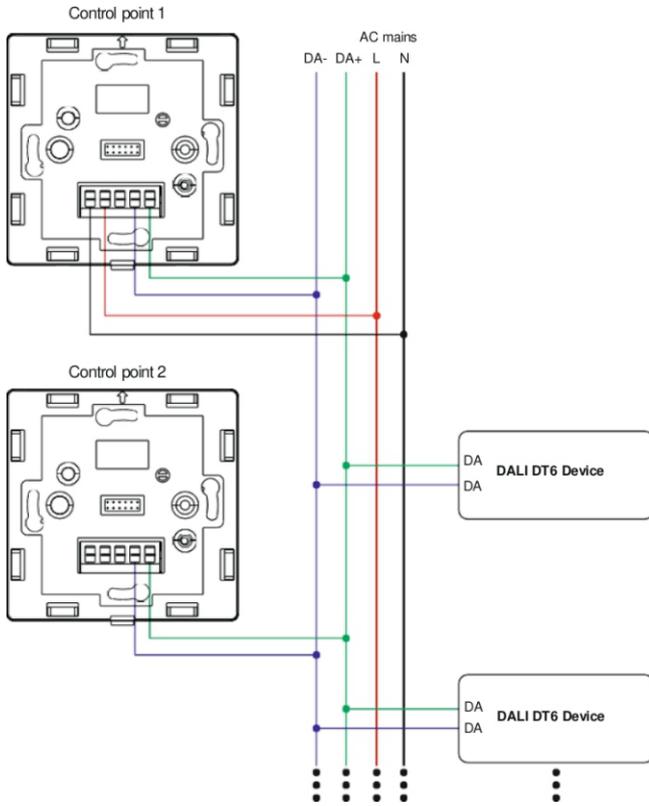
- This DALI touch panel controller enables Scene selection commands for up to 4 Scenes to be sent to the DALI circuit. A rotary switch on the back is used to select Scenes you would like to control and set the starting scene number and total 16 Scenes (0-15) can be selected.
- When the rotary switch arrow position is at X (0-15), Scene button S1 controls Scene X, S2 controls Scene X+1, S3 controls Scene X+2, and S4 controls Scene X+3.

Please refer to the detailed Scene setting table as follows:

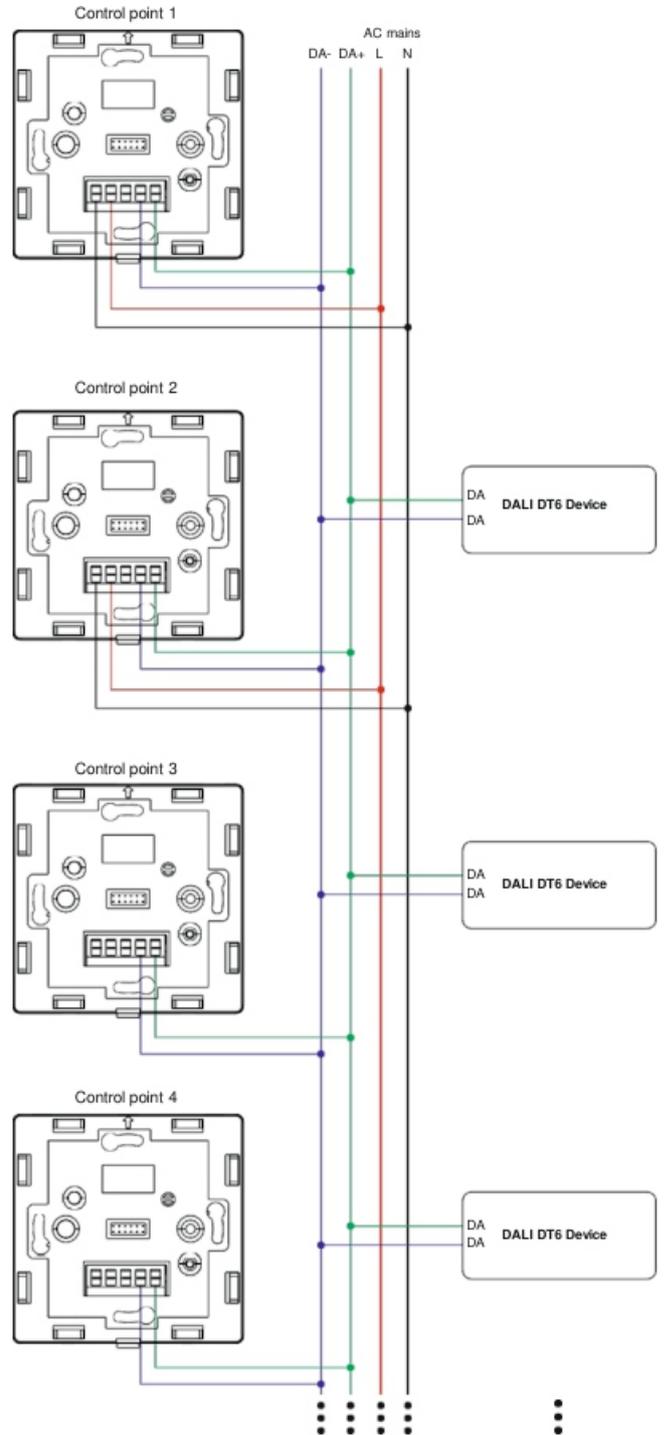
Rotary Switch Position	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
Scene assigned to S1	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Scene assigned to S2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	0
Scene assigned to S3	2	3	4	5	6	7	8	9	10	11	12	13	14	15	0	1
Scene assigned to S4	3	4	5	6	7	8	9	10	11	12	13	14	15	0	1	2

WIRING DIAGRAM

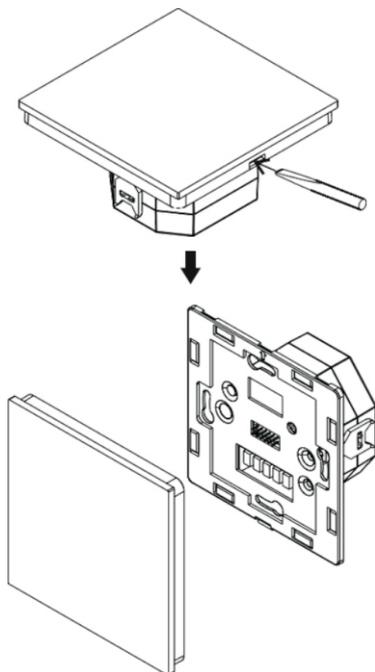
Wiring diagram to control up to 50 DALI ECGs via



Wiring scheme with 2 DALI panels powered by AC mains to control up to 100 DALI ECG via broadcast or control 4 DALI groups.



INSTALLATION



Safety & Warnings

- DO NOT install with power applied to device.
- DO NOT expose the device to moisture.