

Overview

DALI TOUCHPANEL 02

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1. DALI-TOUCHPANEL 02

The DALI-TOUCHPANEL 02 is a multifunctional device for the DALI circuit. It combines the functions of DALI-GC and DALI-SC in a single module and has six freely definable buttons. The six buttons are configured using the masterCONFIGURATOR (since V2.6).

The following configurations are possible:

- On/off switching of individual addresses, groups or broadcast
- Up/down fading of individual addresses, groups or broadcast
- Scene selections

The DALI TOUCHPANEL 02 offers a high degree of design flexibility. The user interface can be customised with interchangeable layout cards.

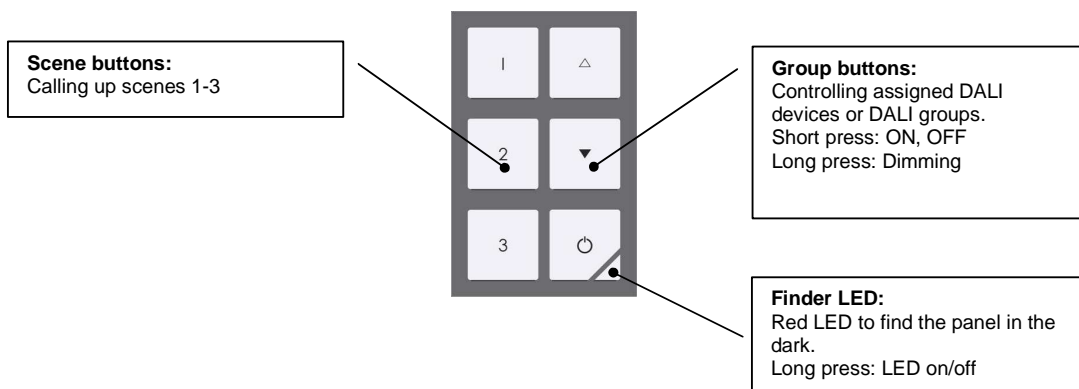


The DALI TOUCHPANEL 02 is multi-master-compatible, which means that several control modules can be installed in parallel in a DALI system.

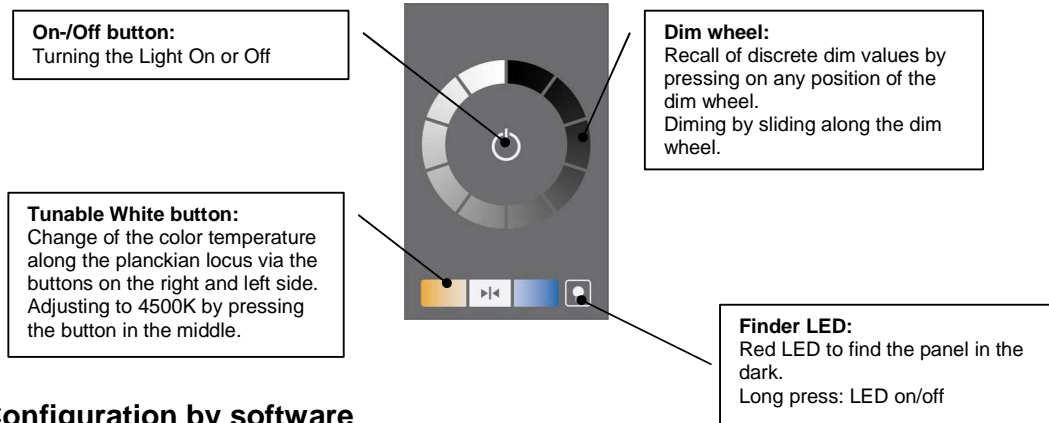
Via the software masterCONFIGURATOR (since V2.60) it is possible to configure the panel for tunable white applications. The layout is configurable to control individual addresses, groups or broadcast.

1.1 Function

Button assignments of the factory layout:



Button assignments of the tunable white layout:



1.2 Configuration by software

The masterCONFIGURATOR (since V2.6) software can be used to assign each of the buttons on the DALI-TOUCHPANEL 02. The DALI circuit can also be configured with the masterCONFIGURATOR (addressing, grouping, etc.). In addition to the masterCONFIGURATOR (since V2.6) software you will need a DALI USB for the connection between the computer and the DALI circuit.

Table 1: Parameters for the dimming mode

Dimming mode selection	Short press	Long press
Toggle ON/OFF	Toggles between the selected ON command and OFF command	
Dim up only	Ignored	On (if necessary) / fade up
Dim up and on for short press	Perform the selected ON command	On (if necessary) / fade up
Dim down only	Ignored	Fade down
Dim down and off for short press	Perform the selected OFF command	Fade down
Toggle up/down	Ignored	Toggle between fade up and fade down
Toggle up/down and on/off for short press	Toggles between the selected ON command and OFF command	Toggle between fade up and fade down

Note: Selecting ON or OFF in dimming mode not only allows you to switch the lighting on or off, you can also select which specific command for ON or OFF will be sent. ON and OFF are therefore variables.

Example: Configuring the scene 1 button

- Logical address: Broadcast
- Dimming mode: toggle ON/OFF
- ON/OFF command: ON command: "Go to scene 1" / OFF command: "Go to scene 1"

Each time the button is pressed the command "Go to scene 1" is sent.

1.3 Connection

The DALI TOUCHPANEL 02 is connected directly to the DALI circuit and does not need a separate power supply. It is powered via the DALI circuit (current draw = 6 mA). It can be connected to the DALI circuit with either polarity.

1.4 Example: Conference room

Requirement

- On/off switching at the door
- Dimming of all the lights (broadcast) at the control panel near the window
- Retrieval of user-defined lighting scenes (e.g. the presentation scene) at the control panel near the window

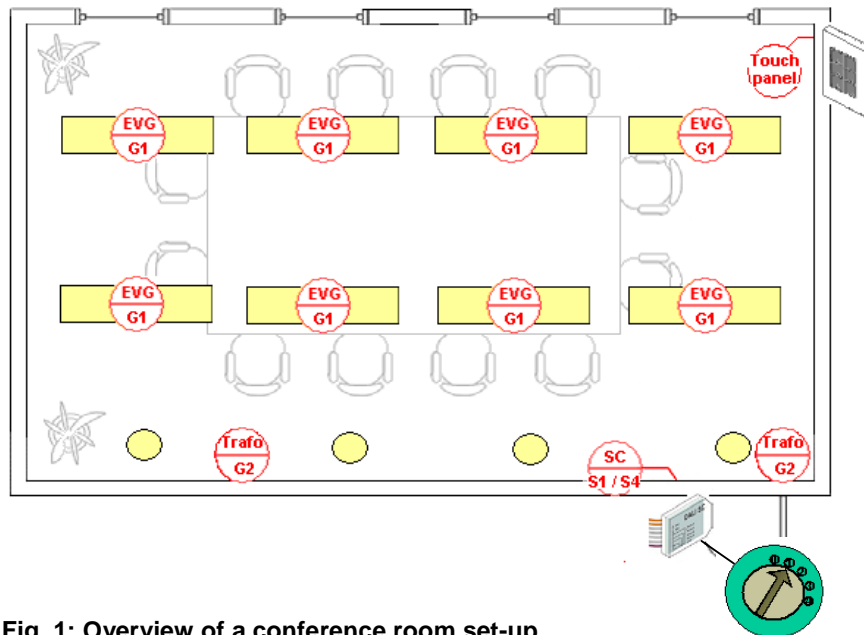


Fig. 1: Overview of a conference room set-up

Table 2: DALI-SC and TOUCHPANEL 02 assignment

	Conference room
Linear luminaires	Group 1
Halogen spotlights	Group 2
DALI-SC (control panel near door)	Rotary switch position 1 (scene 1-4): Scene 1 ⇒ Light off Scene 2 ⇒ Light 100% Scenes 3 and 4 ⇒ not used
DALI-TOUCHPANEL 02 (control panel near window)	Touchpanel factory layout: Scene 1 ⇒ Light off Scene 2 ⇒ Light 100% Scene 3 ⇒ Presentation Up button ⇒ Fade up both groups Down button ⇒ Fade down both groups OFF button ⇒ Switch off the lighting