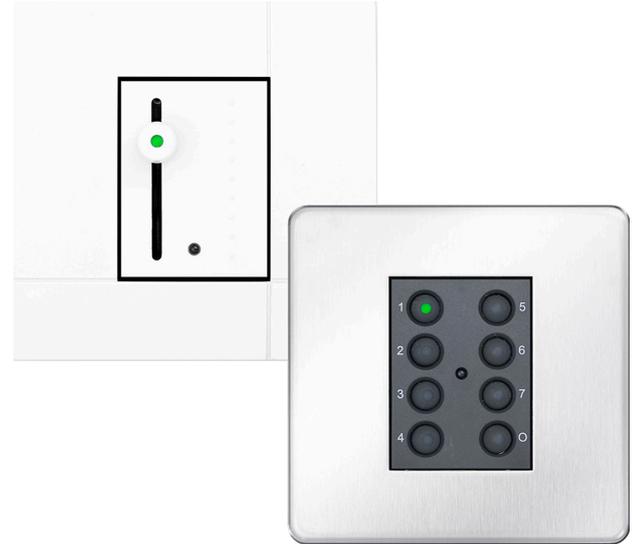# 11x, 12x Modular Panels

The Modular control panels are a DALI-compatible range of user interfaces that allow basic adjustments to the lighting system.

The range includes pushbutton, rotary and slider controls in a range of panel finishes. Each module is fitted with an indicator LED and an infrared receiver is included which gives the option of remote operation using a Helvar infrared remote control.

The remote control also allows additional control of the system's functions and can be used as a programming device on simple systems.

Key Features

- Out-of-box operation, supplied pre-programmed
- Easily reconfigured and fully programmable
- Designed to fit both DIN and UK standard back boxes
- Double-gang version can take three independent modules

Control Modules

Rotary (100)

Single Slider (110)

Double Slider (111)
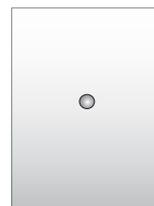
On/Off (121)

Up/Down (122)

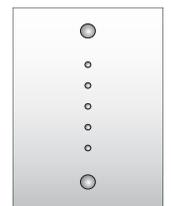4 scene + Off (124)

4 scene, Off + Up/Down (125)
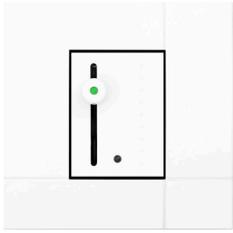
7 scene + Off (126)

Blank (150)

Infrared Module (170)

Panel Finish Examples
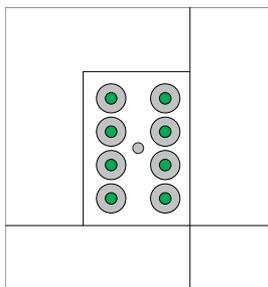

Satin White Plastic 110 & 200S
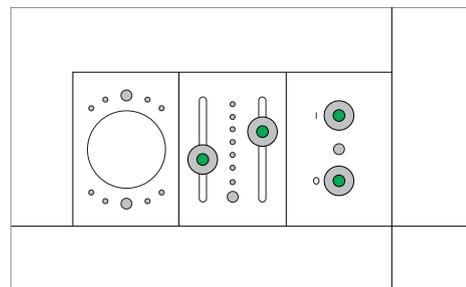

Stainless Steel and Grey Insert 100 & 232S

Panel finish	Single-gang frame	Double-gang frame
Satin White Plastic	200S	200D
Stainless Steel	232S	232D

Button module and frame kit (single gang or double gang) to be ordered separately.
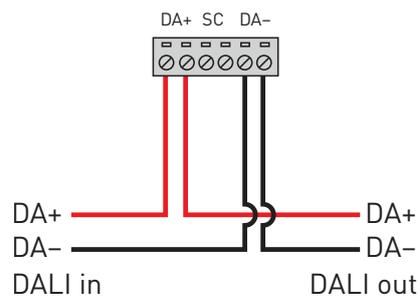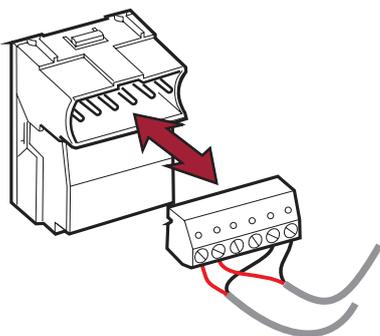
Combination Examples

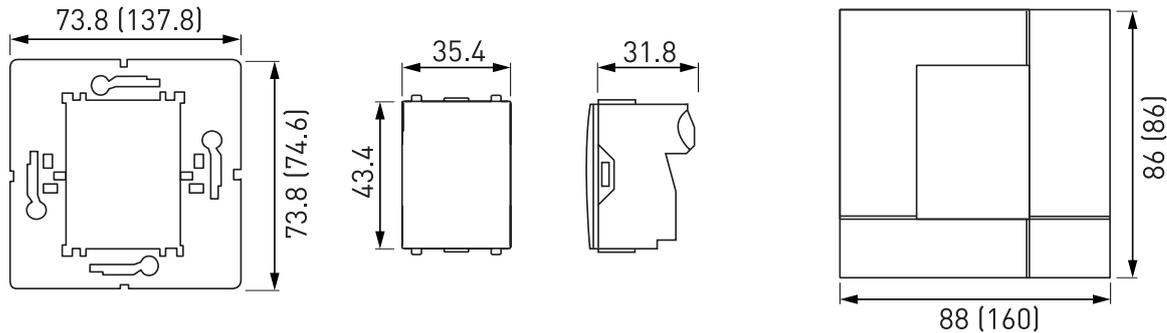7 scene + Off (126) + Satin White Plastic Frame, Single gang (200S)

Rotary (100) + Double Slider (111) + On/Off (121) + Satin White Plastic Frame, double gang (200D)

Connections

DA+ SC DA−

DA+   DA+
DA−   DA−
DALI in   DALI out

Dimensions (mm)

73.8 (137.8)

73.8 (74.6)

35.4

43.4

31.8

86 (86)

88 (160)

[ ] = Double gang dimensions

Technical Data

Connections

DALI:	Removable connector block
	Wire size: 0.5–1.5 mm², solid or stranded
Cable rating:	All cables must be mains rated.

Electrical Data

DALI supply input:	12–22.5 V
DALI consumption:	10 mA

Operation

IR frequency:	36 kHz

Operating conditions

Ambient temperature:	0 °C to +50 °C
Relative humidity:	Max. 90 %, noncondensing
Storage temperature:	-10 °C to +70 °C

Mechanical data

Dimensions:	35.4 x 31.8 x 48.4 mm
Colour:	White (RAL 9016)
	Anthracite Grey (RAL 7016)
Weight:	41 g with DALI connector
IP rating:	IP30

Conformity and standards

Conformity:	CE UKCA
EMC emission:	EN 55015
EMC immunity:	EN 61547
Safety:	EN 61347-2-11
Environment:	Complies with WEEE, RoHS and REACH directives.

Compatibility

Designer:	5.2.0 or later
Toolbox:	2.4.2 or later