

16xxx Control Panels

The 16xxx Series is a range of DALI-compatible button panels that allow control of the lighting system.

The buttons have LEDs indicating the selected scene. Each module is fitted with an infrared receiver that gives the option of remote operation using DIGIDIM hand-held remote control.

The 16xxx control panels are fully programmable in Helvar's Designer or Toolbox software.

Key Features

- Range of switch combinations, including customisable versions
- LED brightness programmable
- DIGIDIM/DALI
- Suited for UK back box only



161xx: On / Off



164xx: 4 Scenes + Off



165xx: 4 Scenes + Off + Up / Down



166xx: 7 Scenes + Off + Up / Down



169xx: 9 Scenes + Off

Fascia Options

- 16xAB: Antique bronze
- 16xMS: Mirrored stainless
- 16xPB: Polished brass
- 16xPN: Polished nickel
- 16xSS: Stainless steel
- 16xWH: Painted white

Customisable Versions

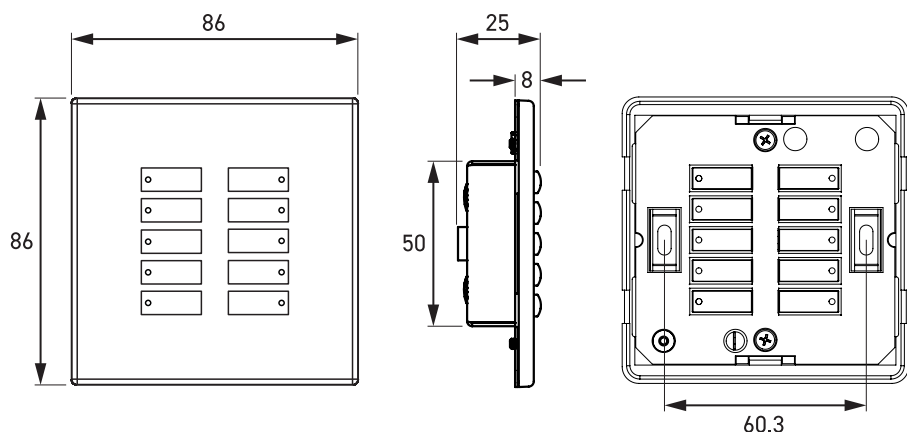
Both the button layout of the panels and the images or labels that are printed on each button can be customised:

- Any button layout can be specified to a maximum of two columns of five buttons.
- Images or labels to meet individual tastes or themes can be tailored upon request.

Gallery of Button Images and Labels

5%	30%	55%			80%	Min	All On			
10%	35%	60%			85%	Max	All Off			
15%	40%	65%			90%	Dim	On			
20%	45%	70%			95%	Full	Off			
25%	50%	75%			100%					
Lights	Open	Raise			House	Lounge	Bedroom			
Blinds	Close	Lower			Hall	Living	Bar			
Curtains	Up	Screen			Entrance	Dining	Breakfast			
Nets	Down	Garage			Reception	Landing	Kitchen			
Utility	Stairs				Master	Bathroom	Ensuite			
Library	Outside	Balcony			Uplights	Plinth	Day			
Drawing	Canopy	Terrace			Downlights	Warm	Twilight			
Studio	Garden	Pool			Reading	Cool	Night			
Gym	Patio	Table			Counter		Midnight			
Games	Porch									

Dimensions (mm)



Technical Data

Connections

DALI:	2-pole connector block, rising clamp terminals, captive screw Wire section: 0.5–2.5 mm ² Max. length: 300 m @ 1.5 mm ²
Cable rating:	All cables must be mains rated.

Electrical data

DALI supply input:	13–22.5 V
DALI consumption:	10 mA

Operation

IR frequency:	36 kHz
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Operating and storage conditions

Ambient temperature:	0 °C to +40 °C
Relative humidity:	Max. 90 %, noncondensing
Storage temperature:	-10 °C to +70 °C

Mechanical data

Dimensions:	86 × 86 × 25 mm
Mounting:	Mount to back box
Material:	Buttons: black plastic Fascia: metal
Weight:	150 g
IP rating:	IP30

Conformity and standards

Conformity:	
EMC emission:	EN 55015
EMC immunity:	EN 61547
Safety:	EN 61347-2-11
DALI:	IEC 62386
Environment:	Complies with WEEE and RoHS directives.

Compatibility

Designer:	4.2.18 or higher
Toolbox:	2.3.3 or higher