

# 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

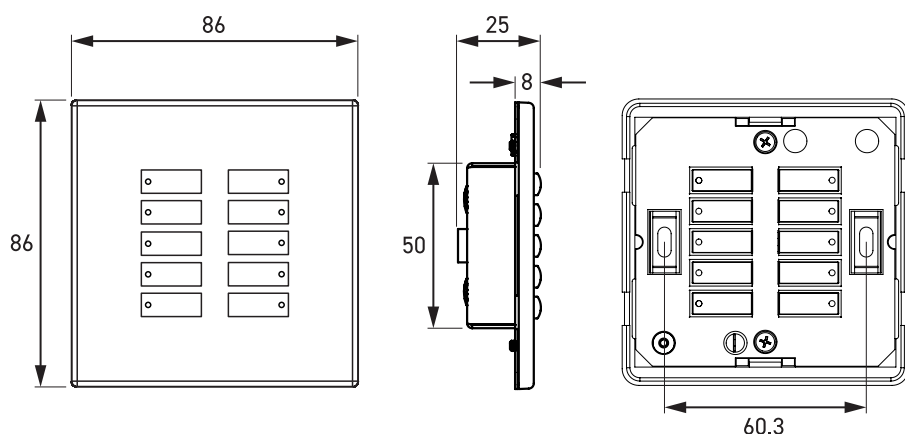
Both the button layout of the panels and the images or labels that are printed on each button can be customised:

- 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

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

### Electrical data

<b>DALI supply input:</b>	13–22.5 V
<b>DALI consumption:</b>	10 mA

### Operation

<b>IR frequency:</b>	36 kHz
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### Operating and storage conditions

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

### Mechanical data

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

### Conformity and standards

<b>Conformity:</b>	<b>CE UK CA</b>
<b>EMC emission:</b>	EN 55015
<b>EMC immunity:</b>	EN 61547
<b>Safety:</b>	EN 61347-2-11
<b>DALI:</b>	IEC 62386
<b>Environment:</b>	Complies with WEEE, RoHS and REACH directives.

### Compatibility

<b>Designer:</b>	4.2.18 or higher
<b>Toolbox:</b>	2.3.3 or higher