

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

Fascia Options

16xAB: Antique bronze 16xBN: Black nickel 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.
- The image or labels printed on the buttons can be chosen from the gallery shown on the next page.
- Other images or labels to meet individual tastes or themes can be tailored upon request.



161xx: On / Off



165xx: 4 Scenes + Off + Up / Down



169xx: 9 Scenes + Off



164xx: 4 Scenes + Off



166xx: 7 Scenes + Off + Up / Down

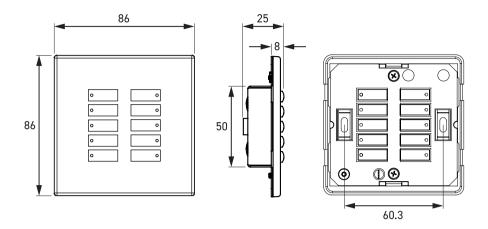


Gallery of Button Images and Labels

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5%		30%		55%		80%		Min		A ll 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		Bedroor	m
Blinds		Close		Lower		Hall		Living		Bar	
Curtains		Up		Screen		Entrance	Э	Dining		Breakfa	st
Nets		Down		Garage		Reception	on	Landing	l	Kitcher	า
Utility		Stairs				Master		Bathroor	n	Ensuite	Э
Library		Outside		Balcony		Uplights	3	Plinth		Day	
Drawing		Canopy		Terrace		Downlight	ts	Warm		Twiligh	t
Studio		Garden		Pool		Reading)	Cool		Night	
Gym		Patio		Table		Counter				Midnigh	nt
Games		Porch									



Dimensions (mm)



Technical Data

Connections	
DALI:	2-pole connector block, rising clamp terminals, captive screw
	Wire section: 0.5 mm² – 2.5 mm²
	Recommended: 1 mm² – 1.5 mm²
	Max. length: 300 m @ 1.5 mm²
Cable rating:	All cables must be mains rated.

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

Operation	
IR frequency:	36 kHz

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

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

Software compatibility	
Designer:	4.2.18 or higher
Toolbox:	2.3.3 or higher