basicDIM Wireless User Interface
Wireless user interface for basicDIM

Product description

- Battery powered, wireless wall switch
- Controls all types of basicDIM wireless devices
- 4 scenes
- Dim up / down
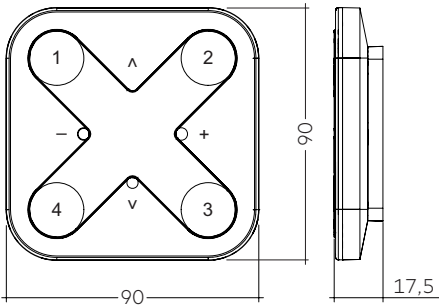- Colour temperature control
- 5-year guarantee

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Technical data

Battery Lithium-ion	CR 2430
Battery life	2 – 5 years, depending on usage
Wireless range, in open air	up to 60 m
Colour	Black
Operating temperature	0 ... +45 °C
Dimensions LxWxH	90 x 90 x 12 mm
Type of protection	IP20

Ordering data

Type	Article number	Packaging, carton	Weight per pc.
basicDIM Wireless User Interface	**28002213**	50 pc(s).	0.078 kg

1. Common

1.1 Description

basicDIM Wireless User Interface is a wireless user interface that brings huge flexibility to interior design as furniture can be replaced or even walls can be rebuilt without having to take wiring of switches or switch placement into account. The switch can be kept wherever the user needs it and it gives direct access to all the important Tridonic lighting control functionalities.

2. Thermal details and life-time

2.1 Expected life-time

Expected life-time

Type	ta	45 °C
basicDIM Wireless User Interface	tc	45 °C
	Life-time	50,000 h

The device is designed for a life-time stated above under reference conditions and with a failure probability of less than 10 %.

The battery life-time is depending on the usage.
The battery is not included in the standard guarantee.

3. Functions

3.1 Basic functions

The preset buttons of basicDIM Wireless Interface can be configured via the control app.
A light indicates the selected preset.

Dim up, Dim down:
• Smooth dimming of last chosen preset

Multipurpose buttons:
• Change of colour temperature in steps of 25 Kelvin
• Change of the indirect/direct ratio

Preset Buttons:
• Individual luminaire control
• Group control
• Control of all lamps
• Recall scenes
• Recall animations

3.2 Smart functions

3.2.1 Dimming
Hold the Dim down or Dim up button:
• Smooth dimming of last chosen preset, cycle takes 5 seconds

Tap the Dim down button:
• Chosen preset goes to 0 %

Tap the Dim up button:
• Chosen preset goes to 100 %

3.2.2 Preset buttons
Tap:
• The chosen preset (lamp control, group control, all lamps, scene recall or animation recall) will turn on

Tap again:
• The chosen preset (lamp control, group control, all lamps, scene recall or animation recall) will turn off

3.2.3 Colour Temperature
Hold the Multipurpose button:
• Changes colour temperature smoothly, cycle takes 5 seconds

Tap the upper Multipurpose button:
• Changes to the warmest colour temperature

Tap the lower Multipurpose button:
• Changes to the coldest colour temperature

3.2.4 Indirect/Direct Ratio (sum of indirect/direct in all cases 100 %)
Hold the upper Multipurpose button:
• Dims up smoothly the indirect lighting, cycle takes 5 seconds

Hold the lower Multipurpose button:
• Dims up smoothly the direct lighting, cycle takes 5 seconds

Tap the upper Multipurpose button:
• The indirect part goes to max level

Tap the lower Multipurpose button:
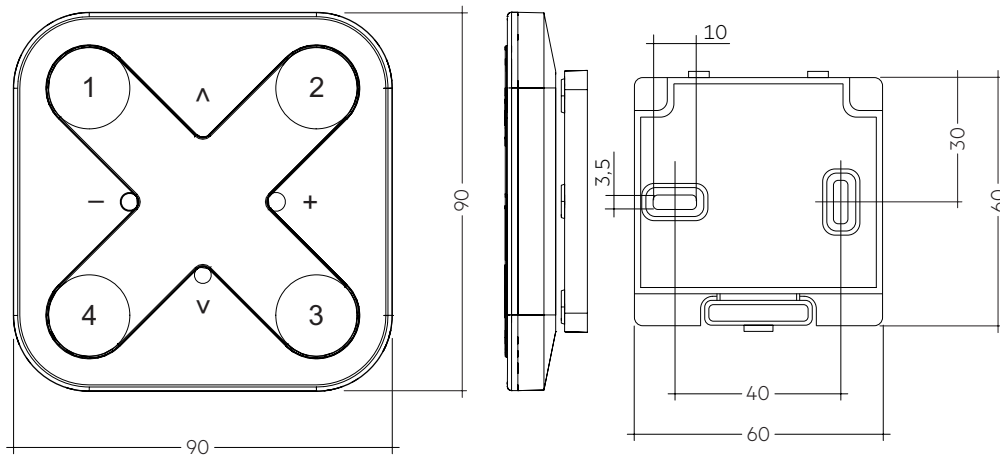• The direct part goes to max level

3.2.5 Turn Off
Press the Dim down and Dim up button for more than 1 second:
• Turns all lights off in selected network

4. Installation

4.1 Placement

basicDIM Wireless User Interface is equipped with magnets for easy
attachment to a mounting bracket.
The mounting bracket is included.

4.2 Installation note

Max. torque at the clamping screw: 0.5 Nm with screws (max. ø 3 mm).

5. Miscellaneous

5.1 Conditions of use and storage

Environmental conditions: 0 % up to max. 80 %,
                            not condensed

Storage temperature: -25 °C up to max. +75 °C

The devices have to be acclimatised to the specified temperature range (ta)
before they can be operated.

5.2 Additional information

Additional technical information at www.tridonic.com → Technical Data

Guarantee conditions at www.tridonic.com → Services

Life-time declarations are informative and represent no warranty claim.
No warranty if device was opened.