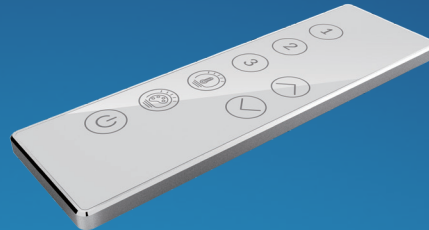


**PHILIPS**

Wireless

Wireless Controller

929001461062



## Datasheet

# Wireless Wireless Controller

This product is a handheld wireless device controller, built-in RF wireless module, with 8 touch keys, battery power supply. It is able to control the switch-on/off of single/multi-group terminal equipment wirelessly, realizing the adjustment of luminaire brightness, color and color temperature. The device can communicate with other wireless intelligent terminal devices such as gateways, smart lights, dimmers and smart sockets.

### Benefits

- Aluminum alloy frame, ultra-thin design
- Wireless access, meet 802.15.4 physical standards.
- Directly control zigbee-related equipment, such as lighting, curtains, etc.
- Realize anynet control to achieve the required scenario
- Meet ZIGBEE compliance agreement (ZHA)
- ZIGBEE's scene control

### Features

- 8 touch buttons
- Equipment control for lighting dimming, curtain opening and closing or ON and OFF functions.
- Support 3 sets of lamps ON/OFF and LEVEL control
- Support the light fitting function
- Support the luminaire color adjustment function

### Application

- Office
- Classroom
- Hotel
- Home

## Product Data

All specifications are typical and at 25 °C Tcase unless otherwise specified.

### Electrical data

Specification item	Value	Unit	Conditions
Operation voltage	3	Vdc	
Consume current	<20	mA	
Standby Current	<15	uA	
ESD	4KV @ conductive		
	8KV @ air		

### EMC & SAFETY

Specification item	Value
SAFETY	GB19510.1, GB19510.14
EMC	GB17625.1, GB/T 17626.4, GB/T 17626.5, GB/T 17626.7, GB9254-2008 (CISPR22-2006)
ESD	GB/T17626.2 (IEC61000-4-2)

### RF data

Specification item	Value	Unit	Conditions
RF Frequency	2.4 ... 2.485	GHz	
Channel	16	pcs	
Modulation	QPSK (DSSS)		
Transmit Power	8...10 Typical value : 8.5	dBm	Conditions: 2.0-3.6V, +25°C
Receiving Sensitivity	-92 ... -96 Typical value : -94	dBm	Nominal for 1% PER
Maximum receiver input power	+10	dBm	For 1% PER measured as sensitivity; supply current at 14.7 mA
Physical Protocol	802.15.4		
Security	128	bit AES	

### Operational temperatures and humidity

Specification item	Value	Unit	Conditions
Ambient temperature	-20...+50	°C	
Relative humidity	10...90	%	

### Storage temperature and humidity

Specification item	Value	Unit	Conditions
Ambient temperature	-25...+85	°C	
Relative humidity	5...95	%	

### Lifetime

Specification item	Value	Unit	Conditions
Battery lifetime	1	Year	Press key 10 times @ 1 day

### Certificates and standards

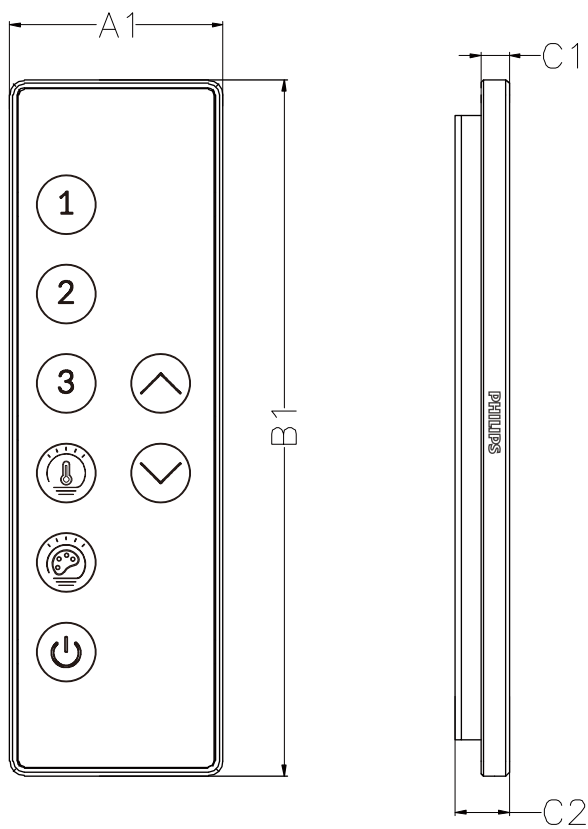
Specification item	Value
Approval marks	CE
RoHS	RoHS
REACH	REACH
ZIGBEE	ZIGBEE
Audible noise	< 20dB
Ingress Protection classification	IP20

Dimensions and weight

Specification item	Value	Unit	Conditions
Material	Aluminum/ABS/Glass		
Color	Vory white		
Dimensions L x W x H	140 x 43 x 10	mm	
Weight	72	gram	
Length (A1)	43	mm	
Width (B1)	140	mm	
Height (C1)	5.7	mm	
C2	10.9	mm	

Wireless Phase-cut Bridge Box

Dimensions (mm)



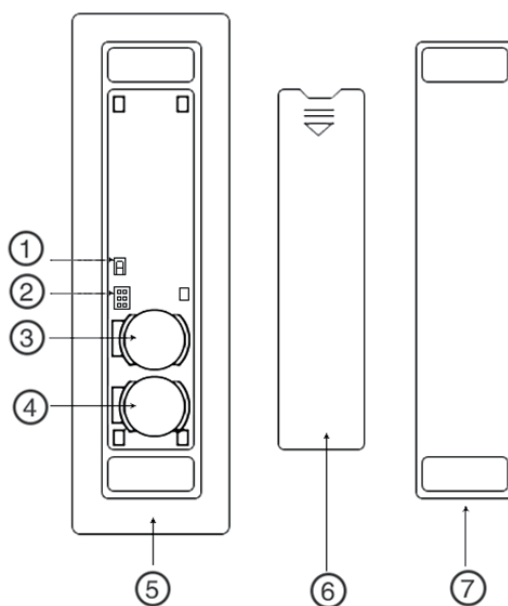
Data Sheet	
Item	Dimensions (mm)
A1	43
B1	140
C1	5.7
C2	10.9

## Installation

### Parts information

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1. Toggle switch
2. Socket for software update
3. Battery
4. Battery
5. Remote controller
6. Rear plate
7. Magnetic suction wall base



### Remove the battery gently with your hand

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Put the new battery into the lower part of the left spring plate first.



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Data subject to change