



Wireless Panel RB



WiZ Pro Wireless Panel RB

929003360971 (Grey) / 929003361071 (White)

Enabling connected lighting system for welcoming spaces

WiZ Pro Wireless Panel RB is a rechargeable lithium battery-operated wireless control panel with self-reset keypad. It can provide features as accessory in the system such as light on/off, dim up/down, 4 favorite scenes. It enables simple, cost effective wireless lighting system for energy saving and comfort. Advanced design of the wireless panel helps to build a reliable, scalable and standardized connected lighting with different functionalities from simple wireless dimming to favorite scene configurations.

Benefits

- Easy wireless dimming for energy saving and convenience
- Self-reset switch panel to provide control functions
- Local communication protocol not relying on Wi-Fi network and connectivity, so the accessory can control the lights even if Wi-Fi is down. No gateway needed
- Some features can be modified remotely using App settings for the lights for favorites of rooms and scenes
- CE/CB/UKCA certificated

Features

- Lithium-ion 3.7V rechargeable battery
- 6 keypads
- Extra low standby power
- 50,000 hours lifetime
- Integrated as accessory in WiZ Pro software suite
- <https://www.wizconnected.com/en/pro/get-started/>

Application

- Residential
- Hospitality
- Restaurant
- Retail
- School
- Leisure places

Logistical data

Specification item	Value
Product name	WiZ Pro Wireless Panel RB G / WiZ Pro Wireless Panel RB W
12NC/Model	929003360971 / 929003361071
Pieces per box	48 pcs

Product Data

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

Electrical data

Specification item	Value	Unit	Conditions
Power supply	3.7V Lithium-ion battery	Vdc	Built-in Battery Capacity (included)
Standby power	0.3	mW	
Built-in battery type	Lithium-ion battery (rechargeable)		
Built-in battery capacity	280	mAh	
Charging LED indicator	2		Red: charging, Green: fully charged
Full charge time	4	hours	
ESD	4KV @ HBM, 8KV @ Air		

Control Interface

Specification item	Value
Keypad	6

RF interface

Specification item	Value	Unit	Conditions
Communication method	Wi-Fi		
Wi-Fi Frequency	2400-2483.5	MHz	IEEE Std 802.11 b/g
Wi-Fi Transmission power	20	dBm	Maximum
Wi-Fi channel	1...13		

Indicator

Specification item	Value
LED indicator	6 white Color

Operational temperature and humidity

Specification item	Value	Unit	Conditions
Ambient temperature	-10...+45	°C	Discharge
Ambient temperature	5-45		charge
Relative humidity	10...90	%	
Tcase_life	50	°C	
Tcase_max	50	°C	

Storage temperature and humidity

Specification item	Value	Unit	Conditions
Ambient temperature	-25...+45	°C	
Relative humidity	5...95	%	

Lifetime

Specification item	Value	Unit	Conditions
Lifetime	50,000	Hours	@Tcase_life. Maximum failures=10%
Key press cycles	100,000	Cycles	
Full Charge Time	4	Hours	@Max Charge current 100mA
Battery life	150	Days	@Press keypad 30 times a day

Certificates and standards

Specification item	Value
Approval marks	CE/CB/UKCA
Environment	RoHS, REACH
Connection	Wi-Fi IEEE802.11 b/g,
Audible noise	< 24 dB @5cm
Ingress Protection	IP20

Notes:

Simplified EU Declaration of Conformity

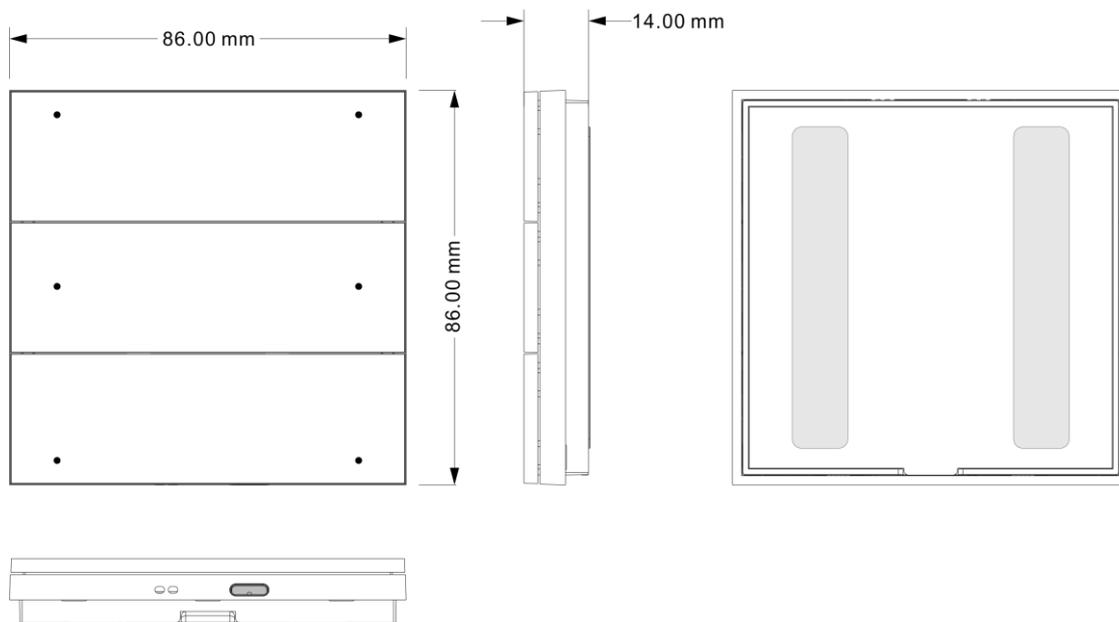
Hereby, Signify declares that the radio equipment type WiZ wireless panel is in compliance with the Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: www.wizconnected.com/

Simplified UK Declaration of Conformity

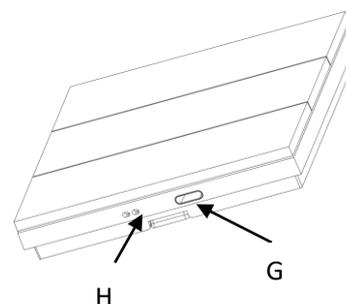
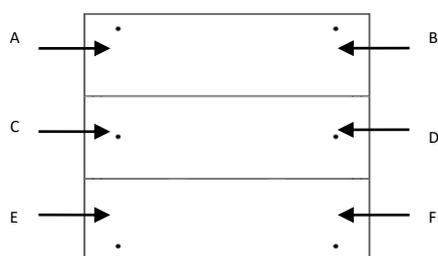
Hereby, Signify declares that the radio equipment type WiZ wireless panel is in compliance with the Radio Equipment Regulations 2017 (S.I. 2017/1206). The full text of the UK declaration of conformity is available at the following internet address: www.wizconnected.com

Dimensions and weight

Specification item	Value	Unit	Conditions
Dimensions L x W x H	86*86*14	mm	Tolerance: +/- 0.1mm
Color/ Material	Dark Grey/White /PC		
Weight	92	gram	



Wiring & Connections Wizard



A	ON / +	On or Dim up	Short press or long press
B	OFF / -	Off or Dim down	Short press or long press
C...F	SCENE 1-4 or Night mode	Input Keypad	1,2,3,4
G	USB type C port	5V USB charge port	
H	LED	Charging LED (red /green)	

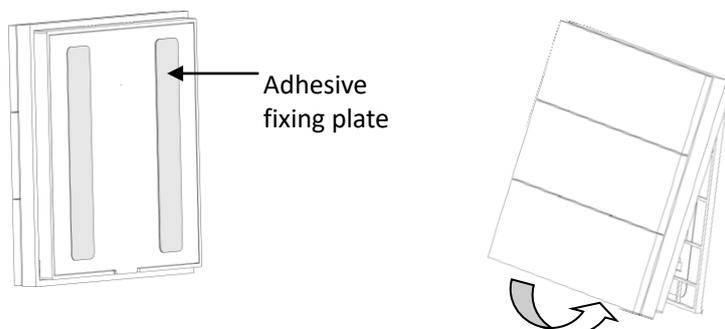
Notes and Installation

Important notes:

- The wireless panel works only with WiZ products. It does not support Philips Hue products.
- The wireless panel works as a remote control. It does not provide physical electricity circuit break when turning off a WiZ product with a WiZ PRO wireless panel. The user shall always disconnect the mains supply before installing or maintaining the controlled WiZ product (e.g lamp replacement) via a physical switch (e.g a circuit breaker).

Installation Guides

- Clean the wall or glass wall first, remove the protective film of adhesive sticker, and adhere the base plate to the position that needs to be installed;
- Attach the panel to the base plate
- When the indicator does not light up when pressing the key, the battery needs to be charged;
 - Separate the wireless panel from base plate as indicated in the drawing;
 - Insert the 5V charging head of USB type C into the charging port for charging;



Commissioning

Keep the battery fully charged, open the WiZ App software, add "Wall Controller", follow the App prompts, press the ON button 3 times until the device is successfully paired.

Disposal method

Please inform yourself about the local waste disposal, separation and collection system for electrical and electronic products and packaging. Please act according to your local rules and do not dispose your old product and packaging with your normal household waste. The correct disposal of the packaging, your product and/or batteries will help prevent potential negative consequences for the environment and human health. Batteries should be disposed separately from the municipal waste stream via designated collection facilities. When disposing a product that contains non-user replaceable batteries, the non-user replaceable batteries shall be removed by a professional.



Download free WiZ App



The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract.

WiZ is a global brand of



© 2022 Signify Holding, IBRS 10461, 5600VB, NL. All rights reserved. This document contains information relating to the product portfolio of Signify which information may be subject to change. No representation or warranty as to the accuracy or completeness of the information included herein is given and any liability for any action in reliance thereon is disclaimed. All trademarks are owned by Signify Holding or their respective owners.

Signify – I.B.R.S. / C.C.R.I Numéro
10461 5600 VB Eindhoven
The Netherlands

Signify Commercial UK Ltd.
Unit 3,
Guildford Business Park
Guildford, Surrey, GU2 8XG, UK