

BRDG-02M11

RF Repeater

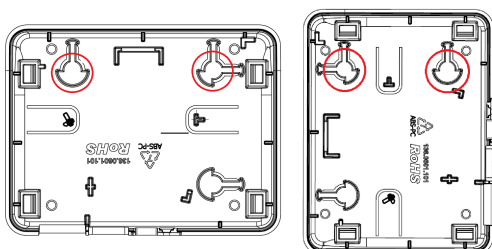
Installation

Check the contents



1. Communication module.
2. Power adapter.
3. Manual.

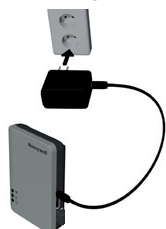
Install module on wall



1. You can place the module on the wall vertically or horizontally.
2. Use 2 screws (2.9 x 22mm) to mount the module on the wall
3. Place two screws on the wall and attach the back of the module in the indicated inputs.

NOTE The device is not intended to be mounted at a height above 2m.

Connecting for repeater functionality



1. Connect the communication module using the USB cable to the power adapter.
2. Connect the power adapter to the 230V power outlet. LED , LED  and LED  are lit.
3. Power LED starts blinking (repeater is now in learning mode for 5 minutes).
4. Bind the product that needs to be repeated to each other. This binding procedure is just as normal.

The Ramses repeater listens for binding messages. Once the Ramses repeater recognizes that a product sends a binding message, this product is automatically added to an internal list of repeated products. All messages from these products will be repeated from now on.

A product is also added when it sends any message to a product that is already in the list. This is called "Auto learning".

Wait 30 seconds before removing the power supply after a product is added to the list.
Changes in the list are saved periodically every 30 seconds.

NOTE Keep a distance of 20cm from the device when operating.

LED Indication	Function	Action
  	LED  OFF	No message forwarded
	LED  blinking shortly	Repeater forwarded a message
	LED  OFF	Repeater hasn't learned a device yet
	LED  ON	Repeater has learned at least 1 device
	LED  blinking	Repeater learned a new device, blinks for 60s, after 60s the LED will be ON
	LED  blinking	Repeater is in learning mode for 5 minutes
	LED  ON	Repeater is in normal mode
	Restore the factory settings: Press the reset button for 10 seconds, the power LED start blinking, release the reset button. The repeater reboots. All learned devices will be removed.	

Specifications

Power	5Vdc +/-10% / 100mA / 0,5W USB adapter 230V AC to 5V DC Max USB current 500mA
Environment	Operating temperature: 0-40°C Storage temperature: -25 tot 60°C Humidity: 5-90% (Non-Condensing)
Dimensions	80 x 25 x 105 mm (W x H x D)
Unit weight	90 gram
Ports	Micro USB B connector (power)
Communication	RF: 868.3MHz; 13.7 dBm

Disposal and Recycling

	Waste electrical products should not be disposed of with general waste. Please recycle where these facilities exist. Check with your local authority for recycling advice.
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 **NOTE** You are not allowed to use the device outside of Europe.

Declaration of conformity

Signs of the unit

T40 Maximum operational temperature is 40

 CE marking of conformity

 Dispose according to European Community Directive 2019/290/EU (WEEE).

Directives

The declaration of conformity is the sole responsibility of

Airios

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The Netherlands

RF-REPEATER BRDG-02M11

The product complies with the applicable EU harmonizations legislation.

- RED Directive 2014/53/EU
- RoHS Directive 2011/65/EU and 2015/863
- REACH Directive 1907/2006
- WEEE Directive 2019/290/EU

The device meets the following EC standards:

- ETSI EN 300 220-1 v3.1.1
- ETSI EN 300 220-2 v3.2.1
- ETSI EN 301 489-1 v2.2.3
- ETSI EN 301 489-3 v2.3.2
- EN 62368-1:2020+A11:2020
- EN 62311:2020
- EN 63000:2018

The Notified Body Kiwa Nederland B.V., with Notified Body nr. 0063, has issued under the conformity assessment procedure as described in Annex III of the directive, the EU-type examination certificate 222140260/AA/00