



# BRDG-02M11

## RF Repeater

### Installation

#### Check the contents



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

#### 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.

#### Notes:

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.

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 To stop the blinking press the reset button for ~1s, the LED will now be ON. (see picture below)
	LED  blinking	Repeater is in learning mode for 5 minutes
	LED  ON	When the repeater is in normal mode you need to power cycle the repeater to reenter learning 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

<b>Power</b>	USB adapter 230V AC to 5V DC Max USB current 500mA
<b>Environment</b>	Operating temperature: 0-50°C Storage temperature: -25 tot 60°C Humidity: 5-90% (Non-Condensing)
<b>Dimensions</b>	80 x 25 x 105 mm (W x H x D)
<b>Unit weight</b>	90 gram
<b>Ports</b>	RJ45 ethernet connector (female) Micro USB B connector (power)
<b>Communication</b>	RF: 868.3MHz; Rx Class 2 Ethernet (10 / 100Mbit)
<b>Complies with</b>	EMC directive: 2014/30/EU LVD directive: 2014/35/EU RED directive: 2014/53/EU ROHS directive: 2011/65/EC WEEE directive: 2012/19/EU

## 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.

Hereby, HCCP, declares that this BRDG-02M11 is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

### HCCP

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