ebode

IMRF

**Transmitter
Wireless Pulse Wall Switch**

General Security Note

For carefree and safe use of this product, please read this manual and safety information carefully and follow the instructions. Technical manipulation of the product or any changes to the product are forbidden, due to security and approval issues.

Please take care to set up the device correctly - consult your user guide. WARNING: Do Not Open! Risk of Electrical Shock. Voltages in this equipment are hazardous to life. No user-serviceable parts inside. Refer all servicing to qualified service personnel.

Important: the product must be used according the instructions in this manual and is not suitable for other purposes.

Please avoid the following: strong mechanical wear and tear, high temperature, strong vibrations, and high humidity.
Please also respect the additional security notes in the various user guide chapters. To ensure correct set up please read the manual and security notes carefully.

X10 address

The X10 address consists of a HOUSE CODE and UNIT CODE.
This unique address makes it possible to control one or more receivers
(with the same address) with commands from the IMRF switch.

General Information:

1. The factory default address is set to A1.
This means you can remotely control any X10 compatible receiver which is set
to address A1:
   a) Like e.g. the Ebode receivers RMA, RMV, RPT, RPA, RPL (RPA and RPL
      require a RF transceiver in order to convert the RF signals to X10 power
      line commands, e.g the RPT).
   b) Or Classic X10 Receivers like the TM13, CM15 or SC28 security console,
      when set to the same House code, A.

2. The front LED of the IMRF module indicates the following state:
- Green: ON
- Red: OFF

Programming the IMRF switch:

Information: The front LED indicates the 3 following states:
- Red LED: House code (A to P)
- Green LED: Unit code (1 to 16)
- Yellow LED: status of the program mode.

When setting the address to e.g.: B3.

1. Press and hold the button until it lights up yellow. (The led will
illuminate, then off after 10 seconds, then goes yellow); release
button press.

Next the LED will blink once red for the House Code 'A' then blink green
once for the Unit Code '1' (the factory setting is A1: One red blink and
one green blink), then blinks yellow for 5 seconds.

2. In the interval of 5 seconds before the yellow light goes off, press
and hold the button until the HOUSE code «B»: there will be 2 red
blinks for B. Release the key at the time the selected Home code is
reached, the indicator lights up yellow again.

3. While the Led is yellow, press and hold the button until the green led has blinked 3 times saying the Unit code is "3", Unit Code "3" means 3 green blinks, for "4" this would mean 4 blinks etc.

When releasing the button the yellow led will blink 3 times. The address is now set to "B3" and the IMRF switch left the program mode.

Mounting the IMRF switch to the wall.

1. Use a screwdriver to remove the mounting plate from the switch cover. Be careful not to damage the electronic circuit.

2. Attach the mounting plate to the wall using double sided tape or 2 screws (2 mm) etc.

3. Reattach the cover to the mounting plate. Make sure the logo is on the bottom right.

When changing the battery, the address will be retained.

Operating the IMRF module.

Check the address.

Note: If the wall switch is connected to several receivers, then each pulse on the key turns On/Off all related receivers at once.

Short press (Green led)
The receivers with the same address will power on.

Short press (Red led)
The receivers with the same address will power off.

Tips - Knowledge base available on www.ebodeelectronics.eu.

Receivers do not respond to wall switch command?

- Check and/or change the battery if necessary.
- Check the radio signals transceiver CM15, IR7243RF, RPT, RMA, RMV, TM13, SC28 security console is powered on.

CE DECLARATION OF CONFORMITY

We, BMB Electronics BV, Kortakker 10 – 4264 AE Veen – The Netherlands, herewith declare that the following designated product IMRF, is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Product category : general consumer (category 3).

Date: March 2009   Peter Schoon - Product Manager BMB

Device: The use of the symbol indicates that this product may not be treated as household waste. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

Batteries: Do not dispose of used batteries in the household rubbish! They should be deposited at a collection point for used batteries.

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Also available from ebode electronics:

On-Wall Modules

Product	Description
EM	2-position RF wall switch, ideal for retro fit installations to e.g. control blinds, shutter, home cinema screens but also lighting or appliances.
IMRF	Single position RF wall switch, ideal for retro fit installations to e.g. control applications or an inside or outside light.
RMV	Control your shutter, blind or e.g. cinema screen via the front panel keys, or remotely via any ebode / X10 compatible controller.
RMA	Control your appliance, light or e.g. pump via the front panel keys, or remotely via any ebode / X10 compatible controller.
RPA, RPL, RPT	Ideal for retro fit installations, the classic X10 plugin module in a new and stylish jacket. Control your appliance or lamps etc, via any ebode or X10 compatible controller via PLC AND RF!
TPC/ TMML	New stylish RF remote to control any ebode or X10 compatible RF receiver.

In-Wall Modules

Product	Description
EMML	2-position RF in-wall module to install behind any mechanical wall switch. The EMML is battery operated.
RMML	In-wall RF receiver, ideal for any switches lights and appliances up to 300W.
PMML	A package containing both the EMML and the RMML.

Under development

Product	Description
RMP	Update on existing RMV with dry contact output. Ideal to control e.g a motorized gate.
RMSN	In-wall RF receiver without Neutral for light applications including incandescent, halogen, fluorescent, LED (even 0.5W charge).

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