



Wireless



data sheet

RK-MOD

CONTROL MODULE FOR RAKO WIRELESS SYSTEMS

WHAT IS IT ?

A wireless push button module that can accommodate up to 12 push buttons configurable via NFC. Standard button configurations are shown overleaf, along with their corresponding part numbers.

Hand finished metal surrounds are available in a number of finishes and should be ordered separately;

Satin Chrome: HS-MOD-SC

Polished Chrome: HS-MOD-PC

Antique Brass: HS-MOD-AB

Polished Brass: HS-MOD-PB

Matt Bronze: HS-MOD-BM

Matt White: HS-MOD-WH

Matt Black: HS-MOD-MB

Powered by lithium battery allows the RK-MOD-xxx-x to be mounted anywhere without the need to run cables.

The keypad opposite shows:

RK-MOD-110-B with HS-MOD-SC surround.

Product code Key:

| RK-MOD | XXX | X |
|---------------------|--|---------------|
| Product prefix code | Button Layout | Button colour |
| RK-MOD | 070 110 020 etc. see overleaf for full range | B (Black) |

Wireless push button wall plate with up to 12 push buttons. Customisable and programmable via NFC communication



SIMPLE, FLEXIBLE CONTROL

The RK-MOD-xxx-x uses three different button sizes across a range of keypad layouts. This offers a truly flexible range of designs to suit all your lighting control requirements including: Curtain, Blind, Audio, Multi and Single Room layouts.

A RAMPI or RK-HUB and Rasoft Pro programming software is required for setup and configuration of the RK-MOD-xxx-x. Once addressed it is possible to control any Room/Channel in the system, sending commands to each including:

- Scene selection
- Scene toggle
- Level toggle
- Room/Channel raise & lower
- Macro start/stop/control
- House Master controls

Rako's coded radio transmission eliminates the need for any data cables ensuring the system can be installed with minimum fuss or disruption.



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technical data

dimensions

Control Panel: 86x86x25mm
Surround: 88x88x6mm

fixing

Flush mounting into standard UK single gang back box, minimum depth: 25mm

input supply

6V DC - 2x 3V Lithium coin cell
CR2016 (remote power supply version available)

weight

95g

battery life

Greater than 3 years

climate range

Temperature +2C to +40C
Humidity +5% to 95% non condensing

communication

433.9MHz coded FM radio
Programming via NFC

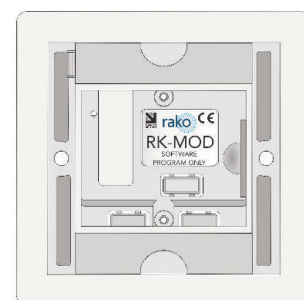
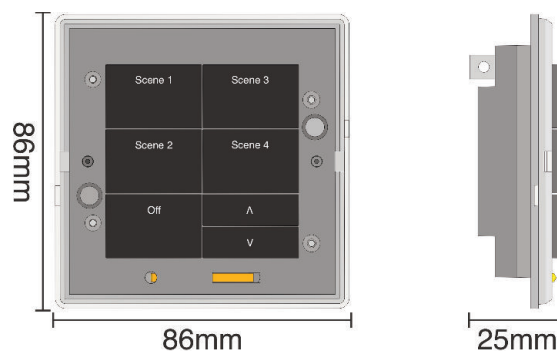
memory

Flash memory (non volatile)
Firmware upgrade via Rasoft Pro

standards

Emissions - EN61000-6-3 : 2007
Immunity - EN61000-6-1 : 2007

mechanical data



Standard button configurations & part numbers

| | |
|---------|---------|
| Scene 1 | Scene 3 |
| Scene 2 | Scene 4 |
| Off | A |
| | V |

RK-MOD-070

| | |
|---------|---------|
| Scene 1 | Scene 3 |
| Scene 2 | Scene 4 |
| Off | On |
| | Off |

RK-MOD-072

| | |
|---------|---------|
| Scene 1 | Scene 5 |
| Scene 2 | Scene 6 |
| Scene 3 | Scene 7 |
| Scene 4 | Scene 8 |
| Off | A |
| | V |

RK-MOD-110

| | |
|---------|---------|
| Scene 1 | Scene 1 |
| Scene 2 | Scene 2 |
| Scene 3 | Scene 3 |
| Scene 4 | Scene 4 |
| Off | Off |

RK-MOD-103

| | |
|---------|-------|
| Scene 1 | Open |
| Scene 2 | • |
| Scene 3 | Close |
| Scene 4 | |
| Off | A |
| | V |

RK-MOD-101

| | |
|-----|-------|
| 1 | 5 |
| 2 | 6 |
| 3 | 7 |
| 4 | 8 |
| All | Open |
| | Close |

RK-MOD-111

| | |
|-----|---|
| On | A |
| Off | V |

RK-MOD-040

| | |
|-----|-----|
| On | On |
| Off | Off |

RK-MOD-041

| | |
|-----|--|
| On | |
| Off | |

RK-MOD-020

| | |
|-------|-------|
| Open | Open |
| • | • |
| Close | Close |

RK-MOD-060

| | |
|-------|--|
| Open | |
| • | |
| Close | |

RK-MOD-030

telephone +44 (0) 1634 226666 fax +44 (0) 1634 226667 www.rakocontrols.com

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