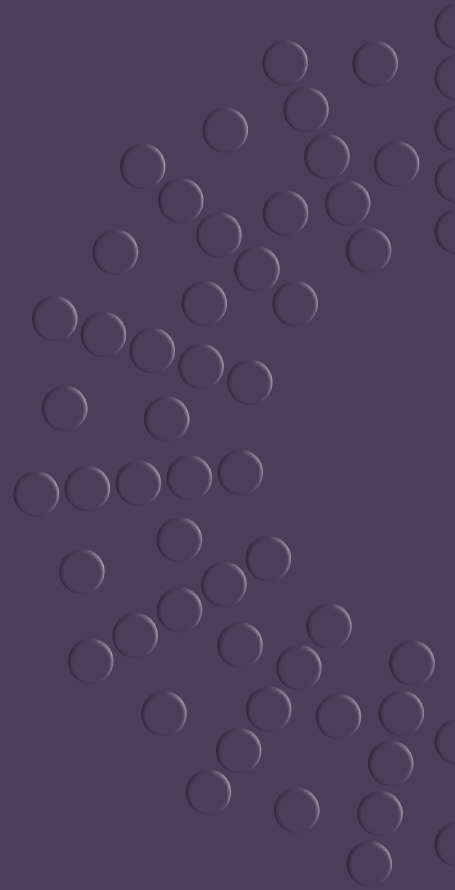
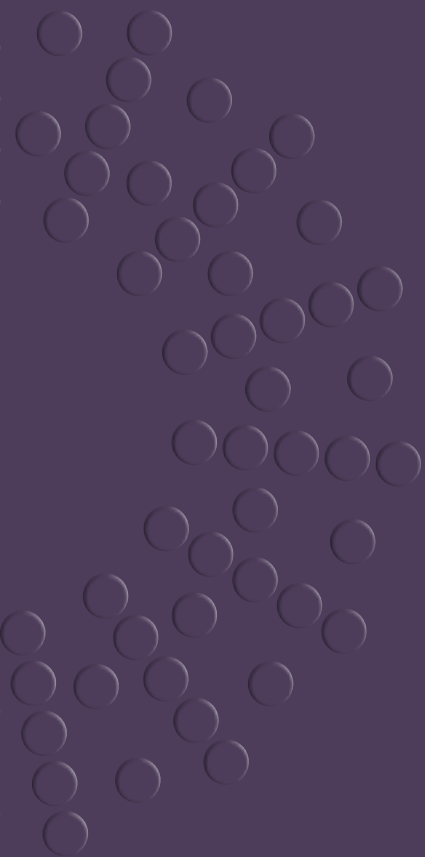


rako





MOOD • AMBIENCE • FUNCTION

Scene setting controls offer luxury, comfort and convenience in the hospitality and commercial sectors and are an integral part of today’s smart homes. With control options ranging from keypads, remotes, tablets, smartphone apps and voice command, Rako provides the user with ultimate flexibility.



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WELCOME TO RAKO

DESIGNED AND MANUFACTURED IN THE UK



Established in 2002, with a wealth of experience in lighting controls, Rako was at the forefront of bringing wireless lighting controls to residential properties and luxury developments. With exceptional customer service and technical expertise at its core, Rako has become the go-to provider for new developments and technological advancements in lighting controls.

Designed and manufactured in the UK at Rako's ISO9001 facility in Sittingbourne, the products are made to exacting standards with this proximity allowing Rako to have close control of production SKUs and stock.

Today, Rako offers an unparalleled range of products backed by a project planning and support service that is second to none.

“We realise that planning a project can be confusing, especially with the vast array of lamp types and fittings available. With a hugely experienced support team and a network of trained dealers, there’s always someone able and willing to help.”

Rako lighting controls make the smart home dream a reality and can equally be applied to other applications. Office, meeting and conference facilities take on a more professional image with moods for presentations and meetings. The atmosphere in bars and restaurants can be subtly changed, enhancing the customer experience with smooth fading, reducing the impact and intrusion of cumbersome switching. Scene changes can be easily selected by staff or automatically from repeatable timed events. Hotel bedrooms have added sophistication, guests can have a little extra luxury whilst dining and public areas benefit from a more relaxing feel with scenes becoming more intimate as the evening progresses.

Images shown on this page: from a private residential property in Dulwich, London, UK. Opposite: from a private residential property in Iwer, Buckinghamshire, UK. Images courtesy of Lighting of London – lightingoflondon.co



A LIGHTING CONTROL SYSTEM LIKE RAKO ALLOWS YOU TO CREATE THE PERFECT ENVIRONMENT BY ADJUSTING MULTIPLE LIGHTING CIRCUITS AS WELL AS WINDOW SHADING TREATMENTS, WITH JUST ONE BUTTON PRESS.

WHAT IS SCENE SETTING?

Mood lighting systems offer the user the ability to recall a scene, or mood of lighting, at the touch of a button, a swipe of a smartphone or by voice command, whilst controlling multiple circuits or lamp types.

Scene lighting has long been used in the commercial environment to create appealing lighting in areas such as restaurants, conference facilities and boardrooms. Gaining its name from the theatre where complex lighting changes are needed for each scene, it allows a lighting mood to be recalled by pressing one button rather than adjusting several rotary knob type dimmers. Applied to home use, a Rako lighting control system allows a number of circuits to be controlled from a single button enabling the user to select the appropriate 'mood' of lighting for the task in hand (even if that's watching TV) with all the lighting in the room adjusting to the preferred, pre-programmed setting.

There are several reasons why scene-setting is desirable. Most lighting settings are quite repeatable. So why not just press a button to get that setting? For rooms where there are multiple circuits of



lighting, a single keypad avoids the need for lots of individual rotary dimmers that all need adjusting before the correct settings are obtained. If those multiple circuits are quite different lighting types, e.g. mains voltage downlights and low voltage LED tape, then the dimmers required for these might well use quite different dimming techniques, and may not be available in matching styles. With a scene-setting system like Rako, the dimmer packs are remote units and can therefore be specific to the lamp types in question.

Creating effective mood lighting goes hand in hand with good lighting. A good lighting design creates interest and highlights features in a room. A flat, even lighting is fine for task lighting but cosy, mood lighting is best achieved by being able to create pockets of light. This takes a combination of design and control.

Scan this QR Code to watch our whole house video to learn more.





CIRCADIAN RHYTHM

We are seeing an increasing awareness around human health and well-being, which is likely to drive growth in human-centric lighting for the home.

The advertised sleep and health benefits of circadian lighting have created excitement within the residential, hospitality and commercial markets. This has driven investment in technology, including lighting control, that can deliver the comfort and convenience that people now see they would like. The ability for a control system to adjust colour temperature is of course, dependent on the availability of high quality, tunable white fittings. With the Rako app, you can control the colour temperature of your space by simply adjusting the slider to reach the perfect setting.

ADJUST COLOUR
TEMPERATURE TO BOOST
ENERGY LEVELS DURING
THE DAY OR CREATE A
CALMING LIGHT LEVEL
TO RELAX BEFORE SLEEP.

WHY USE A LIGHTING CONTROL SYSTEM?

Dimming lamps has always saved energy and in an increasingly energy conscious world this is ever more important. Technological changes have led to a rapid growth in the lamp types available for use, with energy efficient light sources such as LEDs requiring more sophisticated dimming solutions than conventional tungsten. As a result, dimming controls need to be more advanced and well matched to the chosen lamps. Rako is at the forefront of providing smooth, efficient solutions for the latest fittings available and publishes compatibility guides to help designers and specifiers.

With a lighting control system like Rako, comfort and convenience can be incorporated into everyday life. Create a 'Welcome' scene or 'Pathways of light' upon arrival, or turn the whole house off from the bedside or when leaving the property.

A lighting control system can also provide an additional layer of security for residential properties. With automated lighting, curtains and blinds together with timed or 'holiday mode' functions enabled, the impression of occupancy can be created. With static curtains and unlit homes being one of the biggest tell-tale signs to would-be intruders, this provides invaluable security. In addition, linking fire and burglar systems to lighting gives the comfort that if the worst happens, home-owners are not left in the dark with either a fire or an unwelcome guest.

Images shown: (From left to right) The Langley, Buckinghamshire (Images courtesy of James Balston Photography – jamesbalston.com and dpa lighting consultants – dpalighting.com). Private residence, South East London (Images courtesy of Simone Adler Lighting Design and Gavriil Papadiotis – gavriilux.com).



USER INTERFACES

BE IN CONTROL

Rako keypads come in a wide range of styles to suit installation method, finish and fixing options. Modular and Classic keypads are available in multiple button configurations as standard whilst EOS keypads offer a sleek, all metal interface. Custom engraved buttons are available across all keypad ranges.

Control Rako from a smartphone too – connected via a Rako Hub, the Rako app provides the ultimate in flexible control of the Rako lighting system from local area network or anywhere in the world via the internet. Select rooms and control individual channels with the on screen sliders. Save changes to a desired scene, close curtains whilst away from home, or select a welcome scene upon return.



PLATE FINISHES
12 / 13

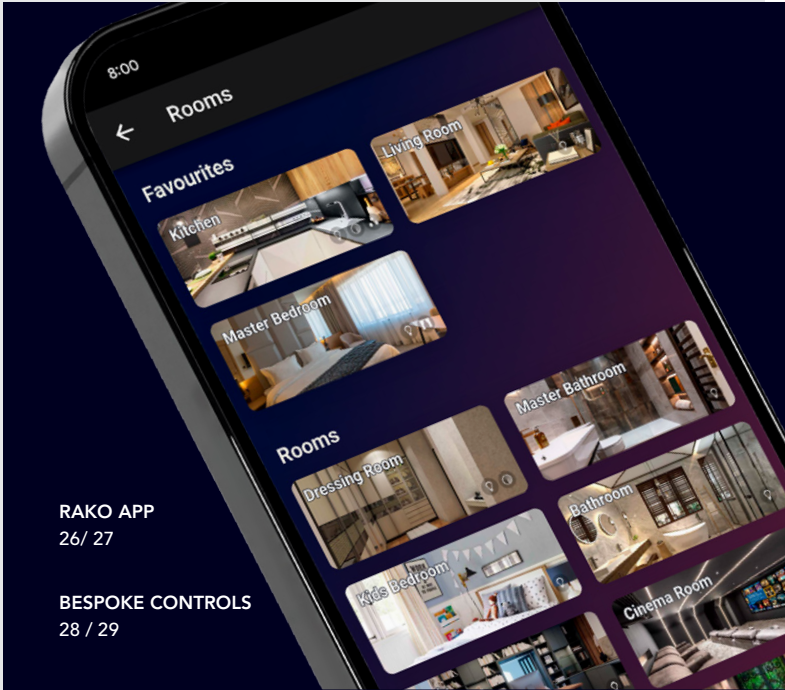
MODULAR KEYPADS
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EOS KEYPADS
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CLASSIC KEYPADS
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RAKO APP
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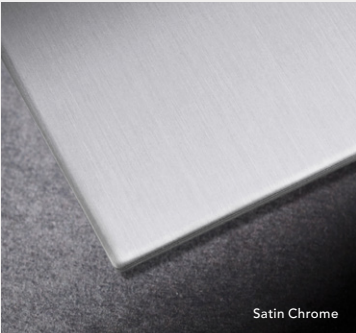
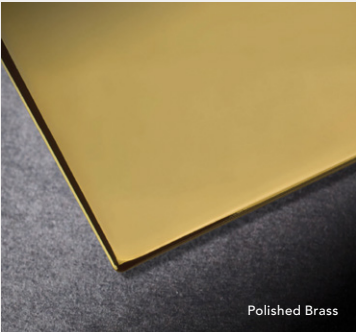
BESPOKE CONTROLS
28 / 29



7 PLATE FINISHES ACROSS THE RANGE

Our range of keypads are available in seven hand finished, screwless metal surrounds, including:

- Modular
- EOS
- Classic



MATCHING ACCESSORIES

A range of Heritage Brass accessories are available to match Modular, EOS† and Classic‡ keypad finishes. These include:

- Plug sockets
- Door & Cabinet hardware
- Bathroom accessories

For electrical sockets and accessories, select the following ranges at m-marcus.com/collection/rako-smart-lighting-control.aspx

† Winchester or Windsor range

‡ Studio or Vintage range



Heritage Brass
By M.Marcus

MODULAR KEYPADS



Finishes replicated here are only an illustration of actual plate finishes

TECHNICAL OVERVIEW

DIMENSIONS

88 x 88 x 6mm
(in line with standard UK
electrical accessories)

FINISHES

Screwless fixing
7 surround finishes

CUSTOMISABLE

3 different button sizes
11 standard button configurations
Custom engraving available via
Rako's online Plate Designer tool:
rakocontrols.com/platedesigner

TYPES OF COMMUNICATION

Supports Wired & Wireless Systems

[RAKOCONTROLS.COM/MODULAR-PLATE](https://rakocontrols.com/modular-plate)

A CONTEMPORARY RANGE OFFERING MULTIPLE BUTTON CONFIGURATIONS

Capable of accommodating up to 12 push buttons in a variety of lighting, shading and audio control configurations, the Modular keypad range offers unrivalled customisation and a premium finish to suit different application requirements.

The Modular keypad features three different button sizes which can be combined in multiple ways to create custom button layouts, perfectly tailored to an installation. Each keypad is designed to offer a premium quality aesthetic with the user experience optimised by a comforting, robust and tactile button press.

Wired and Wireless Modular keypads are available in eleven standard button configurations with custom layouts and engraving available to order via our Plate Designer tool. Modular keypads are available with a choice of seven hand-finished metal surrounds.

Designed to be flush mounted into a UK, single gang back box, installation and set-up is simple using Rako's Rasoft Pro software and NFC for wireless keypads. Rako's wireless NFC keypads are battery powered which negates the need to run cabling to the keypad or back box.

“Keypad flexibility is important for lighting designers, electricians and integrators. Modular keypads are designed to offer that high degree of versatility, including a choice of control options, and they're built with a quality and finish that sets them apart from the competition.”

Peter Broome, Director, Rako Controls Ltd



Modular keypad in Matt White

OUR MOST CUSTOMISABLE KEYPAD YET

Modular keypads offer a range of standard button configurations with custom button etching available to order. Choose from:

- Wired or Wireless configuration
- Number of buttons from 4 to 12
- Plate surround
- Custom etched buttons created via our Plate Designer tool

[RAKOCONTROLS.COM/PLATEDESIGNER](https://rakoccontrols.com/platedesigner)



Custom engraved Modular keypad in Matt Bronze



Modular keypads. Left Plate is in Satin Chrome. Right Plate is in Antique Brass

EOS KEYPADS



Finishes replicated here are only an illustration of actual plate finishes

TECHNICAL OVERVIEW

DIMENSIONS

88 x 88 x 3mm
(in line with standard UK
electrical accessories)

FINISHES

Screwless fixing
7 plate finishes

CUSTOMISABLE

3 or 6 button keypad layouts
Double gang keypads available
to order
Custom engraving available via
Rako's online Plate Designer tool:
rakocontrols.com/platedesigner

TYPES OF COMMUNICATION

Supports Wired & Wireless Systems

[RAKOCONTROLS.COM/EOS-PLATE](https://rakocontrols.com/eos-plate)

SLEEK SIMPLICITY WITH A MODERN EDGE

Rako's EOS keypads are available as wired or wireless NFC (Near Field Communication). Built around an all metal screwless flush fascia design, this elegant range offers specifiers and end clients a clean uncluttered look for their projects with up to six configurable buttons offering scene, curtain/blind and audio control options.

EOS keypads are available in seven different finishes with three and six button layouts as standard and custom engraving available via Rako's Plate Designer tool.

Designed to be mounted into a single gang back box, installation and set-up is simple using Rako's Rasoft Pro software and NFC for wireless keypads. EOS wireless keypads are battery powered which negates the need to run cabling to the keypad or back box. This means that they can also be surface mounted with a suitable Rako pattress when no back box is available, or possible.

“The sleek, screwless design of the EOS keypad creates an attractive aesthetic with finishes to suit contemporary and traditional interiors.”

Paul Wafer, Managing Director, Rako Controls Ltd



EOS keypad in Matt Bronze



Finish shown: Matt Bronze

FULLY CUSTOMISABLE

You can create a series of customised EOS plates for your entire project using our online Plate Designer tool. You will get to choose:

- Wired or Wireless configuration
- Plate finish
- Number of buttons (3 or 6)
- Double gang keypads
- Custom etched buttons

RAKOCONTROLS.COM/PLATEDESIGNER



Custom symbols on a Matt Bronze plate



CLASSIC KEYPAD

TECHNICAL OVERVIEW

DIMENSIONS

88 x 88 x 3mm
(in line with standard UK
electrical accessories)

FINISHES

7 standard Screwless finishes
5 standard Screw-fixing finishes*
Custom finishes available to order

CUSTOMISABLE

Numerous button configurations
Custom engraving available via
Rako's online Plate Designer tool:
rakocontrols.com/platedesigner

TYPES OF COMMUNICATION

Supports Wired & Wireless Systems

RAKOCONTROLS.COM/CLASSIC-PLATE

* Contact us for Screw-fixing finish options



Finish shown: Matt Bronze

A TIMELESS DESIGN THAT SUITS ALL APPLICATIONS

Rako's Classic keypads are available as wired, wireless or NFC. Whilst being a sophisticated control system, operational simplicity is key. To this end, numerous button layouts are available to make day-to-day use as clear and easy as possible. Users can choose from two to ten buttons on a single gang keypad, offering scene, curtain/blind and audio control options.

Classic keypads are available in seven luxury screwless metal finishes and five screw-fixing finishes, with custom button engraving achieved via Rako's Plate Designer tool.

Rako's Classic wireless or NFC keypads are battery powered which negates the need to run cabling to the keypad or back box. This means that they can also be surface mounted with a suitable Rako pattress when no back box is available, or possible.

If a custom or third-party plate finish is specified, Rako also offer a plate punching service for Classic keypads.

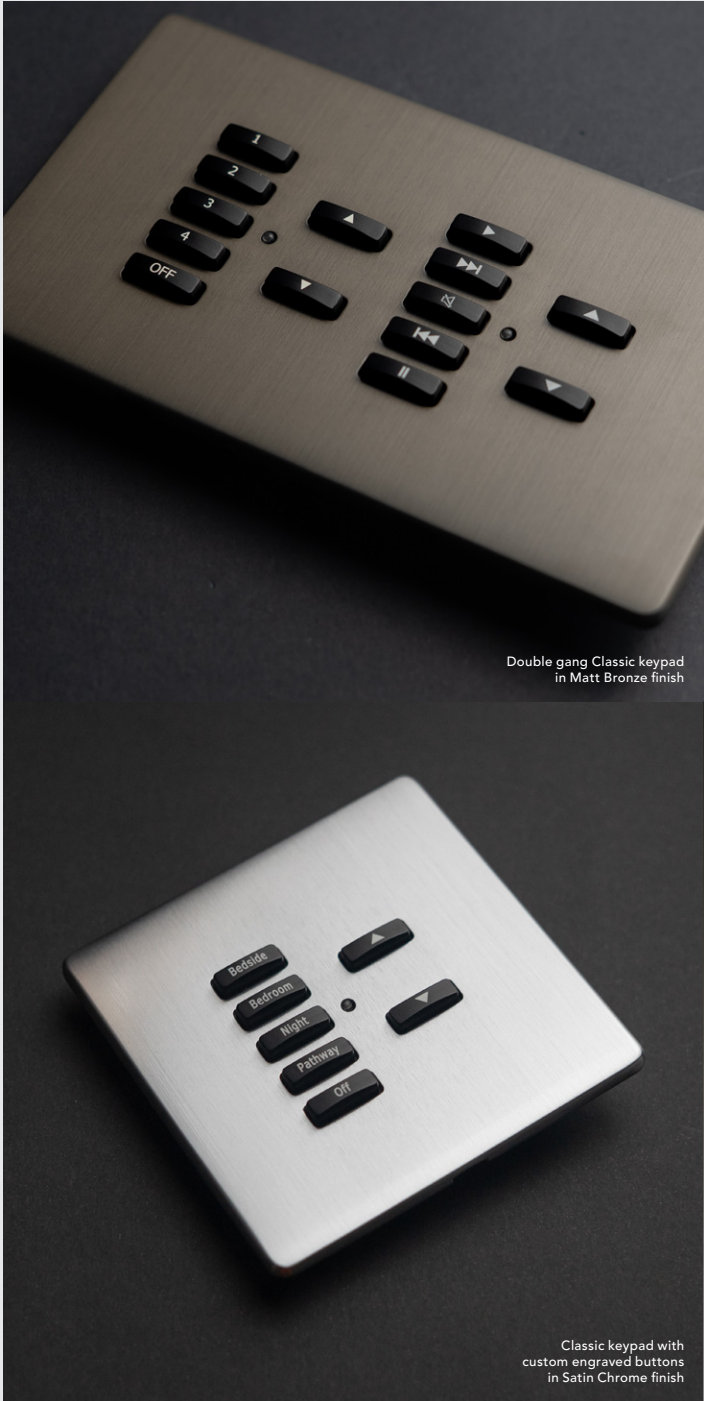
Images shown: (Left) Three luxury smart homes, Canford Cliffs, Dorset. Image courtesy of Cre8tive Rooms Ltd – Cre8tiverooms.com. (Right) Product shown is classic plate (WCM070) in Matt Bronze.

The wireless NFC (Near Field Communication) keypad is programmable via Rako's patented NFC technology, allowing each button to trigger single or multiple commands. NFC keypads are programmed with a laptop using Rako's Rasoft Pro software and a programming interface.

The Classic keypad has stood the test of time and remains a popular choice with installers and their clients.



Classic keypad in Satin Chrome



Double gang Classic keypad
in Matt Bronze finish

Classic keypad with
custom engraved buttons
in Satin Chrome finish

FULLY CUSTOMISABLE

You can create a series of customised Classic plates for your entire project using our online Plate Designer tool. You will get to choose:

- Wired or Wireless configuration
- Plate finish
- Numerous button configurations
- Double gang keypads
- Custom etched buttons

RAKOCONTROLS.COM/PLATEDESIGNER



Double gang Classic keypad with
custom engraved buttons and blind control
in Black Nickel finish

RAKO APP

CONTROL EVERYTHING
FROM ANYWHERE

The Rako app can control both wired and wireless Rako systems, allowing easy hand-held control of lighting, curtains and blinds. Connecting via a Rako Hub, the app allows programming and storing of new scene levels, colour wheel control for RGB and RGBW LED fittings, as well as colour temperature control.

Whether from the sofa or a sunlounger thousands of miles from home, connect to your Rako system and control lighting, curtains and blinds from the palm of your hand.



MAKING IT ALL POSSIBLE

The Rako Hub is the central control unit for all smart home devices. Its connection with the Rako Cloud service supports all the major branded smart home interfaces like Alexa, Siri and Google Home which means you can now operate your lights, blinds, and even water features through voice command.

RAKOCONTROLS.COM/THE-HUB



Scan this QR Code
to find out more
about the Hub



REMOTE ACCESS TO ALL CONTROLS

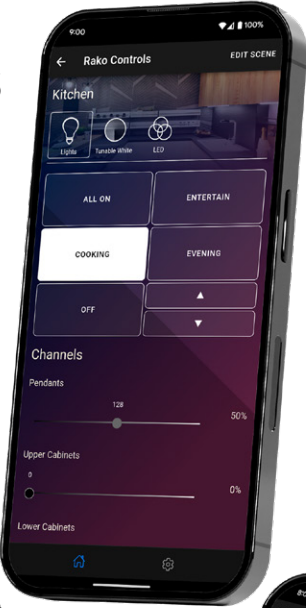
Connect to the Rako system remotely whilst away and control lights, curtains and blinds from the app via the Hub.

Create Events like a Welcome scene for when you arrive or ensure everything is turned off at midnight.



COLOUR TEMPERATURE

Set the ambient colour temperature and intensity to suit the task in hand or the demands of your environment, with these easy touch-sliders.



SET SCENES

Edit and save Scenes in just a few simple steps from the app. Create the perfect ambience and combination of light for any occasion.



COLOUR WHEEL

Get creative with our LED colour wheel and select the perfect colour for your application.



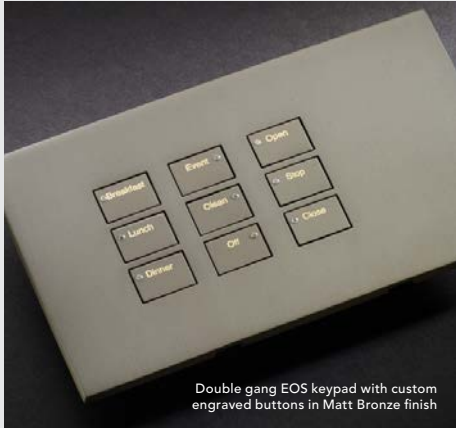
Search: Rako

RAKOCONTROLS.COM/RAKO-APP

BESPOKE CONTROLS



Left: Centre retractive toggle switch in Antique Brass finish. Right: Single retractive push switch in Chocolate Bronze finish. Switches from Focus SB



Double gang EOS keypad with custom engraved buttons in Matt Bronze finish



Centre retractive toggle switch in Antique Brass finish



Custom Architrave keypad in Antique Brass finish

IT'S ALL ABOUT THE DETAILS

Rako keypads come in a wide range of options to suit installation method, finish, style and fixing options. Double gang keypads can control two areas, clearly combine separate functionality (e.g. lighting and blinds) on a single plate, or can simply be used to blank an existing hole. Double gang plates are available for EOS and Classic keypads and are suitable for flush mounting only.

When the customer simply must have the exact switch and finish they want, even if it's not a Rako option, Rako's RCI (for wireless) or WCM-D (for wired) contact interfaces allow them to control the Rako system from conventional styled light switches. This means that accessories from any switch plate manufacturer can be used to link into a Rako wireless or wired control system, ensuring that all electrical accessories match.

The RCI4L, RCI7M and WCM-D switch interfaces allow the use of standard latching or momentary action switches*. Whilst the volt free interface simplifies the control method, the full extent of a Rako system, such as more scenes, can be accessed via the Rako app.

Contact us for help and advice on bespoke keypad options.

*Conventional styled light switches available from third-party suppliers



Double gang Classic keypad with custom engraved buttons and curtain and blind control in Black Nickel finish



EOS Portrait keypad in Matt Bronze finish



Double gang Classic keypad in Satin Chrome finish

INSPIRATION & CASE STUDIES

Rako's specifiers and installers create projects to be proud of and here we highlight their successes.

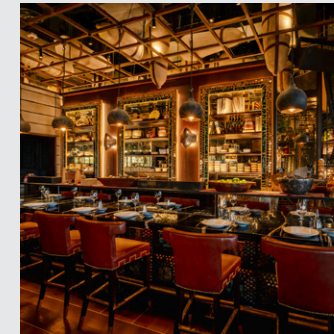
On the following pages we showcase some exemplary examples of creative lighting design alongside intelligent application of our lighting control products.



View more inspiration on our website:
RAKOCONTROLS.COM/CASE-STUDIES



HOSPITALITY - HOTELS
 32 / 35



HOSPITALITY - BARS
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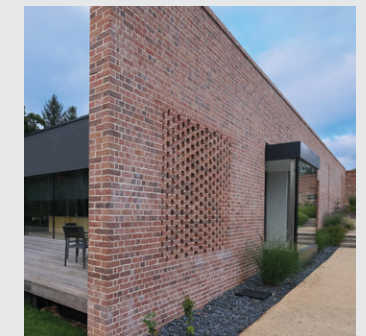
RESIDENTIAL - RENOVATION
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HISTORIC - CONVERSION
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COMMERCIAL - SHOWROOM
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RESIDENTIAL - NEW BUILD
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Images courtesy of James Balston
Photography – jamesbalston.com and
dpa lighting consultants – dpalighting.com



THE LANGLEY, BUCKINGHAMSHIRE, UK

A luxury country manor hotel situated in a former royal hunting ground with landscaping originally designed by Lancelot ‘Capability’ Brown. dpa lighting were commissioned with designing the lighting for all public front of house and guest areas as well as all external lighting to both the buildings and landscaping.

Rako’s lighting control system was installed to provide comfort and convenience in the hotel bedrooms whilst enhancing luxury and ambience in the hotel spa and public areas. Bespoke keypad finishes were supplied to match third-party electrical accessories.





COYA RESTAURANT GROUP, DUBAI, UAE

COYA celebrates the spirit of Latin America and has led the way in innovative dining experiences. Lighting Design Studio created a bespoke lighting design for the restaurant with Rako's lighting controls specified to complement their design, creating a welcoming and relaxing environment that keeps guests coming back for more.

It was decided that Rako's wired system would be a perfect solution for the restaurant's lighting control requirements, since the project was a completely new refurbishment. The majority of fittings specified at the COYA restaurant are mains and 1-10v, to ensure smooth, flicker free dimming between lighting scenes. Rako's satin stainless keypads were selected to complement the sumptuous interiors and the Hub allows for pre-programmable scenes, events and app control.

RAKOCONTROLS.COM/CASE-STUDIES



Images courtesy of COYA Restaurant Group - coyarestaurant.com
and lighting design studio - lightingdesignstudio.co.uk

PROPERTY RENOVATION, IVER, BUCKINGHAMSHIRE

Built on four acres of land, this property has been completely renovated and is the perfect mix of old and new. Traditional wooden beams appear across the ceilings, installed next to crisp white walls and contemporary fixtures and fittings. The overall design has a calming quality, enhanced by the soft and unobtrusive lighting design.

A combination of Rako's wired and wireless products were installed across this project which meant that new and existing parts of the property, as well as the garden could be seamlessly controlled by Rako.

[RAKOCONTROLS.COM/CASE-STUDIES](https://rakocontrols.com/case-studies)



Images courtesy of Lighting of London – lightingoflondon.co





Images courtesy of Dr. Robert W. Griffiths – ashfordmill.com



ASHFORD MILL, ASHFORD IN THE WATER, PEAK DISTRICT

Dating back to before 1086, Ashford Mill is a Grade II listed building that rests on a tranquil riverbank in the picture-perfect village of Ashford in the Water. The property was purchased by its current owner in the late 1990s and took several years before planning permission was granted to restore the water mill and convert it into self-catering accommodation.

The impressive lighting design at this project highlights beautiful, historic and architectural features that are sympathetically enhanced by Rako's lighting control system.

RAKOCONTROLS.COM/CASE-STUDIES





Images courtesy of Sophie Paterson Interiors - sophiepatersoninteriors.com and Ray Main Photography - raymain.co.uk

SOPHIE PATERSON INTERIORS, SURREY, UK

John Cullen were invited to develop a lighting design that not only aligned with the luxurious style that Sophie Paterson is renowned for but also to boost functionality and enhance the workspace for Sophie's design team. Rako's lighting control system was specified throughout the office, playing a vital role in the functionality and flexibility of the lighting.



The lighting control system utilised Rako's addressable DALI modules to allow John Cullen to provide precise control of individual light fittings. This capability is a perfect solution for office environments, where tailored task lighting is essential for productivity, allowing staff to customise lighting according to their specific preferences. The Rako system is designed to optimise efficiency, enhance user comfort and promote energy savings.



Images courtesy of Nigel Dutt



DEVON PASSIVHAUS, DEVON, UK

An old kitchen garden on a Georgian country house estate near Exeter in Devon has been totally transformed into a beautiful new home that hints to the past whilst being firmly of the present thanks in no small part to an innovative, contemporary lighting scheme controlled by Rako.



Flexibility, accessibility and control were key considerations for this project. Extensive property renovations meant a Rako wired system was an ideal solution whilst the client valued the flexibility of selecting a third-party fascia plate to complement the interior design.

SYSTEMS

Rako's flexible control system means that there is a solution for every project scenario. For new installations, the choice between wired and wireless solutions is something for consideration. A wired system has the advantage of backlit buttons for Classic and Modular keypads and light indicators for the EOS keypad range. All wired keypads use CAT6 cabling for communication.

For a retro-fit solution the wireless option is obvious, cabling will already be in place, so being able to put wireless modules where the cables can be accessed, such as behind downlights, and the lack of data cabling to keypad positions will dictate a wireless solution. For projects that evolve and grow over time, combining wired and wireless solutions is simple with the Rako system.



WIRED
48 / 55



WIRELESS
56 / 59



COMBINED
60 / 61



**THIRD-PARTY
INTEGRATION**
62 / 65

WIRED

The Rako wired system is the option for customers who prefer a cabled network. It offers LED backlit buttons with the option for custom etching and ultimately can cope with the largest of projects. There are two wired solutions available, Rako's flexible RAK8 option with plugable insert cards and the DIN range. With the RAK8 system, circuits are wired back to RAK8's using CAT6 cabling with system components wired either as a daisy chain network or star arrangement using the RAK-STAR box. RAK8s can be housed in a single location or across multiple locations on the project, linked together on the Rako wired network.

RAK8 insert card options are available for trailing edge dimming, ideal for LEDs as well as 0-10V, DALI, curtain and blind control or switch options. Colour changing is achieved with DMX or WLED modules.

Rako's DIN range is an alternative wired solution offering standardised installation via DIN Rail, with modules for smooth 4K resolution dimming for mains dimmed loads, switching for lighting, fans and motors, DALI control, as well as curtain and blind control for both mains and LV curtains and blinds.



A WIRED SYSTEM IS A PERFECT SOLUTION FOR NEW BUILDS AND PROVIDES UNLIMITED SYSTEM RANGE ACROSS A LARGE AREA.

User controls, including keypads, PIRs and system interfaces are added to the network and programmed from a PC or Mac connected via Wi-Fi to a Hub unit. Adding a WK-Hub to the system gives access to timed events, 'Holiday Mode', dawn/dusk programming and advanced macros and mapping features. End users can then program scenes for events such as breakfast, lunch and dinner from the Rako app, providing total user control.





All Images shown: (This page) Devon Passivhaus, Devon. Image courtesy of Nigel Dutt. (Right-hand page) Private residence, Oxfordshire. Image courtesy of dpa lighting consultants – dpalighting.com and Matt Livey – mattlivey.com



WIRED SYSTEMS USE DEDICATED DATA CABLING TO CONNECT THE SYSTEM ELEMENTS WITH CENTRALISED RAKS IN ONE OR MORE LOCATIONS, OFFERING ADDITIONAL FEATURES INCLUDING BACKLIT LED KEYPADS

Where existing 4 core data cable has been installed this can be used in place of CAT6. NB. Not suitable for installations using a RAK-STAR.



HUB (WK-HUB)



RAK (RAK8-MB)
UP TO 8 CIRCUITS PER RAK



RAK-LINK



EOS KEYPAD
(RK-EOS-6)



EOS KEYPAD
(WK-EOS-6)



WIRELESS DIMMER
(RMT500)





DOWNLIGHTS

SPOTS

LED STRIP

PENDANTS

DOWNLIGHTS

DOWNLIGHTS

CURTAINS

ROUTER

CAT6 CABLE

CAT6 CABLE

SOCKET

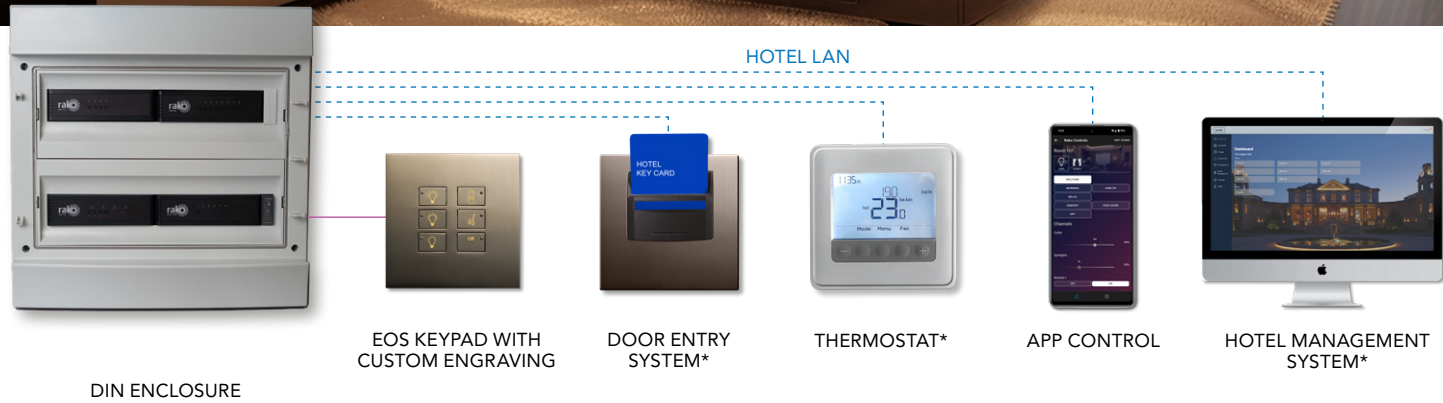


HOTEL SCENARIO

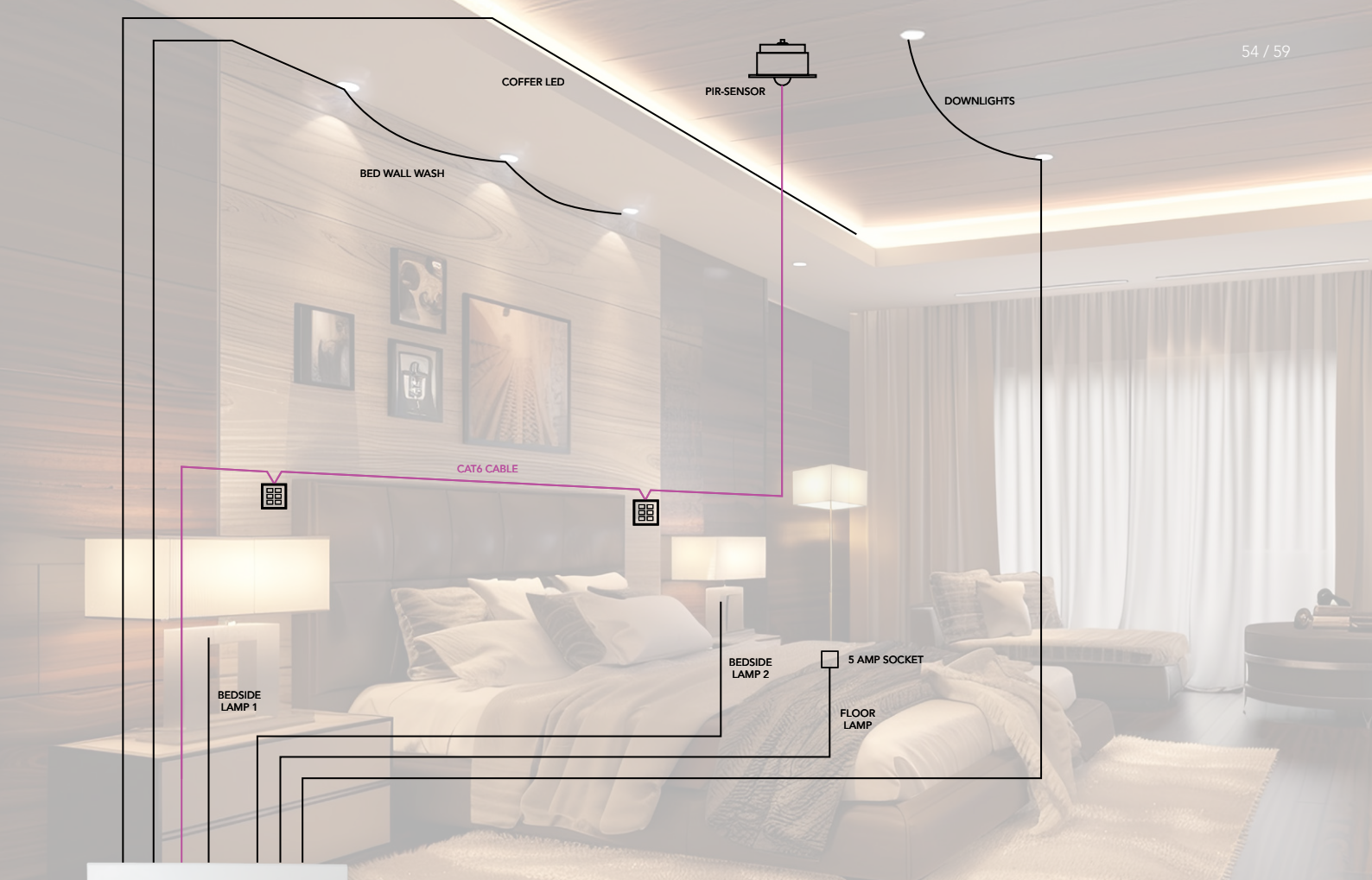


THE DIN RANGE PROVIDES AN ALTERNATIVE WAY TO DESIGN AND INSTALL A RAKO WIRED SYSTEM. OFTEN USED IN COMMERCIAL INSTALLATIONS BUT EQUALLY SUITED TO RESIDENTIAL APPLICATIONS, DIN MODULES ARE AN ALTERNATIVE TO RAKO'S RAK PRODUCTS, WITH INSTALLATION VIA DIN RAIL ENCLOSURES.

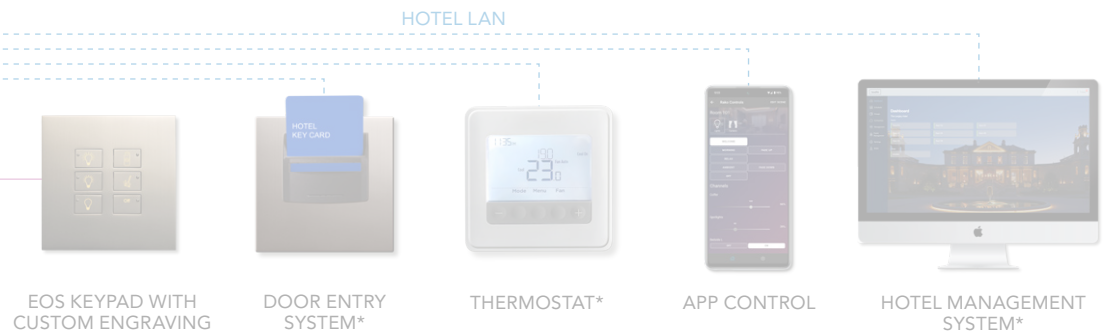
Like all Rako products they are interoperable allowing the DIN system to seamlessly link with all wired and wireless Rako products with the addition of a Hub.



*Complimentary third party products



DIN ENCLOSURE



EOS KEYPAD WITH
CUSTOM ENGRAVING

DOOR ENTRY
SYSTEM*

THERMOSTAT*

APP CONTROL

HOTEL MANAGEMENT
SYSTEM*

WIRELESS

Rako's wireless system provides all the benefits of a sophisticated lighting control system without the need to re-wire and can be used in both new and retro-fit installations.

The wireless capability provides the most cost effective and simple to install solution saving on cabling and re-decoration. Wireless systems can use either individual modules or Rako's RAK system with the RxLink wireless interface.

Modules wire in-line with each lighting circuit and can be mounted either in the ceiling or in a central cupboard. Split lighting into circuits to allow independent control and provide the ability to highlight different areas and features within a room.

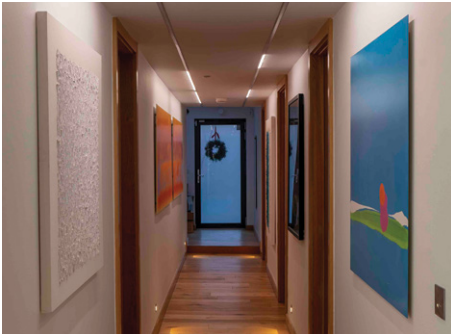
THE WIRELESS CAPABILITY PROVIDES THE MOST COST EFFECTIVE AND SIMPLE TO INSTALL SOLUTION

Wireless keypads can be flush mounted into a standard back box and Rako's Classic and EOS, single gang keypads can be surface mounted with a suitable Rako pattress.

Wireless keypads require no cabling at all, as they communicate wirelessly with the receiver modules.

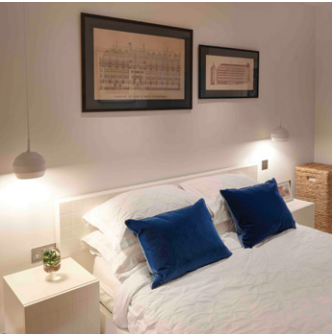


Modules are available to suit all types of load from incandescent, switched, colour temperature, RGB and curtains and blinds to the latest generation of LEDs. Systems can be as small as one circuit and one keypad up to whole home installations with master house controllers and full system integration. Signal repeaters make wireless practical for the largest of projects.



Images shown from a private residential property in Dulwich, London Images courtesy of Lighting of London – lightingoflondon.co

Simple connection of the Rako RK-Hub to a wireless router provides programming access via Wi-Fi and allows control from the Rako app, giving access to both scene and individual channel control.



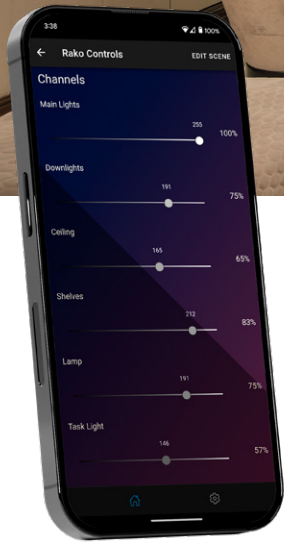


THE IDEAL SYSTEM TO ADAPT TO YOUR NEEDS

Wireless systems make the installation of a lighting control system possible in projects where the option of dedicated cabling is not feasible. Rako's Wireless system is designed so that the dimmer modules can be fitted into a standard domestic wiring scenario.

Rako uses 433MHZ radio communication giving much better transmission distances than higher frequency signalling such as WiFi.

All Images shown: (This page) Zobet Gastropub, Kolkata, West Bengal, India. Image courtesy of Pryme Technologies – prymetech.co.in. (Opposite page) 1.61 London. Image courtesy of 1.61 London – 161london.com



RAKO APP CONTROL



MODULAR
KEYPAD
(RK-MOD-110)



HUB (RK-HUB)



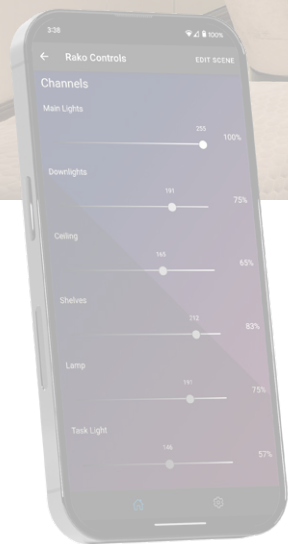
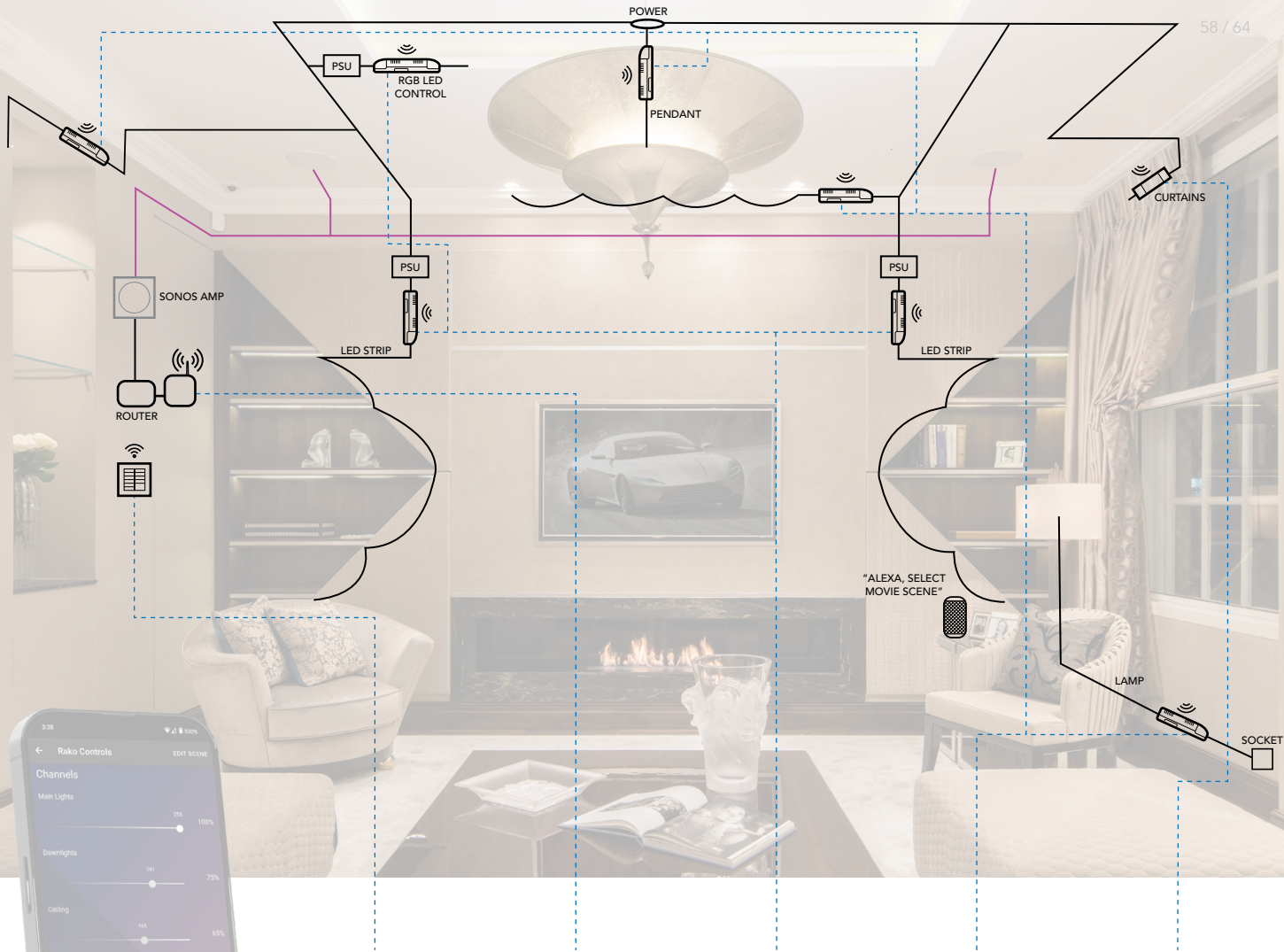
LED STRIP MODULE
(RLED75CV1/
RLED30CV4+)



WIRELESS DIMMER
(RMT500)



CURTAIN & BLIND
MODULE (RACUB)



RAKO APP CONTROL



MODULAR
KEYPAD
(RK-MOD-110)



HUB (RK-HUB)



LED STRIP MODULE
(RLED75CV1/
RLED30CV4+)



WIRELESS DIMMER
(RMT500)



CURTAIN & BLIND
MODULE (RACUB)

COMBINED



The ability to combine Rako wireless and wired systems provides a unique solution for installers and end-users alike. This amazing flexibility gives a remarkable choice in installation methods allowing the creation of a network of components that interact and work seamlessly together.

Projects started as completely wired systems have the fall-back position that the addition of wireless modules and keypads allows, giving the ‘get out of jail free card’ for when the job doesn’t quite go to plan, or when system expansion is required, after cabling is complete. Some projects may just suit the combined approach such as where a new build or extension is added to an existing building and a lighting control system is required in both parts.

WHETHER THE PROJECT IS A RENOVATION, NEW BUILD, SYSTEM EXPANSION OR ADDING NEW TECHNOLOGY, A COMBINED SYSTEM CAN EVOLVE OVER TIME.

The Rako WK-Hub used to combine the wireless and wired systems also allows complete control from a smartphone or tablet and can provide remote access to the network from a PC or Mac.

The whole palette of Rako products and the ability to ‘combine’ allows project designers to plan the best possible solution for any project.

Images shown: (From Left to Right) Property Renovation, Iwer, Buckinghamshire. The Langley, Buckinghamshire, UK. Reams Cottage, UK. Vivo Casa, Bamber Bridge, Preston, UK

THIRD-PARTY INTEGRATION



THIRD-PARTY SYSTEMS

Rako’s system interfaces allow communication with almost all Building and Guest Management Systems and home automation controllers on the market, as well as interfacing with providers of luxury window treatments. You can control automated curtains and blinds, audio systems like Sonos and integrate with audio visual controllers, security, heating systems or multi-room audio using either IP, RS232 or simple volt free switch contacts.

Most third-party system integration is achieved using IP control with Rako Hubs linking to the ethernet allowing system communication. Third-party systems have dedicated Rako drivers available making implementation simple and straightforward. The use of custom strings via TCP, UDP or HTTP is also possible through the Hub.

CONTROL
MUSIC, BLINDS,
CURTAINS AND
OTHER DEVICES
THROUGH YOUR
RAKO SYSTEM

INTEGRATION PARTNERS INCLUDE:

black nova

BluOS®

bodhi

Control4®

CRESTRON®

Nice

Qmotion
EMEA

rithum

RTI

SilentGliss

SONOS

U+C®



Images shown: (This page and opposite) Silent Gliss curtain and blind integration in private residential properties. Images courtesy of Silent Gliss – silentgliss.co.uk

CURTAIN AND BLIND CONTROL

An important consideration of lighting design is the control of natural light with the use of automated curtains and blinds. Rako can interface with Silent Gliss and QMotion shading solutions as well as being able to control most third-party curtain and blind systems over IP or volt free contacts, for integration with both wired and wireless systems.



PRODUCTS

Not only does lighting have many different control protocols but the installation requirements of projects vary greatly too. Rako provides modules and centralised RAK and DIN mounted solutions for all types of lighting currently available, catering especially for the confusing needs of modern LED lamp types.

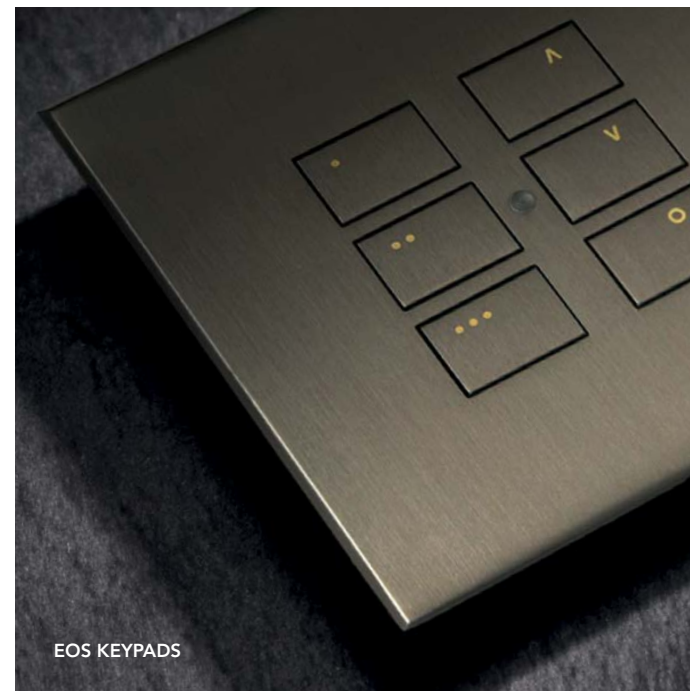
USER INTERFACES

Rako keypads come in a wide range of options to suit installation method, finish, style and fixing options.

- All keypads are available for wired and wireless applications
- Multiple button layouts available as standard
- Available in a range of luxury metal finishes
- Custom button engraving available to order



MODULAR KEYPADS



EOS KEYPADS



CLASSIC KEYPADS

PRODUCTS

DIMMER MODULES & RAKS

RAKS

Stackable RAKs provide a neat solution for centralised mounting for either wired or wireless control with plug in insert cards available to suit all load types:

- Leading Edge
- Trailing Edge
- Switching
- 1-10v
- DALI
- Curtain & Blind Control



RAK8-MB



DIMMER MODULES

Rako provides modules to suit all load types:

- Mains dimming
- Leading & Trailing Edge
- Constant Current & Constant Voltage LEDs
- RGBW & Colour Temperature Control
- Switch only
- 1-10, DALI
- DMX Control
- Curtain & Blind Control



RMT-PILL



RMT500



RDA800



RMT1200

DIN MODULES, THE HUB AND ACCESSORIES

For full product listing and more details on each item visit RAKOCONTROLS.COM/PRODUCTS

DIN MODULES

The DIN range provides an alternative wired solution whilst offering a standardised installation method via DIN rail. With modules available to suit all load types:

- DIN-4T - 4 channels of smooth 4K dimming for mains dimmed loads
- DIN-DLI - Multi room DALI control
- DIN-8S - 8 channels of switching for non-dimmable loads
- DIN-4C - 4 channels of curtain and blind control for both mains and LV motors.
- DIN-LINK - Network controller and keypad power supply



DIN-4T



DIN-LINK

ACCESSORIES

Our suite of accessories include: intelligent PIR control, volt free inputs, mains switched inputs and linking over IP



RK-PIR



RCI-4L



WK-HUB

THE HUB

The Rako Hub is the central control unit for all your smart home devices such as app control and voice activation. The Hub links wired and wireless Rako devices and also enables astronomic time clock events, automated macros and holiday mode.

SALES, CUSTOMER SERVICE, TRAINING & TECHNICAL SUPPORT

Our team of Sales Managers are on hand to provide project planning support and assist with product specification. Rako's dealers, installers and specifiers can also be certain of consistent, reliable technical support and access to our training courses and accredited CPDs.

With customer service at our core, our approachable team are at the end of the phone to assist installers and specifiers with any query they may have.

Providing further peace of mind, Rako's wireless and wired products come with a three year return to base warranty.

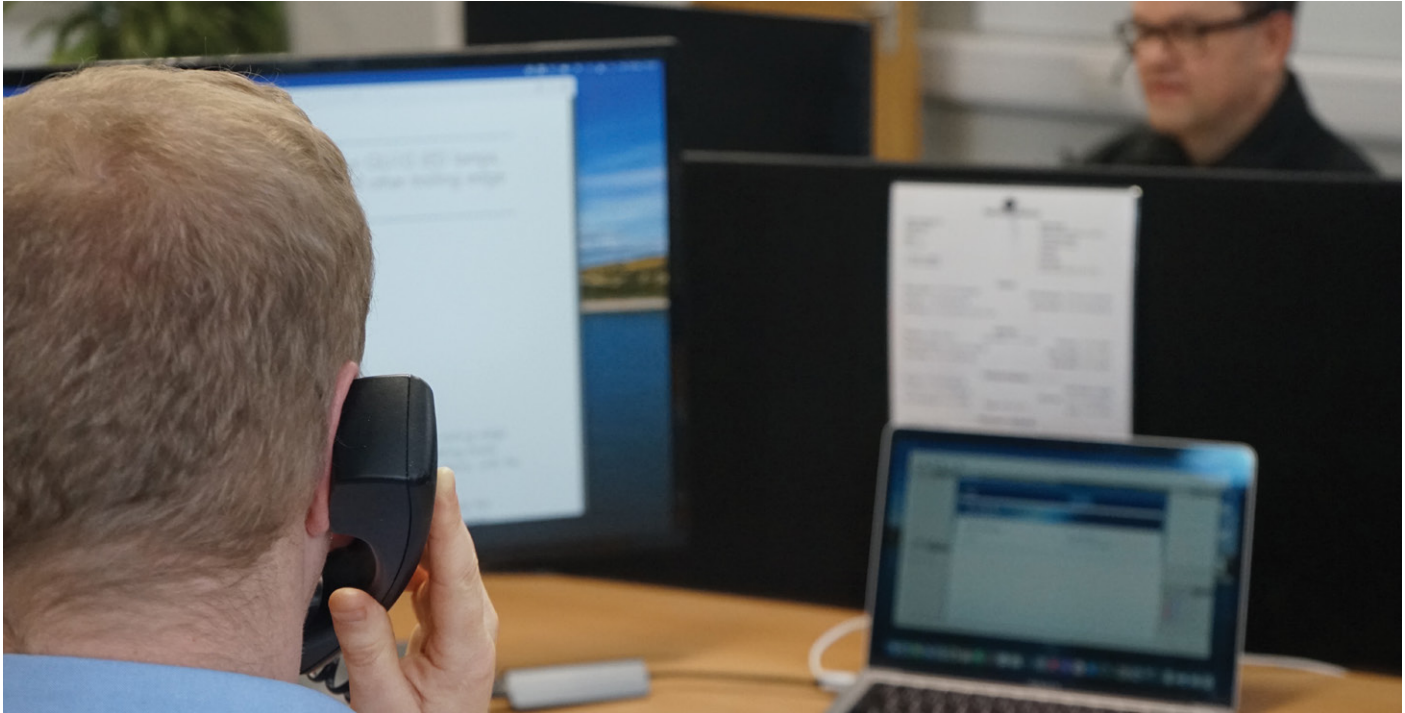


TRAINING & CPDS

We believe that investing time and resources in our specifiers, dealers and installers is a great way to share knowledge and grow product awareness.

We are committed to investment in our training programme and demonstration facilities, and offer accredited CPDs as well as introductory and software training courses several times a month for our dealers, installers and specifiers.

To find out more or to book a course, visit: RAKOCONTROLS.COM/TRAINING



TECHNICAL SUPPORT & CUSTOMER SERVICE

Providing excellent customer service has always been at the centre of everything we do at Rako and our experienced team of Technical Support and Commissioning Engineers are on hand to assist with telephone, virtual and onsite* technical support 8:30am - 17:00, Monday to Friday.

+44 (0)1634 226 666
SUPPORT@RAKOCONTROLS.COM

OUR SUPPORT CENTRE

The support centre on our website is full of useful information from application sheets, datasheets, installation manuals and advanced programming guides to videos on how to set up a Rako system.

RAKOCONTROLS.COM/SUPPORT

“We are proud of our customer support. Our team of Technical Support and Commissioning Engineers are always willing to help.”

Paul Wafer, Managing Director, Rako Controls Ltd

*onsite support is a chargeable service

SUSTAINABILITY

At Rako we are continually trying to improve our products and processes to be more sustainable. Here are some things we are currently doing to support this pledge:



MADE IN BRITAIN
We are proud to manufacture our products in the UK, reducing the need to source and move components across the globe, ultimately reducing our carbon footprint.



PACKAGING
We have removed polystyrene chips, bubble wrap and plastic tape from our consignment packaging and replaced them with recycled paper alternatives. We have also removed printed instruction manuals from our product boxes and replaced them with QR codes linking to digital manuals, reducing unnecessary use of paper.



ELECTRIC VEHICLES & CHARGING
80% of our company leased vehicles are either fully electric or hybrid, decreasing our fuel consumption, with three PEV (plug-in electric vehicle) charge points available on-site.



OCTOPUS EV SCHEME
Rako offers its employees the opportunity to lease an electric vehicle via Octopus EV salary sacrifice scheme, helping more motorists move to electric.



CYCLE-TO-WORK SCHEME
Rako offers a Cycle-to-Work scheme which encourages and supports employees within cycling commuting distance not to use cars.



WARRANTY
All Rako products come with a three year return to base warranty.



REPAIR SERVICE
Rako's product repair service means that where possible, units can be economically repaired rather than replaced, extending the life of units and reducing wastage. New products are also backwards compatible which means they can be added to an existing installation without the need to replace previously installed Rako products.



RENEWABLE ENERGY
Solar panels are installed across our offices and manufacturing facility increasing our use of green, renewable energy.



BETTER STANDS GOLD RATING
In 2025 we achieved a Better Stands Gold rating by ensuring that all components of our exhibition stand are either reused or recycled. Our dedication to sustainable stand design means that we successfully eliminate waste, setting a benchmark for sustainability in the events industry.



Print product with financial
climate contribution
ClimatePartner.com/17071-2506-1002

