

Wireless Kinetic Grid Switch

Compatible with MK, Click, BG, Hager
and Knightsbridge

Innovation of Wireless Kinetic Technology

ENER-J's 1 Gang wireless grid switch is compatible with the Mk, Click, BG, Hager, Knightsbridge and can be installed into it.

It is compatible with both the standard switch and our ECO Range non-dimmable receiver controller. The switch incorporates a built-in micro energy generator that converts kinetic energy from pressing the switch into power. This energy is then transmitted to the receiver, enabling the control of lamps or other connected loads. This innovation effectively resolves the long-standing challenge of requiring complex switch wiring installation, a predicament that has persisted since the inception of the lamp.

No Wiring. No Battery. Easy Installation and Usage.

The grid switch can be used from a maximum 20m indoors. There is no longer a need to make holes or channel out for switch lines in the wall if you use the ENER-J wireless switch. The ENER-J switch is safe, convenient and extremely simple to install and use.

Collection of Micro Mechanical Energy

Micro energy acquisition (MEA) module constantly generates energy, thus eliminating the need for a battery or mains power supply.



Press with finger
to produce
kinetic energy



Internal module
collects kinetic
energy



Kinetic energy
is converted
into electricity



Communication
module transmits
signal



Receiver
controls the
light





Low power hardware and highly reliable communication protocol

Energy produced by the Kinetic device is very small, so the communicating hardware adheres to strict requirements on low power consumption, wireless transmission and creates a highly stable environment.

The ENER-J switch has a formidable range being effective up to 20m indoors and 60m outdoors. To prevent interference the handshake protocol is integrated with a precise algorithm, a 32-bit address. At every interval communication protocols are sent three times.



Self Powered



No Radiation



No Maintenance



No Wiring



Durable



Cost Saving

Technical Specifications:

SKU	Style	Colour	Size (LxWxH)
WS1070	MK Logic	White	60x25x27mm
WS1070B	MK Logic	Black	60x25x27mm
WS1073	Click MiniGrid	White	49x16x24mm
WS1073B	Click MiniGrid	Black	49x16x24mm
WS1083	Click MiniGrid	Antique Brass	50x16x24mm
WS1084	Click MiniGrid	Satin Chrome	50x16x24mm
WS1081	BG	White	54x27x25mm
WS1082	Hager	White	59x28x25mm
WS1085	Knightsbridge	White	55x25x27mm



Technical Specifications:

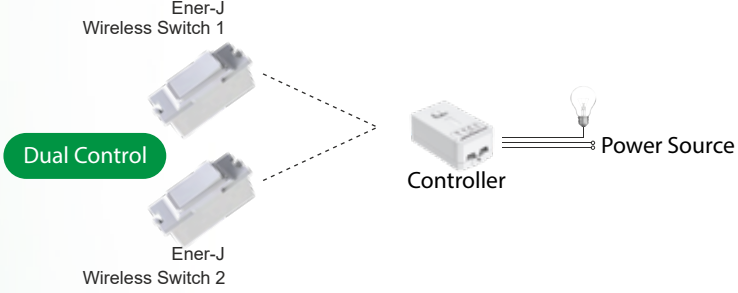
Work Type	Push Button
Power Source	Micro Energy Acquisition and self-powered
Work Frequency	433Hz
Number of Keys	1 (1 gang)
Lifetime	200,000 times on/off
Control Distance	20m (indoor) & 60m (outdoor)
Control Method	Pairing with ECO Range Wireless Controller
Works with non-dimmable and Dimmable Receivers	
2 Year Warranty	

Compatible with X and M series Receiver

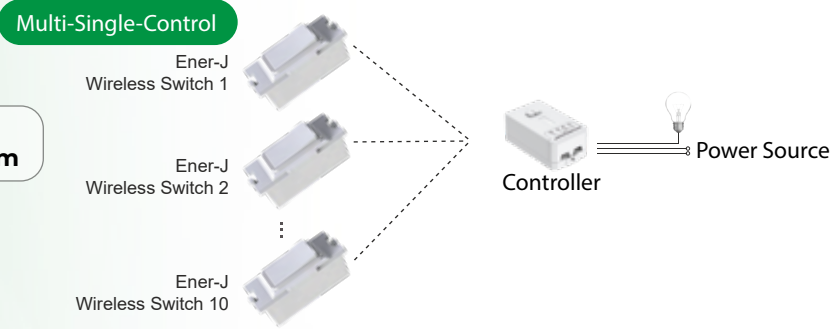


2-Way Wireless System

Ener-J Controller Wireless Systems



3-Way Wireless System



Stuck? Confused?

Contact our Technical Support team on:
 T: +44 (0)1291 446 105 E: support@ener-j.co.uk
 Lines are open Mon - Fri (8am to 4pm)