



# ENER-J®

Smart Home Living

## Wireless Kinetic Switches & Receiver Modules



Press with a finger to produce kinetic energy



Internal module collects kinetic energy



Kinetic energy is converted into electricity



Communication module transmits signal



Receiver controls the light

## Why Wireless Kinetic Switches?

### Innovation of Wireless Kinetic Technology

The ENER-J wireless switch has a built-in micro energy generator. When the switch is pressed the kinetic system transforms the movement into energy. This transmits a signal to the receiver to turn the lamp or other load on or off. This solves the issue of having to install switch wiring which has been a problem ever since the invention of the lamp.

### No Wiring. No Battery. Easy Installation and Usage

There is no longer a need to install back boxes, make holes or channel out for switch lines in the wall if you use the ENER-J wireless switch. It can be installed/placed anywhere you want: glass, marble, ceramic tile and other smooth, surfaces, etc. The ENER-J switch is safe, surface at wall such as painted wall 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

### Low power hardware and highly reliable communication protocol

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

### Multiple light switches connectable

A receiver can be connected with up to 10 switches and vice versa. This allows you to operate a light source with multiple switches. Quite simply as additional switches to existing light switches. Stepless dimming function and storage brightness.

### Range and Usage

The effective range between transmitter and receiver (not included in the package) is approximately 30 meters indoors and approximately 100 meters outdoors. Ideal to control your garden house, outdoor lighting from the comfort of the house!

# Wireless Kinetic Switch, PRO Series



## ENER-J Switch Advantages

- 1. No Wires** - Through a wireless control terminal, such as the light or motor.
- 2. No Power Supply** - Dose not need any power cords, batteries or whatever power source.
- 3. Energy Saving** - Reduce PVC tubing, wiring and cutting walls.
- 4. Eco-friendly** - Reduces battery usage, renovation waste and noise, and CO2 emission.
- 5. Save Money** - Reduce manual labor, decrease construction costs by 30%, Speed up progress by 40%.
- 6. Simple and Convenient** - Free installation; can randomly alter the installation location for the young and old to use.
- 7. Safety** - Waterproof so perfect to use in bathrooms where you don't need to worry about voltage regulations since these are volt free.
- 8. Smart** - Can pair up connection, control at will, and dock with smart home system
- 9. Durable** - Wireless kinetic switches does not use batteries, creates no wear and tear, and can be used for 60 years.

### Technical Parameters

Power Mode	Kinetic energy; Self powered
Work Type	86 Push button type
Voltage	NA
Gang	1 Gang / 2 Gang / 3 Gang
Colour	White
Material	PC
Operating Temperature	-20°C~60°C
Distance	Up to 30m indoors and up to 100m outdoors
Rated Life-span	200,000hrs
Communication	RF 433MHz
Connection	Wi-Fi 2.4GHz
Product Size	86*86*14mm
Product Weight	86-110g
Packing Dimension	118*122*26mm

### Switches

SKU	Gang	Colour	EAN
WS1024	(1 Gang)	White	7061257973465
WS1025	(2 Gang)	White	7061258153682
WS1035	(3 Gang)	White	5060774550397
WS1036	(1 Gang) Key fob	Black	7141093832994
WS1041	(1 Gang)	Silver	5060774559956
WS1042	(2 Gang)	Silver	5060774559970
WS1043	(3 Gang)	Silver	5060774559994
WS1044	(1 Gang)	Black	5061004710017
WS1045	(2 Gang)	Black	5061004710031
WS1046	(3 Gang)	Black	5061004710055

# PRO Series Receiver Modules for Kinetic Switches

## Dimmable/Non Dimmable Receiver for Wireless Switch

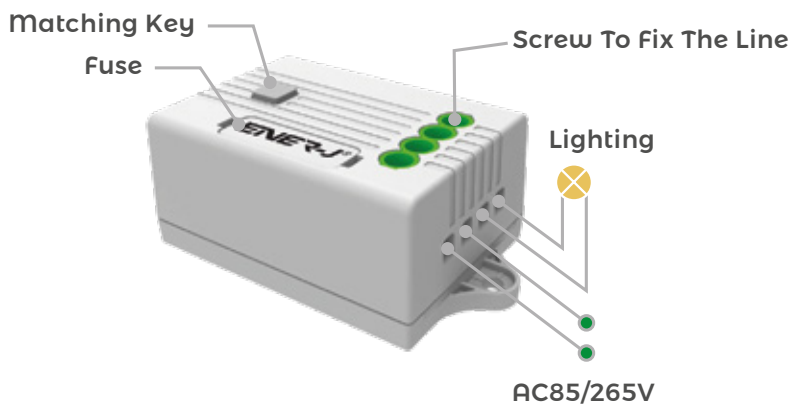
Simply use this receiver module in any lighting circuit and pair it with Wireless Switches easily



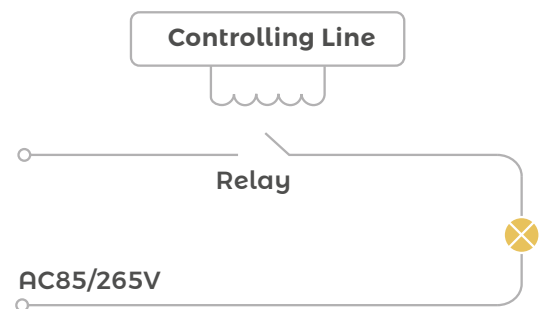
Press with a finger to produce kinetic energy   Internal module collects kinetic energy   Kinetic energy is converted into electricity   Communication module transmits signal   Receiver controls the light

The ENER-J wireless controller with a high-efficiency switching power supply has a wide voltage range with excellent stability and durability. The controller has a load capacity of 5A or 10A on non-dimmable and 100W on Dimmable, depending on the model. The ENER-J wireless controller is equipped with an in-rush current suppression function thus creating a safe and durable product. In order to prevent accidental short-circuit the controller is designed with a replaceable fuse. Even if a short-circuit occurs the fuse will immediately protect the controller from damage

## Diagram



### Line Diagram



## Features:

- Advanced RF technology, multiple algorithms ensure telecommunication stability.
- Uses 32-bit device ID, 4 billion keys, therefore chance of miss control is extremely low
- For each press and radio transmission, the channel is occupied by the wireless signal for only 1 millisecond, and each transmission is done with 3 septal frames; the control is stable and reliable.
- A receiver can pair with several switches to accomplish 1-2 way switch system ,3- way switch system, Multi-way switch system ( MAX 10 switches )
- Compatible any lamps like halogen, incandescent, CFL, fluorescent, LED.
- Small receiver easily fits into wiring boxes and has built-in fuse & self-protected.

Technical Parameters	
<b>Voltage</b>	AC 85-260V
<b>Distance</b>	Up to 30m indoors and up to 100m outdoors
<b>Sensitivity</b>	Up to 10 Switches can be paired
<b>Colour</b>	White
<b>Material</b>	PC
<b>Operating Temperature</b>	-20°C~50°C
<b>Communication</b>	RF 433MHz
<b>Connection</b>	RF / RF+WiFi 2.4GHz
<b>Product Size</b>	70*44*29mm
<b>Product Weight</b>	62g
<b>Packing Dimension</b>	95*72*38mm

Receivers				
SKU	Max Watts	RF/ Wi-Fi	Dimmable	EAN
WS1016	5A (LED 500W)	RF	No	7061259055664
WS1017	10A (LED 1000W)	RF	No	7061256580886
WS1037	5A (LED 500W)	RF + Wi-Fi	No	7141093837708
WS1039	1A (LED 100W)	RF	Yes	5060774550366
WS1040	5A Dual (LED 600W)	RF	No	5060774553077
WS1038	1A (LED 100W)	RF + Wi-Fi	Yes	5060774550359

WS1038, WS1037 and WS1031 also compatible with



## Key Advantages of wireless kinetic switches



Wall

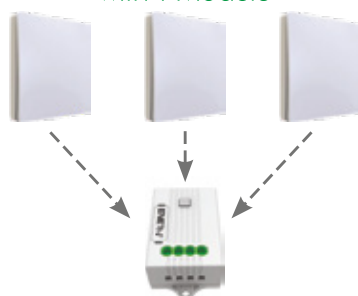


Tiles

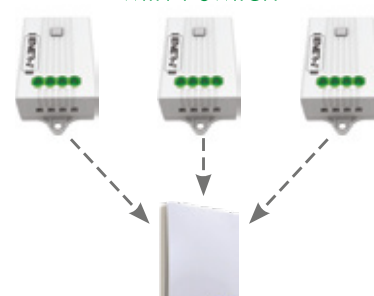


Glass

Connect Multiple Switches with 1 Module

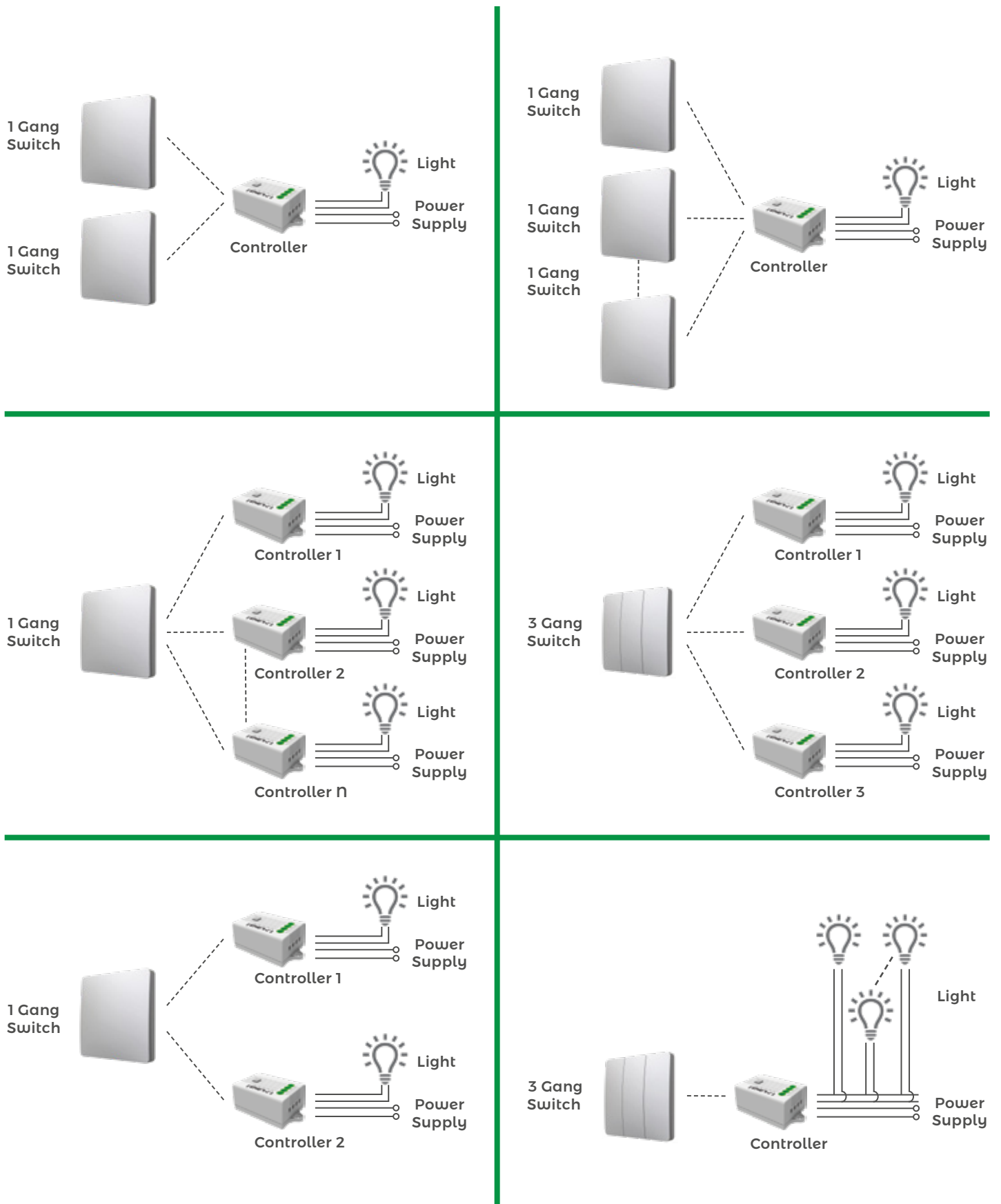


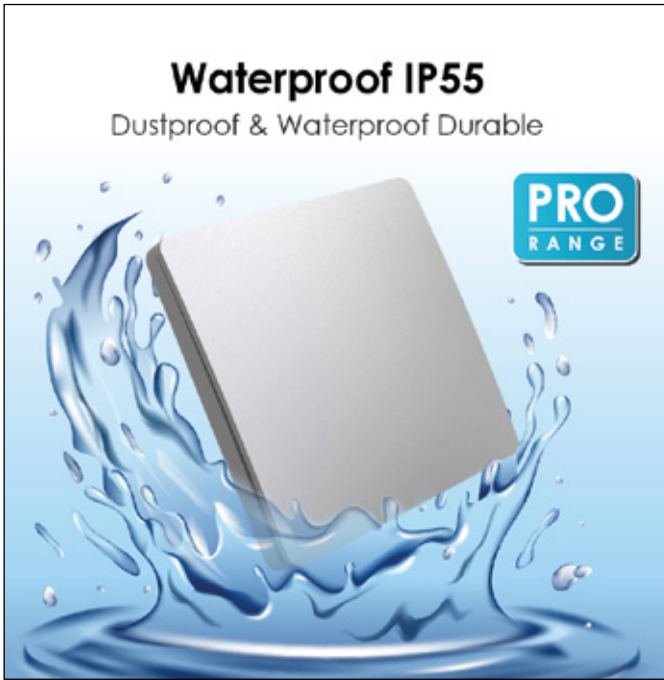
Connect Multiple Modules with 1 Switch



**ENER-J Controller Wireless Systems**

The wireless ENER-J energy switch and wireless receiving controller can be paired with any combination: a controller can be controlled by a maximum of 10 separate switches, a switch can pair an unlimited number of controllers.





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### Thank you for choosing ENER-J!

Customer satisfaction is our TOP priority, please let us know how you felt about your experience. Happy?

We are so happy that you are pleased with our product. Feel free to express your newfound joy! Share your experience by writing a review.

Not Happy? If you are not fully satisfied with the item you received, have any problems like damages, or questions, please contact us. We typically respond within 24-48 hours.

### Stuck? Confused?

Contact our Technical Support team on:

T: +44 (0)1291 446 105 E: [support@ener-j.co.uk](mailto:support@ener-j.co.uk)

Lines are open Mon - Fri (8am to 4pm)