

EnOcean Single Rocker Switch | Model: K-E1-UDH-00WH



Specifications

- Dimensions - 2.75" x 4.5" x 0.75"
(69.85 x 114.3 x 19.05 mm)
- Color - White

Description

The **K-E1-UDH-00WH** is a Bluetooth® Mesh Single Rocker Switch with the size of a standard US single gang switch. The device doesn't handle the load directly but communicates with controllers and drivers to turn ON/OFF and dim UP and DOWN the controller's and driver's loads.

Operation

The **K-E1-UDH-00WH** uses Energy Harvesting technology to communicate wirelessly with other devices supporting Bluetooth Mesh. The rocker can be programmed to be ON/OFF, Up/Down, and Scene 1/Scene 2. Three and four-way switching is easily accomplished and doesn't require any particular programming or additional wiring.

Installation

The **K-E1-UDH-00WH** is a self-powered wireless control and very simple to install, as it does not require batteries or an electrical connection; the simple act of pressing the rocker generates enough energy to send wireless Bluetooth Low Energy (BLE) Advertising telegrams to the Mesh Network. The switch can be installed as a common switch screwed to a standard j-box or can be installed surface mounted, screwed, glued or double-side taped to any surface including glass walls and partitions.

The **K-E1-UDH-00WH** needs to be installed within 30 feet of the closest device within the Bluetooth Mesh Network.

Features

- Wireless
- No Battery
- Recessed Mounted or Surface Mounted
- Program ON/OFF, Up/Down, Scene 1/Scene 2
- Communicates with other Bluetooth Mesh Devices

Certifications



Applications

The **K-E1-UDH-00WH** is ideal for use in applications where batteryless dimming control is desired. Its wireless technology allows for installations that would be extremely difficult or impossible, such as historical significant buildings, glass walls, furniture and thin partitions. The programmable rocker gives designers the option of reducing wall clutter by facilitating scene setting without the need for individual dimming switches for each load. Extremely clean, the Rocker Switch uses Energy Harvesting technology to communicate wirelessly with other devices supporting Bluetooth Mesh, providing convenient control of lighting and a wide variety of electric loads.