Wireless Keycard Control | Model: K-K0-UDB-00WH

Specifications

- Dimensions - 2.5" x 2.7" x 0.8" (63 x 69 x 20 mm)
- Recommended Card Size - 2.125" x 3.3" (55 x 85 mm) Cards not included
- Color - White
- Surface Mounted with Screws or Adhesive Tape
- Communicates with other Bluetooth Mesh Devices
- Battery model - CR2477
- Battery life - 5 years
- Warranty - 2 Years
- Buy American Act compliant

Description

The K-K0-UDB-00WH Wireless Key Card Control is wireless and requires 1 CR 2477 battery. BubblyNet Key Controls are designed to provide energy savings for the hospitality industry by ensuring that no devices are left on when the room is not in use.

Installation

The **K-K0-UDB-00WH** installation is very simple as they are surface mounted and do not require any wiring. All battery operated devices (Low Power Node) do not retransmit network messages and communicate with the network via an automatic designated device (Friend Node) which keep the LPN updated with the latest network settings. For best results, the battery operated device should be installed within 40 feet of the closest device within the Bluetooth Mesh network.

Certifications

Operations

The **K-K0-UDB-00WH** is specifically designed for hospitality applications. When the guest enters his/her room, the insertion of the key into the slot activates whichever is the intended effect. From the simple powering of the entire room with a BT relay, to the most sophisticated welcome scene including the gradual turning ON of the lights, opening the motorized curtains, HVAC at a specific setting, subtle accents of music and more. When the guest leaves the room and takes the key with him/her, with or without a set delay, the vacant room settings become effective.Its wireless technology allows for installations that would be extremely difficult or impossible, such as historical buildings, glass walls, furniture and thin partitions. With an extremely clean design. It provides convenient control of lighting and a wide variety of electric loads, activating them when a standard key card is inserted and deactivating with or without a delay when the card is removed.

Connectivity

Devices are repeaters for other devices and should be installed within a certain maximum distance from each other.

Battery powered devices do not replay messages and are not counted when establishing Mesh continuity.

Typical maximum distance:

Outdoor (line of sight):	200ft
Indoor (through building material):	
Glass:	100ft
Drywall:	70ft
Cinderblock:	60ft
Brick:	50ft
Concrete + rebar	0ft

For design purposes a 60ft. maximum distance is appropriate for most installations.