

6-Button Wireless Dimmer
Wall Switch

GEBC

SPECIFICATION

The white 6-Button Keypad Dimmer is designed to replace your existing wall switch and add enhanced lighting control. This dimmer has 6 front-panel buttons for direct control of your GEBC connected devices. When paired with GEBC control devices, you can download the free GEBC app for controlling the keypad Dimmer from devices such as smartphones and tablets.

OVERVIEW

The GEBC switch provides the basic control functions of a standard wall switch with preset dimming capabilities. The GEBC switch gives you the flexibility to predefine&change light colors (CCT) and light levels that can be accessed at the push of a button.

FEATURES AND BENEFITS

Localized Microprocessor Control: Each The GEBC switch is a fully-fledged computing and communications device. The control communicates with GEBC Smart Sensors and Controllers wirelessly, enabling the sensor to make local decisions regardless of the icloud network status.

Programmable: at the push of a button to predefine&change the light colors and light.

Code Compliant: For regions where building codes require that a manual-on/manual-off,DIM up(colors up).DIM down(colors down) switch be located in any enclosed space, The GEBC switch fulfills this requirement.

Simple and Low-cost Installation: The GEBC switch require external power. The GEBC switch can be installed directly over existing junction boxes..

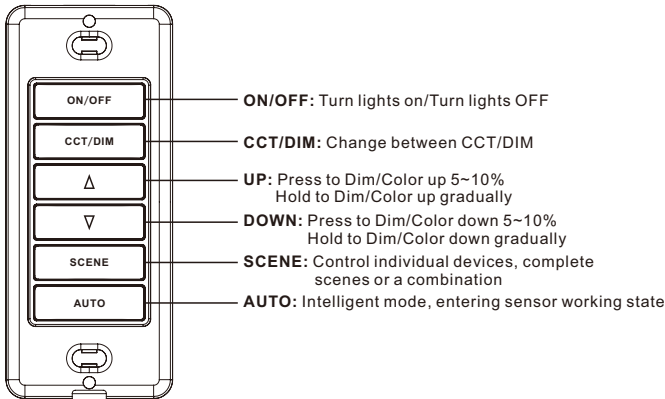
Standards-Based Networking and Security: The 802.15.4 compatible radio transmits messages in the 2.4GHz band while avoiding interference with any Wi-Fi or other networks. All messages are AES-128 encrypted to provide network security.

Minimal Air-time: The GEBC Switch transmits its messages in short bursts to GEBC sensors, utilizing very little of the channel capacity and minimizing collisions with other network traffic.



The GEBC Switch(BC-USDM101-4-GE)

L	4.13"	105mm
W	1.75"	44.5mm
H	1.73"	44mm



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Step-by-step guide to installing a GEBC switch

Step 1: Find a good spot for your Switch

Step 1: Find a suitable position for your switch. You need a junction box, he needs 120VAC power, maybe to cover a traditional light switch. The best place to install a GEBC switch is near an entrance or seating area, such as around a living room sofa or dining table.

Step 2: Mount it with screws

Disconnect the power, connect the switch to the 120VAC wire,than secure the GEBC switch to the existing junction box (with screws).

Step 3: Factory reset the switch and Pair your Dimmer switch with your lights

The Bluetooth device can be restored to factory settings by simultaneously holding down the "On/Off" key and the " Δ " key for 3 seconds. During this process, the green indicator will blink three times at an interval of 0.5 seconds. After the device restarts, the indicator will blink at a slow rate (once every 1 second) for 60 seconds until the device enters network distribution mode. If no operation is performed, the device will transition into a low-power state. Once connected to the network, the device will enter a low-power working state.

Step 4: The distribution network of the gateway

Press the "ON/OFF" and "AUTO" buttons at the same time for 3 seconds. The green indicator blinks once. The serial port sends the network distribution command FB 00 14 00 EF 55 to the gateway, and the gateway device is in the state to be distributed.

TECHNICAL SPECIFICATIONS

Action: Six push buttons;

Up to six software-configurable scenes

Actuations: Rated for 50,000 actuations

Power: 120VAC,60Hz

Max Fixtures Per Control: 100

Interoperability: GEBC Sensors and Gateways

Operating Temp.: 32 to 122 F/0° to 50°C

Enclosure: Recyclable PC

Wireless Standards: IEEE 802.15.4

Radio Frequency: 2400-2483.5 MHz

Wireless Range: 60 ft. (18 m) radius open range

Encryption: AES-128

ORDERING INFORMATION

BC-USDM101-4-GE 6-Button Wireless Dimmer Wall Switch

COMPLIANCE

Europe

CE RoHS REACH



United States

FCC UL



Canada

UL



WARRANTY: 5 years