Bluetooth Dimmer and CCT Wall Switch

SPECIFICATION

The white bluetooth dimmer and CCT wall switch is designed to replace your existing wall switch and add enhanced lighting control. This wall switch has two sliding blocks for direct control of your GEBC connected devices to change the CCT and Brightness easily.



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 via sliding blocks

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: via sliding the sliding blocks to change the CCT and brightness.

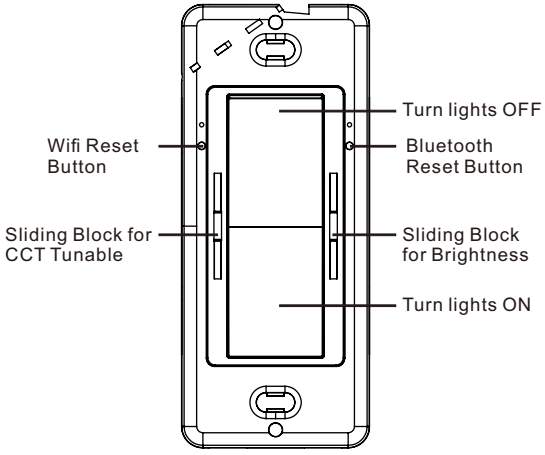
The GEBC Switch(BC-USDM101-5-GE)

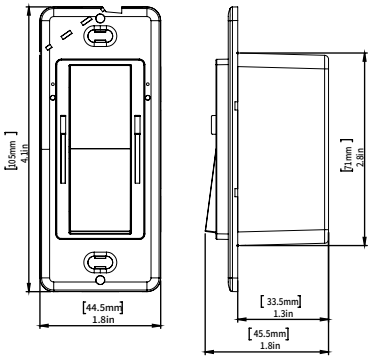
L	4.13"	105mm
W	1.75"	44.5mm
H	1.8"	45.5mm

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.





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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 120-277VAC 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 120-277VAC 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 Bluetoth device can be restored to factory settings by pressing the "Bluetooth Reset button" with a fine needle for about 5 seconds. During this process, the red 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

ress the "Wifi Reset Button: with a fine needle for 5 seconds. The red 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: Bluetooth Dimmer and CCT Wall Switch

Actuations: Rated for 50,000 actuations

Power: 120-277VAC ,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-USDM101-6-GE Bluetooth Dimmer and CCT Wall Switch

COMPLIANCE

Europe CE RoHS REACH

United States FC UL LISTED

Canada UL LISTED

WARRANTY: 5 years