

6-Button Wireless Dimmer Wall Switch



SenseWave
TECHNOLOGIES, INC

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 SenseWave connected devices. When paired with SenseWave control devices, you can download the free SenseWave app for controlling the keypad Dimmer from devices such as smartphones and tablets.

OVERVIEW

The SenseWave switch provides the basic control functions of a standard wall switch with preset dimming capabilities. The SenseWave 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 SenseWave switch is a fully-fledged computing and communications device. The control communicates with SenseWave 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 SenseWave switch require external power. The SenseWave switch can be installed directly over existing junction boxes..

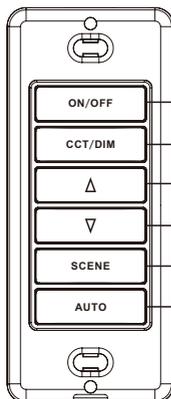
Standards-Based Networking and Security: The 802.15.4 compatible radio transmits messages in the 2.4GHz band while avoiding interference with any Wi-Fi or other networks. All messages are AES-128 encrypted to provide network security.

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



The SenseWave Switch
(PB-L8-120277DT-6B-BT)

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



ON/OFF: Turn lights on/Turn lights OFF

CCT/DIM: Change between CCT/DIM

UP: Press to Dim/Color up 5~10%
Hold to Dim/Color up gradually

DOWN: Press to Dim/Color down 5~10%
Hold to Dim/Color down gradually

SCENE: Control individual devices, complete scenes or a combination

AUTO: Intelligent mode, entering sensor working state

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Step-by-step guide to installing a SenseWave 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 SenseWave 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 SenseWave switch to the existing junction box (with screws).

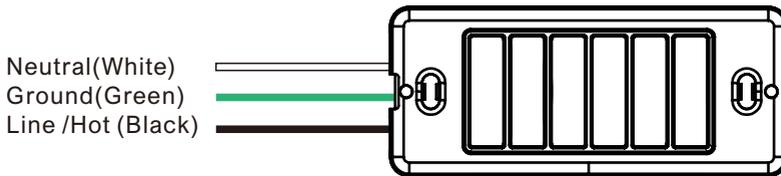
Step 3: Factory reset the switch and Pair your Dimmer switch with your lights

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.

WIRING DIAGRAM



TECHNICAL SPECIFICATIONS

Action: Six push buttons;
Up to six software-configurable scenes
Actuations: Rated for 50,000 actuations
Power: 120-277VAC ,60Hz
Max Fixtures Per Control: 100
Interoperability: SenseWave 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

PB-L8-120277DT-6B-BT 6-Button Wireless Dimmer Wall Switch

COMPLIANCE

Europe 
United States 
Canada 

WARRANTY: 5 years