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DEWENWILS BHC1812U+BH18B

DEWENWILS Wireless Light Switch & Remote Control Outlet User Manual

Model: BHC1812U+BH18B

1. Product Overview

The DEWENWILS Wireless Light Switch and Remote Control Outlet system provides a convenient solution for controlling lamps, lights, fans, and other household appliances remotely. This plug-and-play system eliminates the need for complex wiring, offering flexible control options for hard-to-reach outlets.



Image 1.1: The DEWENWILS Wireless Light Switch and Remote Control Outlet components.

2. Safety Information

WARNING: To reduce the risk of electric shock, do not open the device. No user-serviceable parts inside.

- Ensure the product is used within its specified electrical ratings (15A/1875W, 125V).
- Do not immerse the device in water or expose it to excessive moisture.

- Keep out of reach of children and pets.
- Do not disassemble or modify the product.
- Unplug the device from the outlet before cleaning.
- This product is FCC Listed, ensuring compliance with safety and quality standards.

3. What's in the Box

- 1 x Wireless Remote Control Outlet
- 1 x Wireless Light Switch (with mounting bracket)
- 1 x Lithium Metal Battery (pre-installed in switch)

4. Setup Instructions

The DEWENWILS Wireless Light Switch and Remote Control Outlet are designed for easy, no-wiring installation. The units are pre-programmed for immediate use.

1. **Install the Remote Control Outlet:** Plug the remote control outlet into any standard 125V wall outlet. Ensure it is securely seated.



Image 4.1: The remote control outlet plugged into a wall socket, ready for use with various appliances.

2. **Connect Your Appliance:** Plug the device you wish to control (e.g., lamp, fan) into the remote control outlet.



Image 4.2: The compact design of the DEWENWILS outlet ensures it does not obstruct adjacent wall sockets.

3. **Position the Wireless Light Switch:** The wireless switch can be used in two ways:
    - **Portable Mode:** Use the switch as a handheld remote for flexible control from anywhere within range.
    - **Fixed Mode:** Mount the switch to a wall using the included mounting bracket. This allows it to function like a traditional wall switch without any wiring.



Image 4.3: The wireless switch can be used as a portable remote or mounted to a wall for fixed control.

5. Operating Instructions

Once set up, operating the DEWENWILS Wireless Light Switch and Remote Control Outlet is straightforward:

- Press the "ON" button on the wireless switch to turn on the connected appliance.
- Press the "OFF" button on the wireless switch to turn off the connected appliance.
- The remote control outlet also features a manual power button on its side for direct control if needed.

The strong RF signal allows control through walls and doors, with a range of up to 100 feet, providing convenience throughout your home.



Image 5.1: The system boasts a 100-foot powerful RF signal, allowing control through walls and doors.

This system is ideal for various applications, including controlling indoor lights, fans, chargers, and even seasonal decorations, making daily life easier and more energy-efficient.



Image 5.2: The wireless switch offers convenience for various users, including those with limited mobility.

6. Features

- **Wide Application:** Remotely control various devices such as indoor lights, fans, chargers, and hard-to-reach appliances.
- **Plug and Play:** No in-wall wiring or complex installation required.
- **Compact Design & Strong Signal:** Occupies only one wall outlet, fitting easily in tight spaces. Strong RF signal

penetrates walls and doors within a 100-foot range.

- **No Interference & Flexible:** Advanced technology prevents interference with other RF systems. Pre-programmed for immediate use, with options to expand your system by adding more DEWENWILS remotes and outlets.
- **FCC Listed:** Certified for safety and quality, providing peace of mind.

7. Specifications

Voltage:	125V 60HZ
Power:	MAX 1875W 15A
Remote Range:	100FT
Wiring Type:	No Wiring Needed
Operation Temperature:	-15°C ~ 45°C
Certification:	FCC
Product Dimensions:	2.89 x 2.57 x 4.55 inches
Item Model Number:	BHC1812U+BH18B
Batteries:	1 Lithium Metal battery required (included)

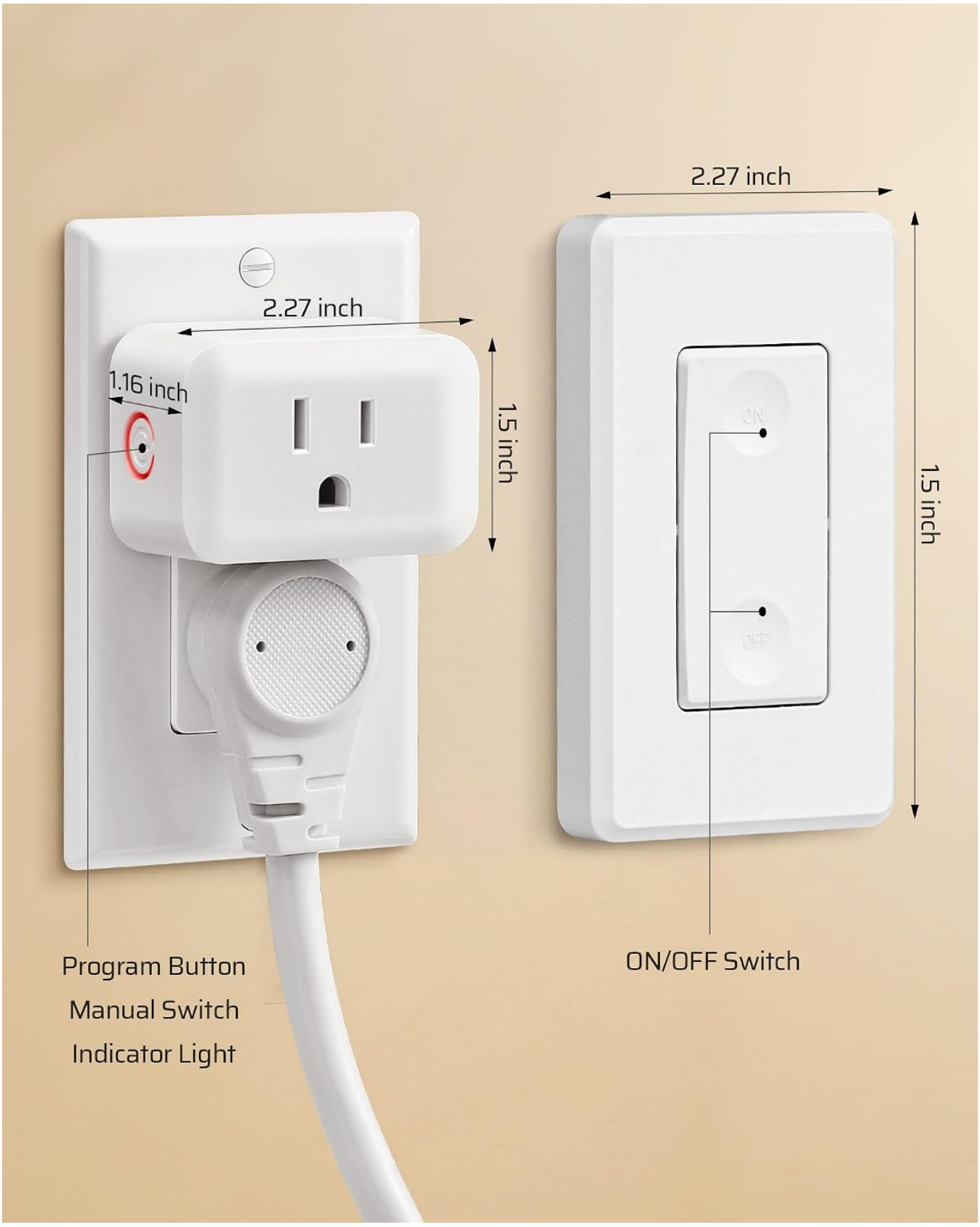


Image 7.1: Detailed dimensions and component labels for the wireless switch and outlet.

8. Troubleshooting

- **Device Not Responding:**
  - Ensure the remote control outlet is securely plugged into a live wall outlet.
  - Verify that the appliance connected to the outlet is properly plugged in and functional.

- Check the battery in the wireless switch. Replace if necessary.
- Some users report needing to press the switch button firmly, beyond a soft click, to ensure the signal is sent.

- **Limited Range or Intermittent Operation:**
  - While the RF signal can penetrate walls, excessive obstructions or interference from other electronic devices may reduce the effective range. Try repositioning the switch or outlet.
  - Ensure the wireless switch is not placed too close to the outlet it controls, as this can sometimes interfere with proper signal transmission.
- **Adding More Remotes/Outlets:**
  - The system is expandable. Refer to the DEWENWILS website or contact customer support for instructions on pairing additional remotes or outlets to your existing system.

9. Warranty and Support

DEWENWILS products are designed for reliability and performance. For warranty information, technical support, or to inquire about additional products, please visit the official DEWENWILS website or contact their customer service department. Please have your model number (BHC1812U+BH18B) ready when contacting support.

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