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DEWENWILS BH9907U-18B

DEWENWILS BH9907U-18B Wireless Remote Control Outlet and Wall Switch User Manual

Model: BH9907U-18B

1. Introduction

Thank you for choosing the DEWENWILS Wireless Remote Control Outlet and Wall Switch. This product provides a convenient solution for remotely controlling indoor lighting fixtures and other electrical appliances without the need for complex wiring. The kit includes one wireless wall switch and one plug-in receiver outlet, pre-programmed for immediate use.



Image 1.1: DEWENWILS Wireless Wall Switch and Plug-in Remote Control Outlet.

2. Safety Information

- Do not exceed the maximum load rating of 10 Amps / 125 Volts AC.
- Ensure the product is used in dry, indoor environments only.
- Do not immerse the product in water or expose it to excessive moisture.
- Keep out of reach of children.
- Do not disassemble or modify the product.
- Always unplug the receiver from the wall outlet before cleaning.

3. Product Overview

The DEWENWILS BH9907U-18B system consists of two main components:

- **Wireless Wall Switch:** A battery-operated switch that can be mounted on any wall surface without wiring. It features ON and OFF buttons.
- **Plug-in Receiver Outlet:** This compact unit plugs into a standard wall outlet and provides a controlled outlet for your appliance. It includes a manual ON/OFF button and an indicator light.

Key Features:

- **No Wiring Needed:** Easy installation without electrical work.
- **Compact Design:** Leaves the upper wall outlet accessible.
- **100 ft RF Range:** Strong radio frequency signal works through walls and doors.
- **Programmable and Expandable:** Allows for adding extra remotes, outlets, or light sockets (same model only).
- **FCC Listed:** Certified for safety and performance.



Image 3.1: Product Features Overview.



Image 3.2: Compact Design and Receiver Components.

4. Setup and Installation

4.1 Installing the Wireless Wall Switch

The wireless wall switch requires no electrical wiring. It is powered by a pre-installed 12V (23A) alkaline battery.

1. **Remove Battery Insulation:** Open the back cover of the switch and remove the plastic insulation tab from the battery compartment.
2. **Mounting:** Use the included screws to attach the mounting bracket to your desired wall location. Alternatively, double-sided adhesive tape (not included) can be used for non-permanent installation.
3. **Attach Switch:** Snap the wireless switch onto the mounted bracket.



Image 4.1: Wireless Wall Switch Installation Steps.

4.2 Installing the Plug-in Receiver Outlet

1. Plug the receiver outlet into a standard 3-prong 125V AC wall socket.
2. Plug your desired appliance (lamp, fan, etc.) into the controlled outlet on the receiver.

The system is pre-programmed and ready for immediate use after these steps.

Image 4.2: No Wiring Needed, Simple and Convenient Setup.

5. Operating Instructions

5.1 Remote Control Operation

Press the **ON** button on the wireless wall switch to turn on the connected appliance. Press the **OFF** button to turn it off.

Image 5.1: Remote Control in Use.

5.2 Manual Operation

The plug-in receiver outlet has a manual button on its side. Press this button to manually turn the connected appliance ON or OFF.



Image 5.2: Manual Control Button on Receiver.

6. Programming and Expansion

The DEWENWILS system is designed to be programmable and expandable, allowing you to customize your control setup. You can add additional DEWENWILS wireless switches, plug-in outlets, or light sockets (of the same model) to your system.

6.1 Pairing Additional Components

To pair a new switch or outlet:

1. Plug the receiver into a wall outlet.
2. Press and hold the programming button on the receiver until the indicator light begins to flash.
3. Within 5 seconds, press the ON or OFF button on the new wireless switch you wish to pair. The indicator light on the receiver will stop flashing, confirming successful pairing.

6.2 Clearing Paired Settings

To clear all paired settings from a receiver:

1. Unplug the receiver from the wall outlet.
2. Press and hold the programming button on the receiver.
3. While holding the button, plug the receiver back into the wall outlet. Continue holding the button for approximately 5 seconds until the indicator light flashes rapidly, then turns off. This indicates all previous pairings have been cleared.

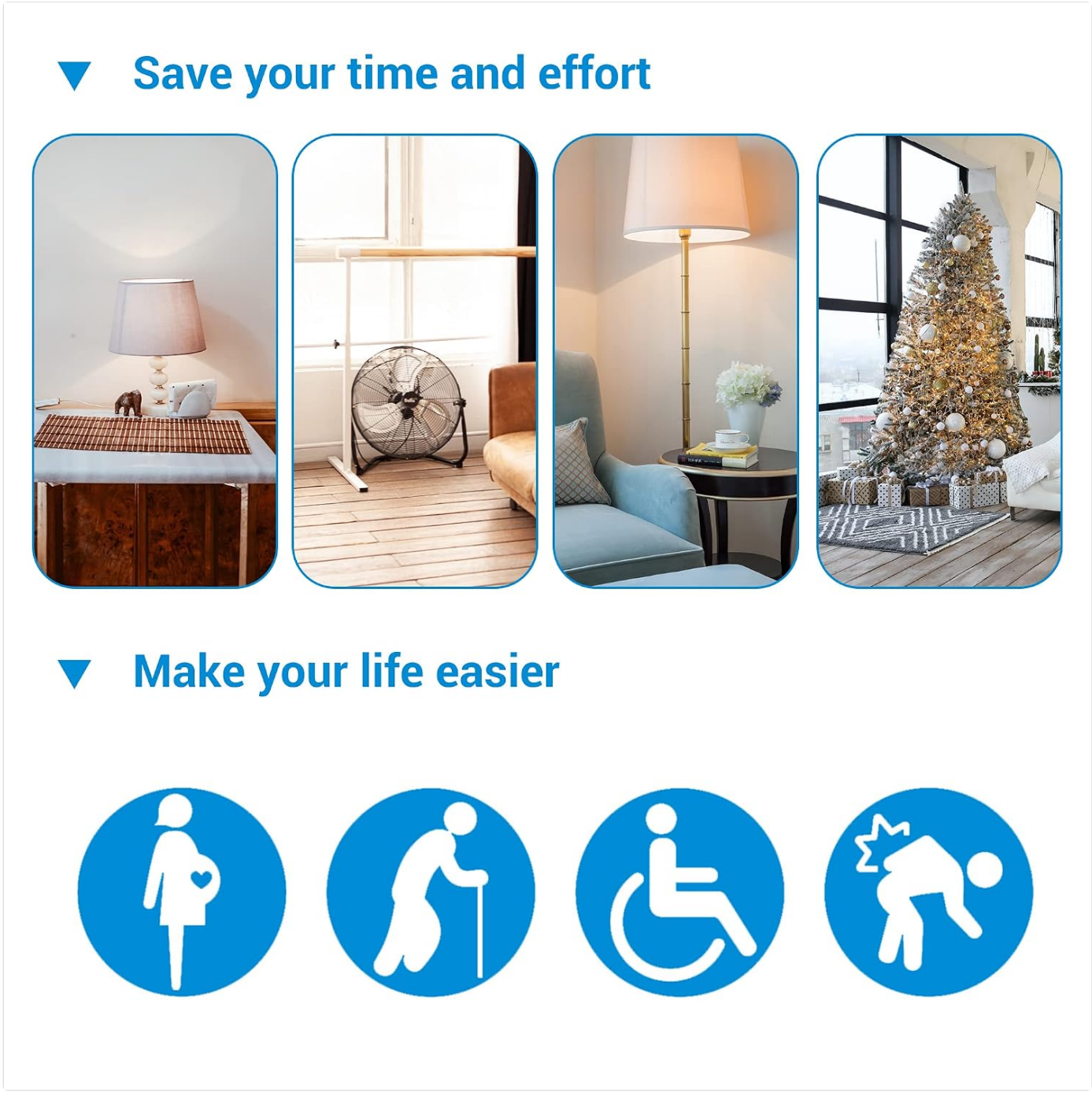


Image 6.1: Programmable and Expandable Configurations.

7. Maintenance

7.1 Battery Replacement for Wireless Switch

The wireless wall switch is powered by a 12V (23A) alkaline battery. If the switch's range decreases or it becomes unresponsive, the battery may need replacement.

1. Carefully remove the switch from its mounting bracket.
2. Open the battery compartment cover on the back of the switch.
3. Remove the old battery and insert a new 12V (23A) alkaline battery, ensuring correct polarity.
4. Close the battery compartment and reattach the switch to its bracket.

7.2 Cleaning

To clean the product, unplug the receiver from the wall outlet. Use a soft, dry cloth to wipe the surfaces. Do not use liquid

cleaners or abrasive materials.

8. Troubleshooting

Problem	Possible Cause	Solution
Appliance does not turn ON/OFF via remote.	1. Receiver unplugged or power outage. 2. Appliance not plugged into receiver. 3. Wireless switch battery is low or dead. 4. Switch and receiver are not paired.	1. Ensure receiver is securely plugged in and power is available. 2. Verify appliance is correctly plugged into the receiver. 3. Replace the 12V (23A) battery in the wireless switch. 4. Re-pair the switch and receiver as per Section 6.1.
Reduced remote control range.	1. Low battery in wireless switch. 2. Excessive interference from other RF devices. 3. Obstructions (thick walls, metal objects).	1. Replace the 12V (23A) battery in the wireless switch. 2. Try relocating the receiver or switch to minimize interference. 3. Ensure direct line of sight or fewer obstructions between switch and receiver.
Receiver does not respond to manual button.	Receiver is unplugged or no power.	Ensure receiver is securely plugged in and power is available.

9. Specifications

Feature	Specification
Model Number	BH9907U-18B
Product Dimensions	2.36 x 1.3 x 3.14 inches (Receiver)
Item Weight	7.37 ounces
Operating Voltage	125 Volts (AC)
Current Rating	10 Amps
Operation Mode	ON-OFF-ON
Contact Type	Free Control
Connector Type	Plug In
Circuit Type	1-way
Actuator Type	Push Button
Wireless Switch Battery	1 x 12V (23A) (included)
RF Range	Up to 100 feet (open area)
Certifications	FCC Listed

10. Warranty and Support

DEWENWILS products are designed for reliability and performance. For warranty information, technical support, or any questions regarding your product, please refer to the contact information provided with your purchase or visit the official DEWENWILS website. Please have your model number (BH9907U-18B) ready when contacting support.

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