

DEWENWILS HRLS12E

DEWENWILS Wireless Light Switch and Receiver Kit (Model HRLS12E) Instruction Manual

Brand: DEWENWILS | Model: HRLS12E

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your DEWENWILS Wireless Light Switch and Receiver Kit. This kit offers a convenient solution for controlling lighting fixtures without the need for complex in-wall wiring, allowing for flexible placement of the switch.

2. SAFETY INFORMATION

- Always cut off power at the circuit breaker before performing any electrical work.
- Ensure all wiring connections are secure and comply with local electrical codes.
- Do not exceed the maximum load ratings of 10A/1200W (Tungsten), 600W (Fluorescent), or 200W (LED).
- This product is designed for indoor use. Avoid exposure to moisture or extreme temperatures.
- If you are unsure about any part of the installation, consult a qualified electrician.

3. PACKAGE CONTENTS

The DEWENWILS Wireless Light Switch and Receiver Kit includes the following components:

- 1 x Wireless Wall Switch (Transmitter)
- 2 x Receiver Modules
- 1 x 12V (23A) Alkaline Battery (pre-installed in switch)
- Mounting Screws and Adhesive Tape for Switch



Image: The DEWENWILS Wireless Light Switch and Receiver Kit, showing one wireless wall switch and two receiver modules.

4. SPECIFICATIONS

Feature	Specification
Brand	DEWENWILS
Model Number	HRLS12E
Current Rating	10 Amps
Operating Voltage	125 Volts
Maximum Power (Tungsten)	1000 Watts
Maximum Power (Fluorescent)	600 Watts
Maximum Power (LED)	200 Watts

Control Method	Remote (RF)
RF Range	Up to 100 feet (open areas)
Connectivity Protocol	RF
IP Rating	IP54
Battery Type (Switch)	1 x 12V (23A) Alkaline (included)
Receiver Dimensions (L x W x H)	2.14 x 1.46 x 0.92 inches (approx.)

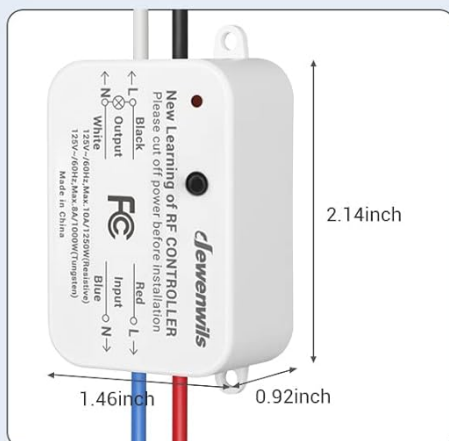
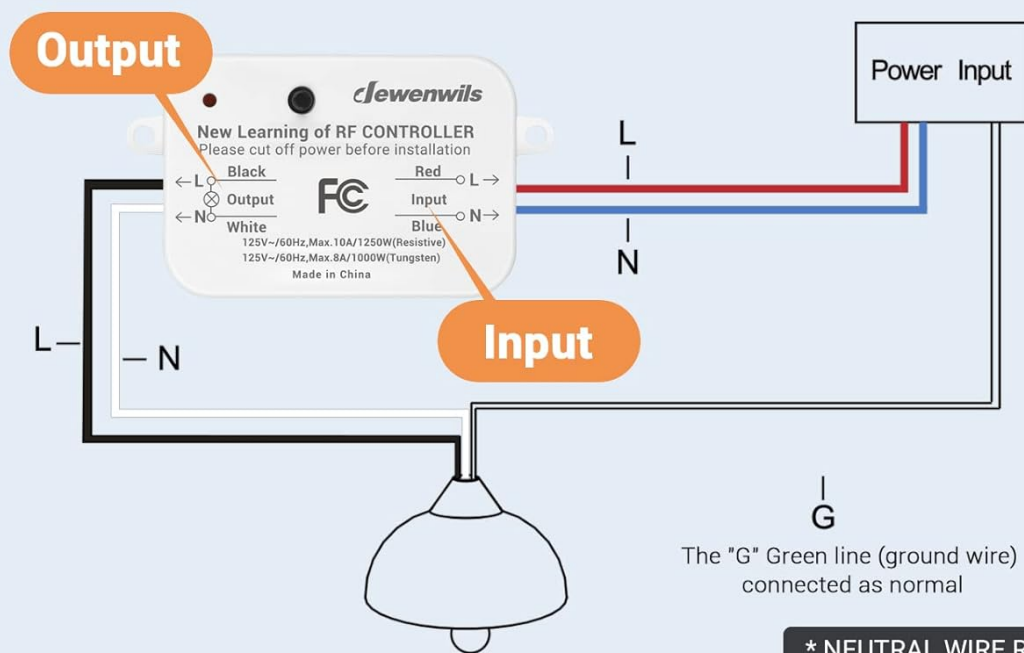
5. SETUP AND INSTALLATION

5.1. Receiver Wiring

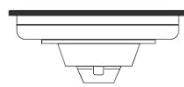
The receiver module connects between your power source and the lighting fixture. A neutral wire is required for installation. Ensure power is OFF at the circuit breaker before proceeding.

1. Turn off the main power supply to the circuit at the breaker.
2. Connect the **Red** wire from the receiver to the Live (L) input wire from your power source.
3. Connect the **Blue** wire from the receiver to the Neutral (N) input wire from your power source.
4. Connect the **Black** wire from the receiver to the Live (L) output wire of your lighting fixture.
5. Connect the **White** wire from the receiver to the Neutral (N) output wire of your lighting fixture.
6. Ensure the ground wire (G) from your power source is connected to the ground wire of your lighting fixture as normal.
7. The compact receiver is designed to fit into various electrical boxes such as rose/canopy, junction boxes, or switch boxes.

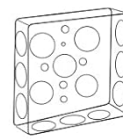
Wired between Power and Lights



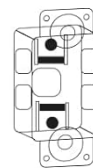
Compact receiver easily fits into wiring boxes



Rose/Canopy



Junction Box



Switch Box

Image: A wiring diagram illustrating how to connect the receiver between the power input and a light fixture. It also shows the compact dimensions of the receiver, indicating it fits into standard electrical boxes like rose/canopies, junction boxes, and switch boxes.

5.2. Wireless Switch Mounting

The wireless switch can be mounted on a wall or used as a portable remote.

1. Remove the back plate from the wireless switch.
2. Choose a desired location for the switch. You can use the provided screws to mount the back plate to the wall or use the adhesive tape for a non-permanent solution.
3. Ensure the battery insulation tab is removed from the switch to activate the pre-installed 12V (23A) alkaline battery.
4. Snap the wireless switch onto the mounted back plate.

Simple Installation & Datachable Remote

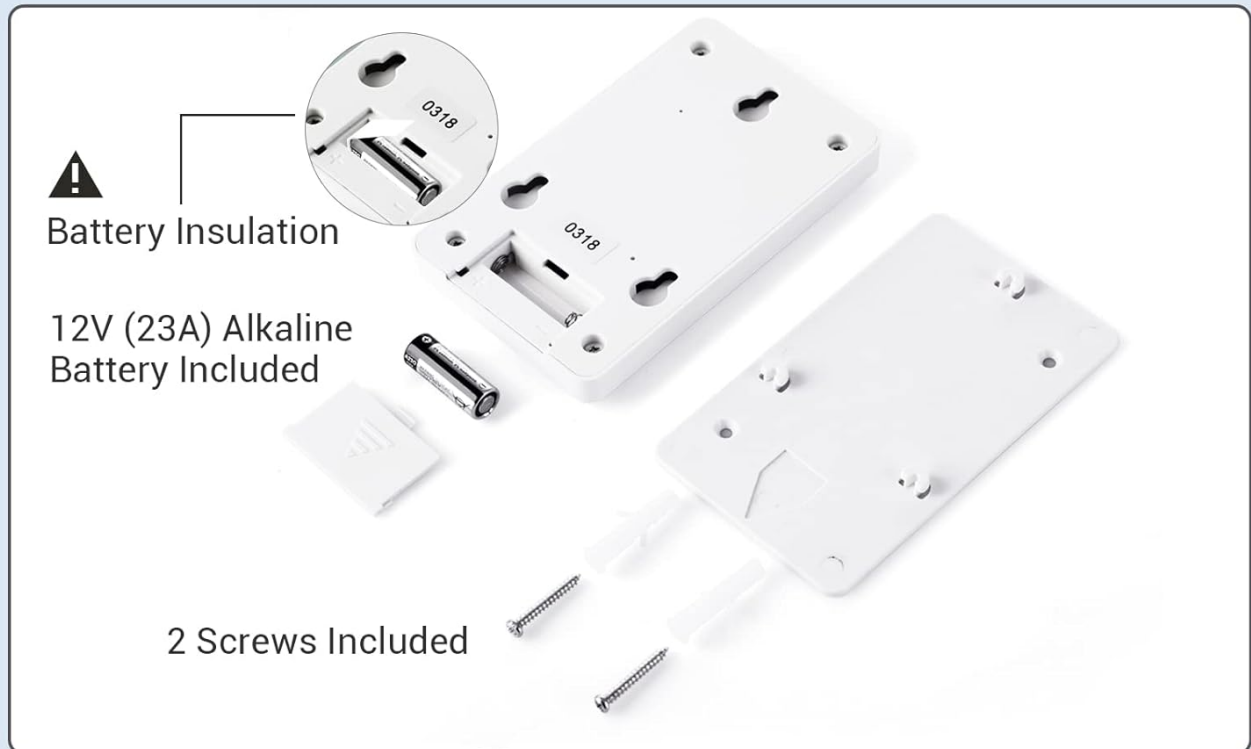


Image: A visual guide showing the steps to install the wireless switch, including removing the back plate, using screws or adhesive for mounting, and snapping the switch into place. It also highlights the battery and insulation tab.

ADD OR RELOCATE WALL SWITCHES WITHOUT REWIRING

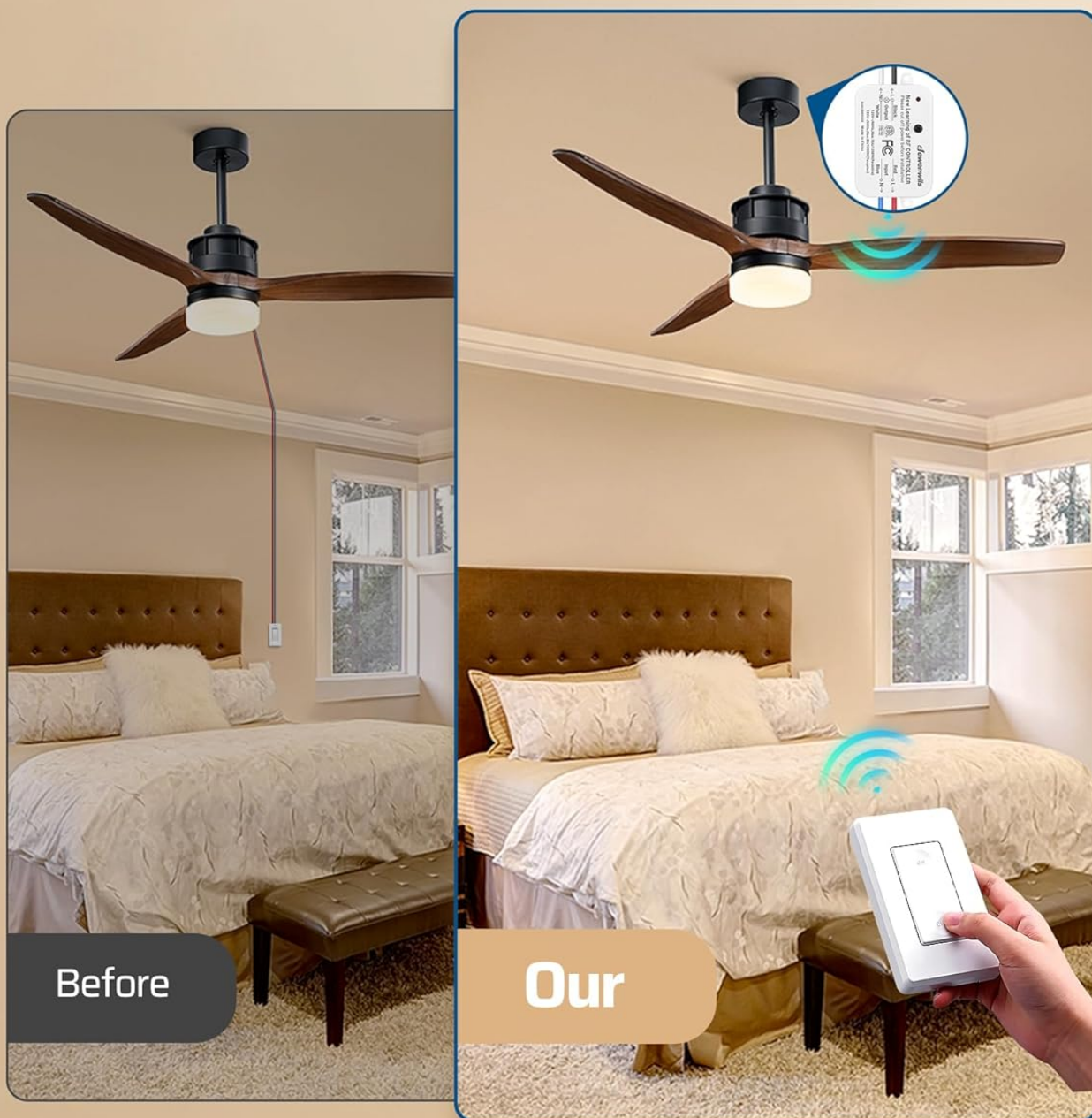


Image: A visual comparison showing a traditional wired switch for a ceiling fan versus the DEWENWILS wireless system, demonstrating how the wireless switch eliminates the need for new in-wall wiring.

6. OPERATING INSTRUCTIONS

6.1. Basic Operation

Once the receiver is wired and the switch is powered, you can control your lighting fixture:

- Press the "ON" button on the wireless switch to turn the connected light(s) ON.

- Press the "OFF" button on the wireless switch to turn the connected light(s) OFF.



Image: The wireless switch is shown in two configurations: fixed to a wall plate and used as a portable remote, demonstrating its versatility.

6.2. RF Range and Interference

The system utilizes RF (Radio Frequency) technology, providing a range of up to 100 feet in open areas. The signal can pass through walls and doors without requiring a direct line of sight.

100FT RF RANGE



Image: A cross-section view of a house demonstrating the 100-foot RF range, showing the wireless switch controlling lights in different rooms and on different floors.

6.3. Programmable and Expandable Features

The DEWENWILS Wireless Light Switch Kit is designed for expandability:

- **One Switch, Multiple Receivers:** A single wireless switch can be paired to control multiple receiver modules, allowing one switch to control a group of lights.
- **Multiple Switches, One Receiver:** Multiple wireless switches can be paired to control a single receiver module, enabling 3-way or 4-way switch configurations without additional wiring.

- Additional DEWENWILS transmitters and receivers can be purchased separately to expand your system.

MEETS 99% OF HOME LIGHTING NEEDS

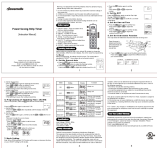






Image: A collage showing various home lighting applications, including ceiling lights, wall sconces, and pendant lamps, all compatible with the DEWENWILS wireless switch system.

Your browser does not support the video tag.

Video: An official DEWENWILS video demonstrating the functionality and ease of use of the Wireless Light Switch and Receiver Kit in various home settings.

7. MAINTENANCE

	<p>Dewenwils Power Saving Strip Timer Instruction Manual</p> <p>Comprehensive instruction manual for the Dewenwils Power Saving Strip Timer (Model HPST16D), covering setup, programming, features, safety information, and warranty.</p>
<p>Dewenwils Low Voltage Transformer SKU: HTLT04A [Instruction Manual]</p>  <p>Please pay attention to the warnings signs Read the instructions with caution before operating avoid any fire hazards</p>	<p>Jewenwils Low Voltage Transformer HTLT04A: User Manual & Installation Guide</p> <p>Comprehensive user manual and installation guide for the Jewenwils HTLT04A Low Voltage Transformer. Learn about setup, app control, timer functions, and troubleshooting for your outdoor landscape lighting system.</p>
<p>Dewenwils Outdoor Mechanical Timer Box SKU: HOMET01A [Instruction Manual]</p>  <p>Thank you for your purchase. Please contact us if you have any questions. We will get back to you within 24 hours. Email: support@dewenwils.com Please refer our Order ID for that we can serve you better.</p>	<p>Dewenwils Outdoor Mechanical Timer Box HOMET01A Installation and Operation Manual</p> <p>Comprehensive guide for the Dewenwils Outdoor Mechanical Timer Box (SKU: HOMET01A), covering installation instructions, specifications, wiring diagrams for various applications (120VAC, 240VAC, 277VAC), operating instructions, and a one-year limited warranty.</p>
<p>Dewenwils Power Saving Strip Timer SKU: HPST16M [Instruction Manual]</p>  <p>Thank you for your purchase. Please contact us if you have any questions. We will get back to you within 24 hours. Email: support@dewenwils.com Please refer our Order ID for that we can serve you better.</p>	<p>Dewenwils Power Saving Strip Timer HPST16M Instruction Manual</p> <p>User manual for the Dewenwils Power Saving Strip Timer, model HPST16M. Learn about product features, installation, operation, and specifications for this 24-hour programmable timer.</p>
<p>Dewenwils Outdoor Digital Timer Box SKU: HODT01B [Instruction Manual]</p>  <p>Thank you for your purchase. Please contact us if you have any questions. We will get back to you within 24 hours. Email: support@dewenwils.com Please refer our Order ID for that we can serve you better.</p>	<p>Dewenwils Outdoor Digital Timer Box HODT01B Instruction Manual</p> <p>Comprehensive instruction manual for the Dewenwils Outdoor Digital Timer Box (Model HODT01B), detailing installation, wiring diagrams, operating procedures, and warranty information for efficient electrical control.</p>