Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

DEWENWILS DIT101+ DWLS01

DEWENWILS Wireless Outdoor Switch Instruction Manual

Model: DIT101+ DWLS01

Introduction

Thank you for choosing the DEWENWILS Wireless Outdoor Switch. This device provides a convenient and efficient way to control outdoor lighting and other electrical appliances without the need for complex wiring. Its IP65 rating ensures reliable operation in various outdoor conditions, protected against dust and rain. This manual provides essential information for the safe installation, operation, and maintenance of your wireless switch.

Safety Information

- Always disconnect power at the circuit breaker before installing or servicing the switch.
- Installation should be performed by a qualified electrician or in accordance with local electrical codes.
- Ensure all connections are secure and properly insulated.
- The receiver unit is IP65 rated for outdoor use, but waterproof connectors are required for all wiring connections to maintain this rating.
- Do not exceed the maximum load capacity of 3000W or 15A.
- Keep the remote controls away from water and extreme temperatures.

Package Contents

- 1 x Wireless Receiver Unit
- 2 x Remote Controls
- 1 x CR2032 Battery (pre-installed in each remote)
- Mounting Hardware (screws, anchors)
- Wiring Terminals



Image: The DEWENWILS wireless outdoor switch kit, including two remote controls and the main receiver unit with its wiring.

Specifications

Feature	Specification
Model Number	DIT101+ DWLS01

Operating Voltage	220-240V AC
Max Load Power	3000W
Max Load Current	15A
IP Rating	IP65 (Receiver)
Wireless Frequency	RF (Radio Frequency)
Wireless Range	Up to 30 meters (open area)
Remote Battery Type	CR2032 Lithium Metal
Switch Type	1-Way
Mounting Type	Wall Mount
Certification	CE



Image: Dimensions and key features of the remote control and receiver unit, highlighting quality materials and battery type.

Setup and Installation

The DEWENWILS Wireless Outdoor Switch is designed for easy installation without the need for extensive drilling or embedded wiring. Follow these steps for proper setup:

1. Wiring the Receiver Unit

1. **Disconnect Power:** Before starting any wiring, ensure the power supply to the circuit is turned off at the main breaker.

2. **Identify Wires:** The receiver unit has input and output wires. Typically, these are Live (L), Neutral (N), and Ground (G). The image below illustrates common wiring configurations.
3. **Connect Input Power:** Connect the incoming Live (L) and Neutral (N) wires from your power source to the corresponding input terminals on the receiver.
4. **Connect Load:** Connect the Live (L) and Neutral (N) wires of your appliance (e.g., outdoor light) to the output terminals of the receiver.
5. **Grounding:** Ensure all ground wires are properly connected and secured.
6. **Waterproof Connections:** Use waterproof terminals or a waterproof junction box for all wire connections to maintain the IP65 rating of the receiver. Waterproof connectors are not included and must be supplied by the installer.



Image: Detailed wiring diagrams for connecting the receiver unit, illustrating direct wiring with waterproof terminals and wiring within a waterproof junction box.

2. Mounting the Receiver

Mount the receiver unit in a suitable outdoor location, ensuring it is protected from direct impact and easily accessible for maintenance. Use the provided mounting hardware to secure it to a wall or other stable surface.

3. Pairing and Programming (If necessary)

The remote controls are typically pre-paired with the receiver. If re-pairing or adding new remotes/receivers is needed, follow these steps:

- **To Pair a Remote to a Receiver:** Press and hold the pairing button on the receiver until its indicator light flashes. Then, press the 'ON' button on the desired remote control. The indicator light on the receiver will stop flashing, confirming successful pairing.
- **Expandable System:** The DEWENWILS system is expandable. You can program one remote to control multiple receivers, or have multiple remotes control a single receiver. This flexibility allows for customized control setups for various applications.

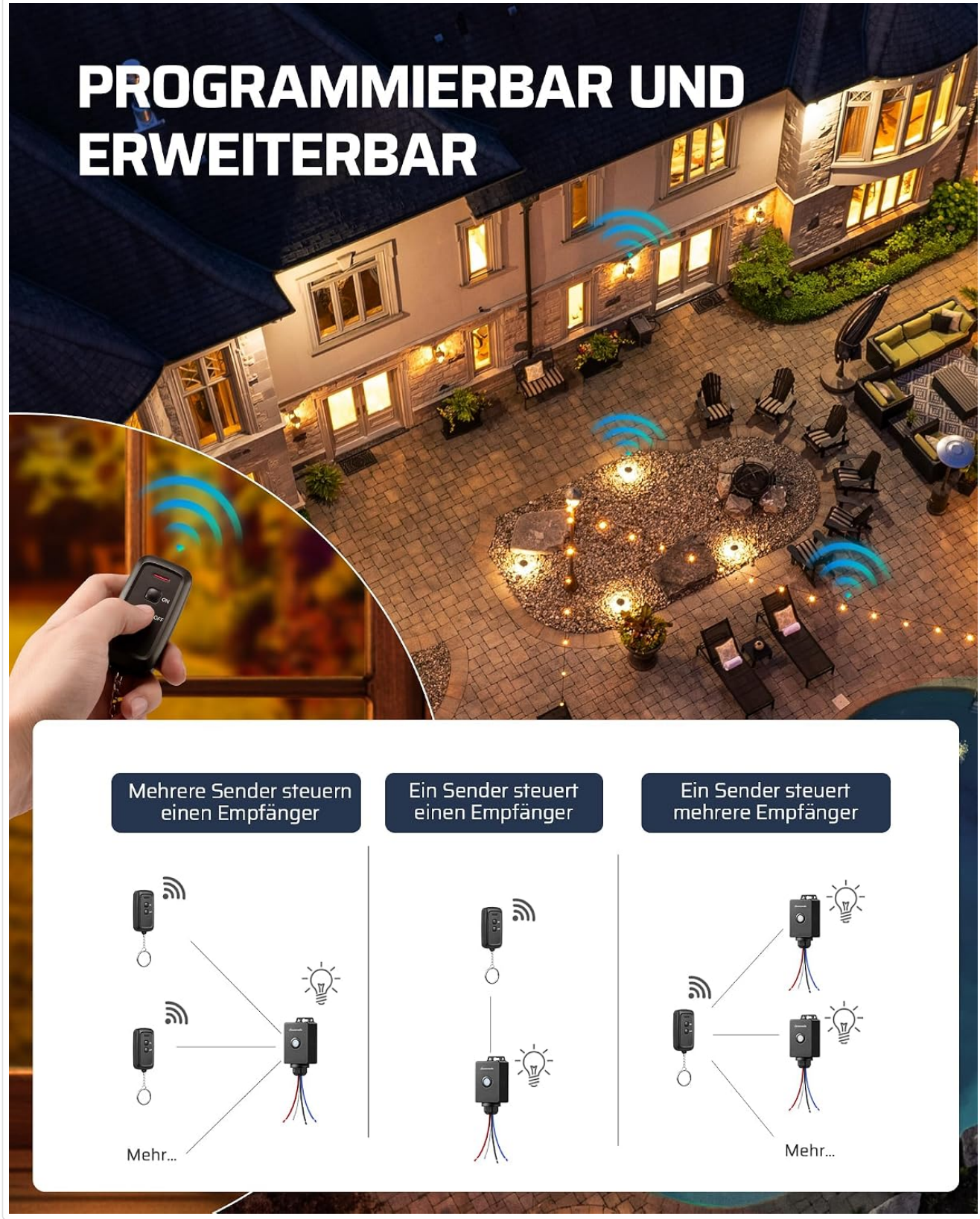


Image: Visual representation of the programmable and expandable capabilities, showing various configurations for controlling devices with multiple remotes or receivers.

Operating Instructions

Once installed and powered, operating the DEWENWILS Wireless Outdoor Switch is straightforward:

- **Power On/Off:** Press the 'ON' button on the remote control to turn on the connected appliance. Press the 'OFF' button to turn it off.
- **Range:** The remote control operates effectively up to 30 meters in open areas. RF signals can penetrate walls and doors, allowing control from inside your home.



Image: A person operating outdoor lights with the remote control from inside a building, illustrating the effective wireless range.

Maintenance

Remote Control Battery Replacement

The remote control uses a CR2032 lithium metal battery. When the remote's range decreases or it stops responding, it's time to replace the battery:

1. Locate the battery compartment on the back of the remote control.
2. Use a small screwdriver or coin to open the compartment.
3. Remove the old CR2032 battery.
4. Insert a new CR2032 battery with the positive (+) side facing up.
5. Close the battery compartment securely.

Cleaning

Wipe the receiver and remote controls with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the receiver's housing remains sealed to maintain its IP65 rating.

Troubleshooting

- **Device not responding:**
  - Check if the receiver unit has power.
  - Replace the battery in the remote control.
  - Ensure the remote and receiver are within range.
  - Re-pair the remote control with the receiver if necessary (refer to Setup section).
- **Intermittent operation:**
  - Check for sources of interference (e.g., other wireless devices, large metal objects).
  - Ensure the receiver's wiring connections are secure and not corroded.
  - Verify the remote control battery strength.
- **IP65 rating concerns:**
  - Ensure all wiring connections to the receiver are made with appropriate waterproof connectors.
  - Check for any cracks or damage to the receiver housing.



Image: The IP65 rated receiver unit, demonstrating its resilience against various outdoor elements like rain, sun, dust, and snow.

Customer Support

For further assistance, technical support, or warranty inquiries, please contact DEWENWILS customer service through the retailer's platform or the official DEWENWILS website. Please have your model number (DIT101+ DWLS01) and purchase information ready.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B0DNT627Y3

More documents and user manuals: **https://manuals.plus/**