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> Link2Home EM-WR1600B Motion Activated Outdoor LED Flood Light User Manual

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Model: EM-WR1600B

INTRODUCTION

This manual provides essential information for the safe installation, operation, and maintenance of your Link2Home EM-WR1600B Motion Activated Outdoor LED Flood Light. Please read these instructions thoroughly before installation and retain them for future reference.

The Link2Home EM-WR1600B is a hardwired, motion-sensing LED floodlight designed for outdoor use. It provides 1600 lumens of 6500K cool white light, offering security and illumination for areas such as driveways, garages, and backyards. Its motion sensor detects activity up to 30 feet away within a 180-degree range, activating the light for a user-defined duration.

SAFETY INFORMATION

WARNING: Risk of electric shock. Disconnect power at the fuse or circuit breaker before installation or servicing.

- Installation must be performed by a qualified electrician or a person with electrical experience.
- Ensure the supply voltage is 120V AC, 60Hz.
- Do not connect to a dimmer switch. This product is designed for use with a non-dimmable wall light switch.
- Mount the fixture securely to a wall or solid surface.
- Do not attempt to modify the product. Any modifications may void the warranty and create safety hazards.
- Keep children away from the installation area.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Link2Home EM-WR1600B Motion Activated Outdoor LED Flood Light
- Mounting Hardware
- Remote Control

PRODUCT FEATURES

- **Super Bright Illumination:** 1600 Lumen output for effective outdoor lighting.
- **Motion Sensing:** Detects movement up to 30 feet away with a 180-degree coverage area.
- **Adjustable Settings:** Customize illumination time (3 seconds to 7 minutes), light sensitivity (LUX), and motion detection zone (SENS).
- **Weather Resistant:** Constructed with durable, waterproof materials for outdoor use in various weather conditions.
- **Easy Installation:** Features an easy-mount quick connect system for wall mounting.
- **Adjustable Light Head:** Multi-position head can be adjusted to direct light as needed.



Image: The Link2Home EM-WR1600B flood light highlighting its key features: 180-degree motion sensor with a maximum range of 30 feet, 1600 lumens brightness, water resistance, adjustable run time from 3 seconds to 7 minutes, and a LUX setting of 2.

SETUP AND INSTALLATION

Follow these steps for safe and proper installation of your flood light. Ensure power is disconnected at the circuit breaker before proceeding.

1. **Prepare the Mounting Surface:** Choose a suitable wall or solid surface for mounting. Ensure the location allows for optimal motion detection and light coverage.
2. **Mount the Fixture:** Use the provided mounting hardware to securely attach the flood light to the chosen surface. The quick connect system simplifies this process. Refer to the diagram below for typical mounting orientation.
3. **Wire the Fixture:** Connect the flood light's wiring to your home's electrical system. This is a hardwired unit and should be connected to a non-dimmable wall light switch. Follow local electrical codes and safety guidelines. Typically, connect the black wire from the fixture to the black (live) wire from the supply, the white wire from the fixture to the white (neutral) wire from the supply, and the green/bare copper wire from the fixture to the green/bare copper (ground) wire from the supply.
4. **Secure Connections:** Ensure all wire connections are secure and properly insulated.
5. **Adjust Light Head:** Once mounted, adjust the multi-position light head to direct the illumination to your desired area.
6. **Restore Power:** After installation is complete and all connections are secure, restore power at the circuit breaker.



Image: A side view of the Link2Home EM-WR1600B flood light, illustrating its adjustable light head and motion sensor for flexible positioning during installation.



Image: The Link2Home EM-WR1600B flood light securely installed on a brick wall during daylight hours, demonstrating its compact and integrated design.

OPERATING INSTRUCTIONS

The Link2Home EM-WR1600B features adjustable settings for optimal performance. These settings are typically located on the motion sensor unit.

- **TIME Setting:** This dial controls how long the light remains on after motion is detected and stops. You can adjust the illumination time from approximately 3 seconds to 7 minutes. Turn the dial clockwise to increase the duration and counter-clockwise to decrease it.
- **SENS Setting:** This dial adjusts the sensitivity of the motion sensor, controlling the detection range. Maximize the setting for a wider detection zone (up to 30 feet) or minimize it for a smaller area.
- **LUX Setting:** This dial determines the ambient light level at which the motion sensor will activate the light. Set it to a lower LUX value (e.g., 2 Lux) for the light to only turn on in darker conditions, or to a higher value for activation in brighter conditions.

Experiment with these settings to find the ideal configuration for your specific outdoor environment.



Image: The Link2Home EM-WR1600B flood light actively illuminating a pathway and surrounding outdoor area at night, demonstrating its effective light output and coverage.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your flood light.

- **Cleaning:** Periodically clean the light fixture and motion sensor lens with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the finish or sensor.
- **Inspection:** Annually inspect the wiring and mounting hardware for any signs of wear, damage, or loosening. Tighten any loose screws and replace damaged components if necessary.
- **Weather Resistance:** The fixture is designed to be weather resistant. Ensure all seals and covers are intact to maintain its waterproof integrity.



Image: The Link2Home EM-WR1600B flood light enduring rainfall, illustrating its weather-resistant construction suitable for outdoor environments.

TROUBLESHOOTING

If your flood light is not functioning as expected, refer to the following common issues and solutions:

- **Light does not turn on:**

- Check if the power supply is connected and the circuit breaker is on.
- Verify the LUX setting. If it's set too high, the light may not activate in dim conditions.
- Ensure the motion sensor is not obstructed.
- Test the light during different times of day to rule out ambient light interference.

- **Light stays on continuously:**

- Check the TIME setting. If set to maximum, it will stay on longer.
- Ensure there is no continuous motion within the sensor's detection range (e.g., moving branches, traffic).
- Verify the SENS setting. Reduce sensitivity if the light is being triggered by distant or minor

movements.

- **Motion sensor range is too short or too long:**

- Adjust the SENS dial to increase or decrease the detection range.
- Ensure the sensor is not obstructed and is positioned correctly for the desired coverage area.

If issues persist after troubleshooting, contact customer support.

SPECIFICATIONS

Feature	Specification
Model Number	EM-WR1600B
Brand	Link2Home
Light Source	Integrated LED
Brightness	1600 Lumens
Color Temperature	6500 Kelvin (Cool White)
Power Source	AC Hardwired
Voltage	120 Volts
Wattage	100 watts
Motion Sensor Range	Up to 30 feet
Motion Sensor Angle	180 degrees
Adjustable Run Time	3 seconds to 7 minutes
Indoor/Outdoor Usage	Outdoor
Material	Plastic
Water Resistance Level	Waterproof
Item Weight	2.3 Pounds

WARRANTY AND SUPPORT

This Link2Home product is covered by a **12-month warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or any questions regarding your product, please contact Link2Home customer service. Keep your purchase receipt as proof of purchase.

Contact Information:

Please refer to the Link2Home official website or your purchase documentation for the most current customer support contact details.

