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› Dual-Lite HCXURWRC12 LED Exit Sign & Emergency Light Combo User Manual

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Model: HCXURWRC12

1. INTRODUCTION

1.1 Product Overview

The Dual-Lite HCXURWRC12 is a combination LED exit sign with emergency fully-adjustable MR16 halogen lamps. This unit is designed for reliable emergency illumination and clear exit path indication. It features an innovative snap-together design for optimized installation time and can be used for single or double face applications with an additional faceplate. The precision-molded housing is white, corrosion-proof, scratch and impact resistant, and designed to prevent discoloration. Four long-life red LEDs provide optimum exit sign illumination. This model includes a remote capacity option and comes with a canopy and universal mounting plate for end, ceiling, or wall mounting.

1.2 Safety Instructions

WARNING: Risk of electric shock. Disconnect power before installation or servicing.

- Read all instructions before installation.
- Ensure all wiring connections comply with local codes and ordinances.
- Do not mount near gas or electric heaters.
- Equipment should be mounted in locations and at heights where it will not be readily subjected to tampering by unauthorized personnel.
- The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
- Do not use this equipment for other than its intended use.
- Servicing should be performed by qualified service personnel only.

2. SETUP AND INSTALLATION

The HCXURWRC12 features an innovative snap-together design to simplify installation.

2.1 Mounting Options

This unit supports multiple mounting configurations:

- **Wall Mount:** Attach directly to a wall surface.
- **Ceiling Mount:** Suspend from the ceiling using the provided canopy.
- **End Mount:** Mount from the end using the provided canopy.

A universal mounting plate and canopy are included for all mounting types.

2.2 Wiring

Connect the unit to the appropriate AC power source. Ensure the power is disconnected before making any wiring connections.

- The unit includes a transformer isolation feature.
- AC lockout prevents battery discharge during installation.
- Refer to the wiring diagram provided with the physical product for specific connections.

The unit has a 12W remote capacity, which includes lighting heads.

3. OPERATION

3.1 Initial Operation

Once installed and connected to AC power, the unit will begin charging its internal battery. The AC-ON indicator will illuminate, confirming power supply.

3.2 Testing the Unit

An external push-to-test switch is provided for periodic testing of the emergency lighting function.

1. Press and hold the push-to-test switch.
2. The emergency lights (MR16 halogen lamps) should illuminate, and the exit sign LEDs should remain lit.
3. Release the switch. The emergency lights should turn off, and the unit should return to charging mode.

Regular testing ensures the battery and lamps are functioning correctly for emergency situations.

3.3 Directional Chevrons

The exit sign features snap-in directional chevrons. These can be inserted or removed to indicate the direction of egress (left or right) as required by local codes and building layout.



Image: The Dual-Lite HCXURWRC12 unit, showing the red "EXIT" letters and the two adjustable MR16 halogen emergency lamps extending from the sides. The housing is white.

4. MAINTENANCE

The Dual-Lite HCXURWRC12 is designed for low maintenance. However, periodic checks are recommended to ensure optimal performance.

- **Battery:** The battery recharge time is within UL specifications. The unit features temperature compensated charger circuitry to prolong battery life. Replace the battery when it no longer holds a charge during testing.
- **Lamps:** The MR16 Halogen lamps have a rated 200-hour life. Replace lamps as needed.
- **Cleaning:** Clean the exterior housing with a soft, damp cloth. Do not use abrasive cleaners.
- **Inspection:** Periodically inspect the unit for any physical damage or discoloration.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not illuminate during test.	No AC power; Discharged battery; Faulty lamps.	Check AC power supply; Allow battery to charge (24 hours minimum); Replace lamps.
AC-ON indicator is off.	No AC power; Loose wiring connection.	Verify AC power supply; Check wiring connections.
Emergency lights dim or short duration.	Battery not fully charged; Aging battery.	Allow battery to charge for 24 hours; Replace battery.

If troubleshooting steps do not resolve the issue, contact qualified service personnel.

6. SPECIFICATIONS

- **Model:** HCXURWRC12
- **Brand:** Dual-Lite
- **Type:** LED Exit Sign & Emergency Light Combo
- **Exit Sign Letters:** 6" height, 3/4" stroke, Red LEDs
- **Emergency Lamps:** Fully-adjustable MR16 Halogen, 200-hour rated life
- **Remote Capacity:** 12W (includes lighting heads)
- **Housing Material:** Plastic (corrosion-proof, scratch and impact resistant)
- **Color:** White
- **Mounting:** Wall, Ceiling, End (universal mounting plate and canopy included)
- **Features:** External push-to-test switch, AC-ON indicator, Snap-in directional chevrons, Low voltage disconnect, Transformer isolation, AC lockout, Temperature compensated charger circuitry.
- **Weight:** Approximately 9.7 pounds
- **Compliances:** UL 924 Listed, NFPA 70, NFPA 101
- **UPC:** 782520861216

7. WARRANTY AND SUPPORT

7.1 Warranty Information

Specific warranty details are typically provided with the product packaging or can be obtained from the manufacturer's official website. Dual-Lite is a subsidiary of Hubbell Lighting.

For warranty claims or detailed warranty terms, please refer to the documentation included with your purchase or visit the [Dual-Lite website](#).

7.2 Customer Support

For technical assistance, replacement parts, or further inquiries, please contact Dual-Lite customer support. Contact information can usually be found on the manufacturer's website or product packaging.

When contacting support, please have your model number (HCXURWRC12) and purchase information readily available.

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