**UX EXIT Series, LED, Self-Powered, Self-Diagnostic Universal Mounting, Wall, Ceiling, and End Mount**

**NEMA type 4X and IP66 rated Enclosure: Raintight, Watertight and Corrosion Resistant. NSF - Splash Zone Rated. Suitable for Wet Locations. Suitable for Floor Proximity Installation. For use in -45ºC (-49ºF) minimum, +60ºC (140ºF) Maximum Ambient.**

**Important Safeguards** - When using electrical equipment, basic safety precautions should always be observed including the following:

1. **READ AND FOLLOW ALL SAFETY INSTRUCTIONS.**
2. Do not mount near gas or electric heaters.
3. Equipment should be mounted in locations and at heights where it will not readily be subjected to tampering by unauthorized personnel.
4. The use of accessory equipment not recommended by Cooper Crouse-Hinds may cause an unsafe condition.
5. Do not use this equipment for anything other than its intended purpose.
6. Qualified personnel should perform servicing of any parts or replacement and proper disposal of the battery.
7. **SAVE THESE INSTRUCTIONS**

**MAINTENANCE:** None required. The unit is self-testing and self diagnostic. It will automatically test itself and indicate if the battery or circuit board needs to be replaced. Accurate monthly records of status of the diagnostic LED indicator should be kept.

**NOTE:** Qualified service personnel should perform servicing of any parts. ONLY use replacement parts supplied by Cooper Crouse-Hinds. For replacement transformer, battery, or LED display PC board, see the fixture label.

**OPERATION:** The diagnostic LED indicator near the test switch indicates status of the unit. If the unit is operating under battery power (either in the emergency mode or a battery capacity test) the indicator will turn off. When the unit is fully charged and in a float charge condition, the indicator will be on steady. If the unit is fast charging the LED will blink. If the battery has failed a capacity test by becoming over discharged during the test, or if the battery is not connected after 15 minutes of operation, the LED will double blink then repeat the double blink.

The unit will automatically test the battery capacity every thirty days for 30 seconds. It will perform a full battery capacity test for 90 minutes, randomly within each 6-month period. The unit continuously monitors the LED display and the condition of the circuit board. If a circuit failure occurs that turns off the EXIT display, or the battery charger circuit fails, then a circuit failure will be indicated by the indicator blinking three times. If 50% or more of the lamps in the EXIT display fail, the diagnostic LED will indicate a lamp failure by blinking four times.

When the unit is first turned on under AC power, the unit will fast charge for the first 24 hours. The emergency mode can be manually tested for 30 seconds by momentarily pressing the **TEST SWITCH.** Also it can be tested by aiming a Laser Pointer at the **PHOTOCELL** labeled **LASER TEST** on the bottom of the **SHIELD.** Operation under battery power can be tested in this way at any time, however it is recommended that the test be performed only when the unit is in the float charge condition. While the battery power will be used when the test button is pressed, it will only test the battery capacity when it is fully charged in the float charge condition. This feature prevents the unit from indicating a false battery capacity failure which could happen if the battery is not fully charged and its capacity is tested.

**TROUBLE SHOOTING HINTS:** LED DISPLAY DOES NOT COME ON OR DIAGNOSTIC INDICATOR OUT BEFORE TEST.

Check AC supply be sure unit has 24 hour AC supply.

Unit is shorted or battery is not connected. Note: If battery was disconnected and unit is indicating battery failure, you will need to disconnect the battery connector and AC supply to reset the unit.

Battery discharged, permit unit to charge for 24 hours and then re-test. If following the above trouble shooting hints does not solve your problem, contact your local Sure-Lites Representative or the factory for assistance.

**BATTERY REPLACEMENT**

**STEP 1** When a failed battery is replaced, first turn off AC supply to the unit.

**STEP 2** Remove Shield then pry off stencil by inserting a screwdriver in the notch along the edge.

**STEP 3** Plug in the new battery into the the LED display PC board.

**STEP 4** Energize AC supply, LED display will come on. Allow 24-hour recharge time after installation or power failure for testing.

**WARNING**

Risk of Fire/Electric shock. If not qualified, consult an electrician.

**MISE EN GARDE**

Risque d’incendie/ de choc electrique. Contacter un electricien si vous n’etes pas qualifie.’

**PRECAUCION**

Riego de incendio/Desarga Electrica. Sino esta calificado, consulte a un electricista.
CEILING, Wall or END MOUNT INSTALLATION

STEP 1 De-energize the circuit at the recess junction box (J-box) where the exit sign is to be installed.

STEP 2 Extend unswitched 24-hour AC supply of rated voltage from the junction box.

STEP 3 Remove EXIT STENCIL from FRAME by prying up on the notches along the edge.

STEP 4 For WALL mounting, knock out the appropriate mounting pattern on the MOUNTING BASE to fit the J-box being used. Also, the (2) 3/8" Dia. mounting holes to be utilized for installation and proper seal of the BACK GASKET. Route wires through the center wire access hole or knockout 7/8 dia. K.O. on inside top, left or right side locations. Use 1/2" liquid tight type fittings for sealing against moisture.

For CEILING or END mounting, knock out or drill out the appropriate holes for mounting to the CANOPY. Remove the inner GASKETS for use with the CANOPY and the JUNCTION BOX BRACKET. Attach the GASKETS and mount the BRACKET and CANOPY to the J-Box with (4) Screws. Mount the FRAME securely to the CANOPY with (2) SCREWS 1/4"-20 UNC x 1" Long and WASHERS. Route wires through the FRAME wire access hole.

STEP 5 Connect power supply in accordance with local codes. Wire connections as follows: 120V Line to Black lead; Neutral to white lead. Cap unused line leads.

STEP 6 Insert the wires into appropriate push in connector located on the TRANSFORMER in the EXIT STENCIL.

STEP 7 Route the wires neatly around the EXIT STENCIL wire retaining clips. Push and snap-in the EXIT STENCIL into the FRAME. Check installation by checking the EXIT STENCIL ensuring that it is flush mounted on to the FRAME and that the wires are routed properly around the EXIT STENCIL.

STEP 8 Check the “O” RING in the FRAME, ensuring it is clean from dirt. Mount the SHIELD on to the FRAME. With the SCREWS and “O” RINGS provided, check to see that one “O” RING is under the SCREW HEAD and one “O” RING is holding the screw on the inside of the SHIELD. Tighten the SCREWS on the SHIELD securely, do not overtighten. Push down on the SHIELD to ensure they are sealed properly against the FRAME “O” RING.

STEP 9 Energize AC supply LED display will illuminate. Allow 24-hour recharge time after installation for testing.

WALL MOUNT

END MOUNT