

Installation Instructions

URGENT: READ PRIOR TO ATTEMPTING INSTALLATION

NEX-710 LED - Combination LED WET Location Exit Sign with Battery Backup

IMPORTANT SAFEGUARDS. READ AND FOLLOW ALL SAFETY INSTRUCTIONS

When using electrical equipment, basic safety precautions should always be followed including the following:

- Do not mount near gas or the electric heaters.
- Equipment should be mounted in location and at heights where it will not readily be subjected to tampering by unauthorized.
- The use of accessory equipment parts not recommended by the manufacturer may cause an unsafe condition.
- Do not use this equipment for other than its intended purpose.
- Do not connect equipment to any other voltage except the AC voltage rating of this equipment is specified on the product label.
- All servicing should be performed by qualified personal only.
- Always turn off AC supply to the equipment before servicing should be performed only by a qualified service technician.

INSTALLATION

1. The provided (4) mounting screws and (4) anchors are for mounting the equipment securely in place (figure1). First, use electric drill or similar machines to make locating holes to surfaces for such as STUCCO, or similar surfaces. Then hit anchors in those holes. Connecting (4) screws to (4) anchors are for mounting the body of the equipment on the surface.
2. Extend 24 hours AC supply of rated voltage to the equipment. Dual voltage 120/277 VAC selectable input. (see figure 3). Connect unit to utility power using an approved seal tight or NEMA 4 X connector. The unit should be DRILLED for the connector in the proper location as it relates to the location of the entry point of the power feed coming into the unit. There are various places inside the unit that are suitable for this incoming power location (figure 2).
For 120V supply connect the line wire to the black lead, for 277V supply, connect the line wire to the orange lead, connect Neutral wire to the white lead, connect Ground wire in accordance with local codes. A green ground Lead is provided.**DO NOT** electrify at this time.
CAUTION: Insulate the unused black or orange wire, failure to insulate the unused wire will cause an unsafe condition.
3. Connect battery wires. The equipment is supplied with battery (Lead-Calcium) lead on the circuit board. Connect the female terminal to the negative terminal on the battery already, only should connect the male terminal to the positive terminal on the battery.
4. Energize the AC supply. The power on LED indicator light will illuminate.
5. The clear cover unit is attached to the body with molded plastic screws and screw - on them.
6. Adjust and focus the lighting heads as required.

OPERATION

1. Depress the TEST switch. To test the equipment, the LED indicator light will go on, the emergency lights and LED lights will illuminate.
2. Release the TEST switch. The emergency lights will go out and the LED indicator light will illuminate. The LED lights will continue to illuminate.
3. The automatic charge circuit return and maintain the battery in a fully charged state.
4. Always turn off AC supply before if connect remote lights as required to equipment. Check finished connecting correctly to turn on AC supply and depress the TEST to test.

NOTES:

1. Allow the battery to charge for 24 hours after installation finished or power failure before conducting a 90 minute test.
2. The emergency lights do not operate
 - a. If the power LED indicator light is off: Check that the circuit board for AC supply is on.
 - b. If the power LED indicator light is on: Check that battery is properly connected.
 - c. If the emergency lights are dim in battery not fully charged. Allow the battery to recharge for 24 hours and then test. If problem persists, replace battery.

SAVE THESE INSTRUCTIONS

INSTALLATION SHOULD BE CARRIED OUT BY YOUR LOCAL ELECTRICIAN.



