

Installation Instructions

NX-504-LED

LED Exit Sign with Emergency Circuit

READ PRIOR TO ATTEMPTING INSTALLATION
ALWAYS TURN OFF MAIN POWER BEFORE INSTALLATION
INSTALLATION SHOULD BE CARRIED OUT BY YOUR LOCAL ELECTRICIAN

⚠ IMPORTANT - This equipment is intended to be installed only by qualified personnel. The installation must be made in accordance with the current edition of the National Electrical Code and all applicable state and local building codes. The final installation must be approved by the appropriate, qualified electrical/building inspector(s). Improper installation may result in a fire or electrical hazard. Be sure the electrical power to the circuit has been disconnected before installing this electrical system.

⚠ IMPORTANT - Cet équipement est destiné à être installé uniquement par du personnel qualifié. L'installation doit être faite conformément à l'édition actuelle du Code national de l'électricité et à tous les codes de construction locaux et nationaux applicables. L'installation finale doit être approuvée par un ou plusieurs inspecteurs qualifiés en électricité / bâtiment. Une installation incorrecte peut entraîner un incendie ou un risque électrique. Assurez-vous que l'alimentation électrique du circuit a été déconnectée avant d'installer ce système électrique.

IMPORTANT SAFEGUARDS:

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

1. Review the diagrams thoroughly before beginning. If you feel you do not have electrical wiring experience, refer to do-it-yourself wiring handbook or have your fixture installed by a qualified licensed electrician.
2. All electrical connections must be in accordance with local codes, ordinances, and the National Electric Code. If you are unfamiliar with these methods of installing electrical wiring, refer to the services of a qualified licensed electrician.
3. Before starting the installation, disconnect the power by turning off the circuit breaker or by removing the appropriate fuse at the fuse box. Turning the power off using the light switch is not sufficient to prevent electrical shock.
4. Do not use outdoors.
5. Do not let the power supply cords touch hot surfaces.
6. Do not mount near gas or electric heaters.
7. Use caution when servicing batteries. Battery acid can cause burns to skin and eyes. If acid is spilled on skin or in eyes, flush acid with fresh water and contact a physician immediately.
8. Equipment should be mounted in a location and at a height where it will not readily be subject to tampering by unauthorized personnel.
9. The use of accessory equipment that is not recommended by the manufacturer may cause an unsafe condition.
10. Do not use this equipment for other than intended use.
11. All servicing should be performed by qualified personnel only.
12. Allow battery to charge for 24 hours before first use.

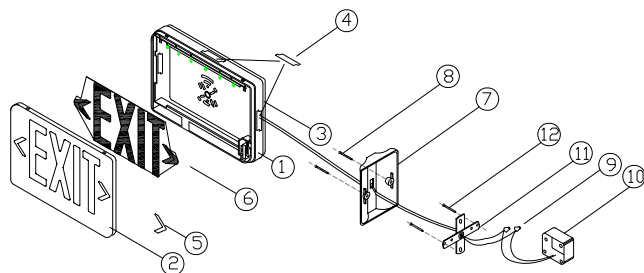
SIDE MOUNTING:

1. 1. Attach crossbar (11) to junction box (10).
2. 2. Feed lamp leads through side hole, making sure to secure wire into wire guides found at the edges of the sign.
3. 3. Attach sign to canopy (7) by inserting canopy into sign at an angle, then twist to secure.
4. 4. Make the proper lamp lead connections. If using 120VAC, connect the black and white leads to the building utility. If using 277VAC, connect orange and white leads to the building utility. In all cases use standard wire nuts in connection of the leads. (See Wiring Diagram).(In attaching wires you may use the enclosed "holding wire" (13) for assistance. See Diagram).
5. 5. Push excess wire into junction box and secure back plate (3) to junction box (10). Then align holes in canopy with those in crossbar (11). Using screws and washers supplied, tighten canopy to crossbar so that canopy is securely fastened and tight against wall.
6. 6. Snap in arrows (5) to EXIT panel (2) as required, storing unused arrows in a safe place. Snap supplied covers(4) into ceiling mounting hole. The snap EXIT panel (2) to housing top first and then bottom.

CEILING MOUNTING:

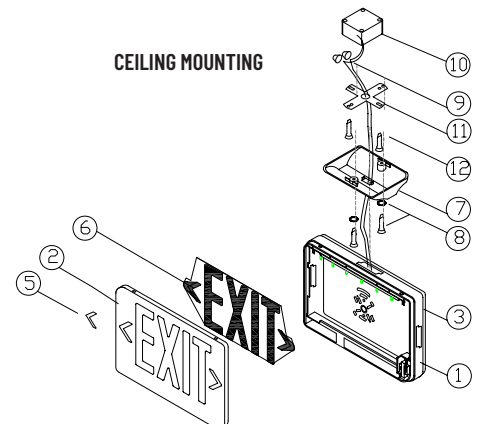
1. 1. Attach crossbar (11) to junction box (10).
2. 2. Feed lamp leads through top hole, making sure to secure wire into wire guides found at the edges of the sign.
3. 3. Attach sign to canopy (7) by inserting canopy into sign at an angle, then twist to secure.
4. 4. Make the proper lamp lead connections. If using 120VAC, connect the black and white leads to the building utility. If using 277VAC, connect orange and white leads to the building utility. In all cases use standard wire nuts in connection of the leads. (See Wiring Diagram). (In attaching wires you may use the enclosed "holding wire" (13) for assistance. See Diagram.)
5. 5. Push excess wire into junction box and then align holes in canopy with those in crossbar. Using screws and washers supplied, tighten canopy to crossbar so that canopy is securely fastened and tight against ceiling.
6. 6. Snap in arrows (5) to EXIT panel (2) as required, storing unused arrows in a safe place. Snap covers (4) to side mounting hole. Then snap EXIT panel (2) to housing top first and then bottom.

SIDE MOUNTING



1. Plastic housing
2. EXIT panel
3. Back plate
4. Mounting hole cover
5. Snap-in directional arrow
6. Red or green diffuser
7. Canopy
8. Canopy screws
9. Wire nuts
10. Junction box (building utility)
11. Crossbar
12. Crossbar screws (not provided)
13. Holding wire

CEILING MOUNTING



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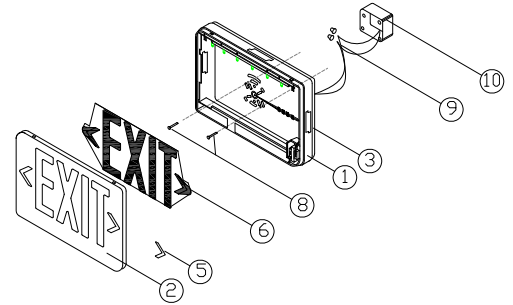
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BACK MOUNTING:

1. Drill 3/8" hole into the center hole of back plate(3). (recommended) Drill 1/4" holes into oblong holes on back plate (3) that correspond to junction box (10) being used.
2. Feed lamp leads through center hole and make the proper connections. If using 120VAC, connect the black and white leads to the building utility. If using 277VAC, connect orange and white leads to the building utility. In all cases use standard wire nuts in connection of the leads. (See Wiring Diagram)
3. Feed excess wire into junction box and secure back plate (3) to junction box (10).
4. Snap in arrows (5) to SALIDA panel (2) as required , storing unused arrows in a safe place. Snap supplied cover (4) into ceiling and side mounting holes. Then snap SALIDA panel (2) to housing top first and then bottom.

BACK MOUNTING

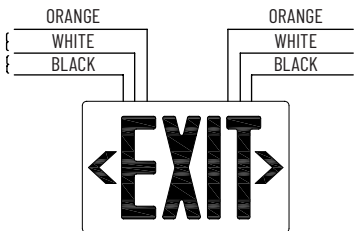


WIRING DIAGRAM

(EMERGENCY)

(FOR GENERATOR)

277VAC INPUT
120VAC INPUT



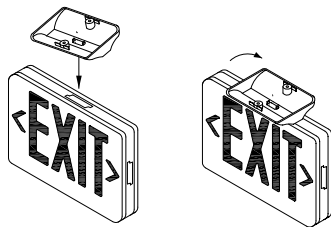
(NORMAL)

277VAC INPUT
120VAC INPUT

(FOR MAIN AC POWER)

ASSEMBLING CANOPY + HOUSING

Insert canopy into housing at a 20 degree angle and twist. Quick snap is now locked firmly.



CAUTION

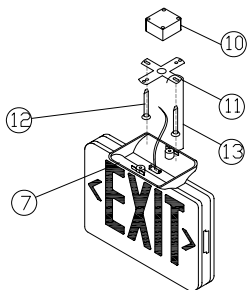
Trying to remove canopy after it is locked in place may cause damage.

OPENING EXIT PANEL

When opening EXIT panel, please insert screw driver into the slots at the bottom. Then push down smoothly.



USING HOLDING WIRE



HANDS FREE HOLDING WIRE SUPPORTS SIGN DURING WIRING.

- 7. Canopy
- 10. Junction box (building utility)
- 11. Crossbar
- 12. Crossbar screws
- 13. Holding wire