

INSTALLATION INSTRUCTIONS FOR NEW YORK APPROVED SURFACE MOUNT EDGE-LIT LED EXIT SIGN (BATTERY BACKUP)

IMPORTANT SAFEGUARDS: When using electrical equipment, always adhere to basic safety precautions including the following:

The battery in this unit may not be fully charged. After electricity is connected to unit, let battery charge for at least 24 hours, then normal operation of this unit should take effect.

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

1. Do not use outdoors.
2. Equipment should be mounted securely in locations and at heights where it will not be readily subjected to tampering by unauthorized personnel.
3. Do not mount near gas or electric heaters.
4. Cap unused wires with enclosed wire nuts or other approved method.
5. Do not use this equipment for anything other than its intended use.
6. The use of accessory equipment not recommended by the manufacturer will void product listing and warranty and may cause an unsafe condition.
7. Disconnect AC power before servicing and installation.
8. Use caution when servicing batteries.
9. Any service on this equipment should be performed by qualified personnel only.
10. Make sure wire terminations are secure and leads are properly tucked in appropriate wire channels.

INSTALLATION INSTRUCTIONS

Choose mounting configuration (end, top or back mount). Plug remaining holes with the appropriate color plugs.

1. Secure canopy bracket to ceiling or wall.
2. Open the housing cover.
3. Secure housing and canopy with screws (see mounting configuration).
4. Feed the AC input leads (red, black, white) through the housing and canopy's center hole. Connect AC input leads to AC power supply leads. Connect the red lead to a 277VAC power supply or the black lead to a 120VAC power supply and the white lead to neutral.
5. Secure canopy into canopy bracket with 1-1/2" long #8-32 screws, then insert battery terminal wire into two-pin male connector.
6. Connect battery only after continuous AC power can be provided to the unit.
7. Snap housing cover into place.
8. Apply chevron directional indicators as required. Remove application templates when finished.

End Mount

1. Secure canopy to end plate of fixture using mounting holes C and E with (2) 3/4" #10-24 screws (included).
2. Run connection wires through large hole between mounting holes C and D.
3. Make electrical connections and mount canopy to junction box (or spider plate if required) using the two recessed mounting holes and (2) 1-1/2" #8-32 screws (included).

Top Mount

1. Secure canopy to top of fixture using mounting hole A with 3/4" #8-32 screw and hex nut, and 1/2" center hole (between mounting holes B and C) with threaded nipple and hex nuts (included).
2. Run connection wires through threaded nipple.
3. Make electrical connections and mount canopy to junction box (or spider plate if required) using the two recessed mounting holes and (2) 1-1/2" #8-32 screws (included).

Back Mount

1. Mount canopy to junction box (or spider plate if required) using the two recessed mounting holes and (2) 1-1/2" #8-32 screws.
2. Run connection wires through large hole in center of canopy.
3. Secure fixture to canopy with (2) 3/4" #10-24 screws (included) by going directly into mounting holes A and C.
4. Make electrical connections.



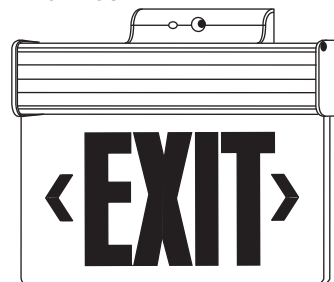
END MOUNT



TOP MOUNT



BACK MOUNT

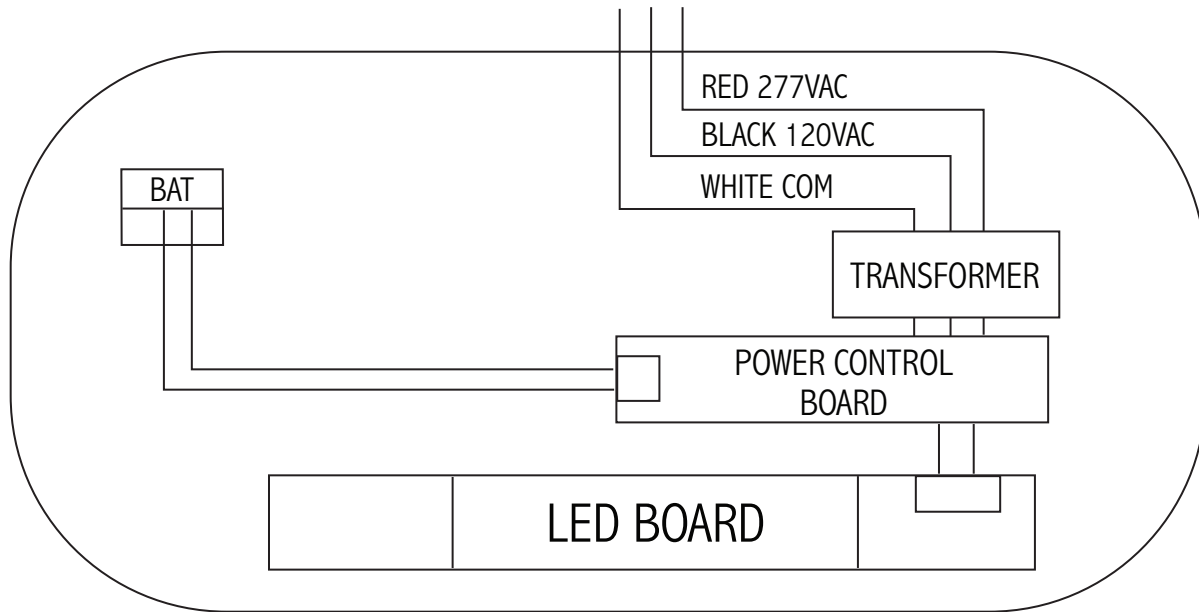


INSTALLATION INSTRUCTIONS FOR NEW YORK APPROVED SURFACE MOUNT EDGE-LIT LED EXIT SIGN (BATTERY BACKUP)

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

IMPORTANT SAFEGUARDS: When using electrical equipment, always adhere to basic safety precautions.

WIRING DIAGRAM:



INSTALLATION INSTRUCTIONS FOR NEW YORK APPROVED RECESSED EDGE-LIT LED EXIT SIGN WITH BATTERY BACKUP

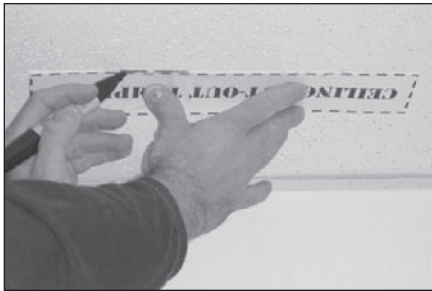


Figure A



Figure B



Figure C

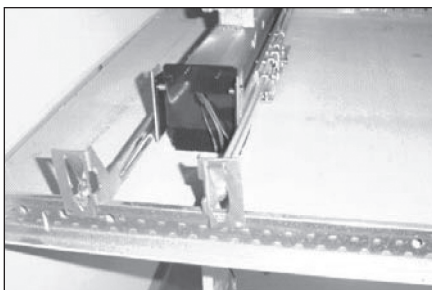


Figure D



Figure E

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

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

1. Do not use outdoors.
2. Do not let power supply cords touch hot surfaces.
3. Use caution when servicing batteries. Battery acid can cause burns to skin and eyes. If acid is spilled on skin or eyes, flush with fresh water and contact a physician immediately.
4. Do not mount near gas or electric heaters.
5. Equipment should be mounted in locations and at heights where it will not be subject to tampering by unauthorized personnel.
6. The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
7. Any modification or use of non-original components will void the warranty and product liability.
8. Do not use this equipment for other than its intended use.
9. Servicing of this equipment should be performed by qualified service personnel only.

SAVE THESE INSTRUCTIONS!

PLEASE NOTE

This unit is for mounting in suspended type ceilings and other types of ceilings where access to above is available after installation and building finish is complete. Do not install this unit in finished drywall or other types of ceilings where there will be no access from above or below to the plenum area.

STEP ONE: Preparing the CEILING to ACCEPT the fixture and placing fixture in the ceiling

1. Determine the proper location for where the sign is going to be mounted. Remove cardboard template from the box and place against the ceiling tile or area of the ceiling where exit light is going to be installed and trace a line around the template (Figure A). This will be the area that is going to be cut out. You may want to do the cutting on the ground if possible.
2. Cut the rectangular hole out of the ceiling area (Figure B).
3. Remove trim plate and place entire unit down through the cut out hole (Figure C).
4. Seat the bar hangers in the T-Bar grid or mount them to the wood truss to secure the fixture in place (Figure D).
5. Make adjustments to the bar hanger holder bracket (Figure F) to bring the fixture into proper ceiling height alignment to accept the finish trim plate. This height is determined by making sure the finish plate screw holes are just slightly above the finished ceiling (Figure E). To make the adjustments, simply loosen the screws on the bar hanger holder bracket and adjust unit up or down to the proper position and then re-tighten the screws (Figure F).

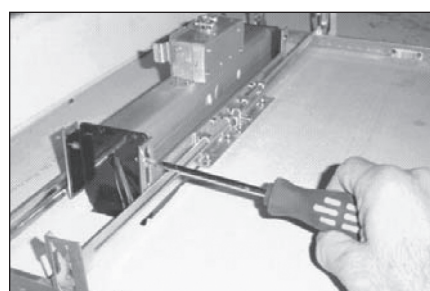


Figure F

INSTALLATION INSTRUCTIONS FOR NEW YORK APPROVED RECESSED EDGE-LIT LED EXIT SIGN WITH BATTERY BACKUP

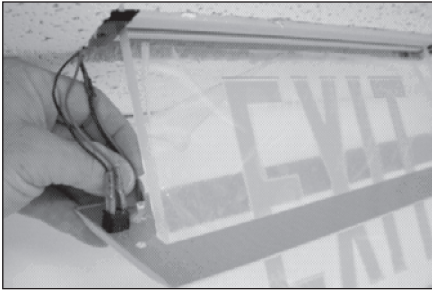


Figure G

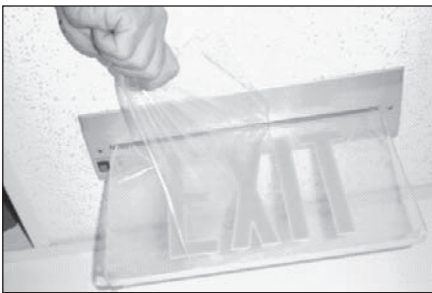


Figure H

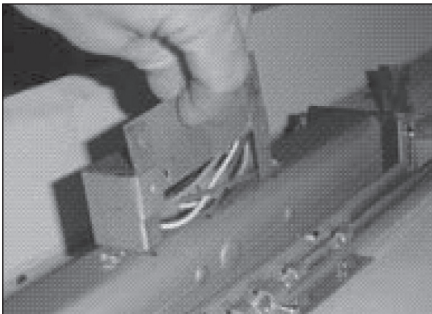


Figure J

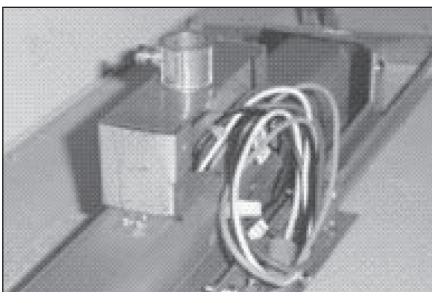


Figure K

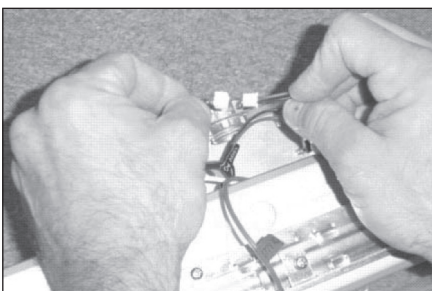


Figure L

6. Slide the trim plate through the EXIT PANEL and connect the two switch wires and place the LED indicator light inside the hole (Figure G). Screw the plate to the unit.
7. Remove the protective films from the exit panel (Figure H).

STEP TWO: Making the electrical connection

1. Remove the junction box cover on the top of the unit (Figure J).
2. Remove knock out and install conduit connector in the J-Box (Figure K).
3. Connect bi-pin plug for battery wires (Figure L). The unit will turn on at this point.
4. Make the proper electrical AC connection by bringing the supply wires into the J-Box and connecting them to the proper wires.
(120 Volt: use BLACK for HOT and WHITE for COMMON)
(277 Volt: use RED for HOT and WHITE for COMMON)
5. Replace J-Box cover (Figure J).

ELECTRICAL CONNECTIONS: WARNING

1. MAKE SURE THAT POWER IS OFF BEFORE MAKING ANY ELECTRICAL CONNECTIONS!
2. UNUSED WIRES MUST BE CAPPED USING ENCLOSED WIRE NUTS.

WHITE: Return for 120VAC or 277VAC wiring
BLACK: Hot lead for 120VAC wiring
RED/ORANGE: Hot lead for 277VAC wiring
GREEN: Equipment ground

INSTALLATION INSTRUCTIONS FOR NEW YORK APPROVED RECESSED EDGE-LIT LED EXIT SIGN (AC ONLY)

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

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2. Do not let power supply cords touch hot surfaces.
3. Use caution when servicing batteries. Battery acid can cause burns to skin and eyes. If acid is spilled on skin or eyes, flush with fresh water and contact a physician immediately.
4. Do not mount near gas or electric heaters.
5. Equipment should be mounted in locations and at heights where it will not be subject to tampering by unauthorized personnel.
6. The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
7. Any modification or use of non-original components will void the warranty and product liability.
8. Do not use this equipment for other than its intended use.
9. Servicing of this equipment should be performed by qualified service personnel only.

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PLEASE NOTE

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STEP ONE: Preparing the CEILING to ACCEPT the fixture and placing fixture in the ceiling

1. Determine the proper location for where the sign is going to be mounted. Remove cardboard template from the box and place against the ceiling tile or area of the ceiling where exit light is going to be installed and trace a line around the template (Figure A). This will be the area that is going to be cut out. You may want to do the cutting on the ground if possible.
2. Cut the rectangular hole out of the ceiling area (Figure B).
3. Remove trim plate and place entire unit down through the cut out hole (Figure C).
4. Seat the bar hangers in the T-Bar grid or mount them to the wood truss to secure the fixture in place (Figure D).
5. Make adjustments to the bar hanger holder bracket (Figure F) to bring the fixture into proper ceiling height alignment to accept the finish trim plate. This height is determined by making sure the finish plate screw holes are just slightly above the finished ceiling (Figure E). To make the adjustments, simply loosen the screws on the bar hanger holder bracket and adjust unit up or down to the proper position and then re-tighten the screws (Figure F).



Figure A



Figure B



Figure C

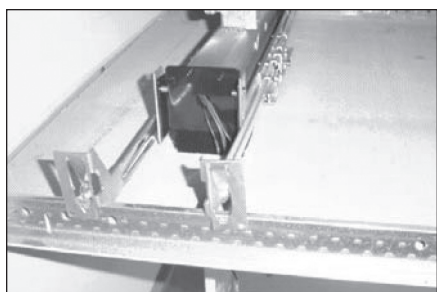


Figure D



Figure E

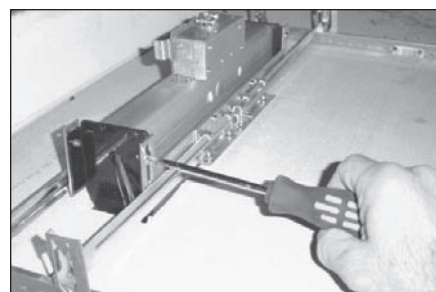


Figure F

INSTALLATION INSTRUCTIONS FOR NEW YORK APPROVED RECESSED EDGE-LIT LED EXIT SIGN—AC ONLY

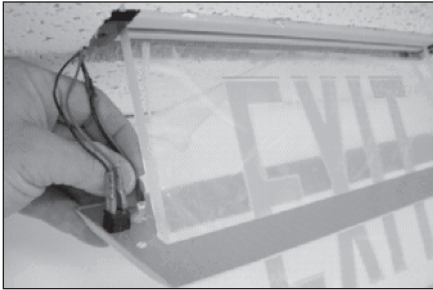


Figure G

6. Slide the trim plate through the EXIT PANEL and remount the LED indicator (Figure G). Screw the plate to the unit.
7. Remove the protective film from the exit panel (Figure H).

STEP TWO: Making the electrical connections

1. Remove the junction box cover on the top of the unit (Figure J).
2. Remove knock out and install conduit connector in the J-Box (Figure K).
3. Make the proper electrical AC connection by bringing the supply wires into the J-Box and connecting them to the proper wires.
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4. Replace J-Box cover (Figure J).

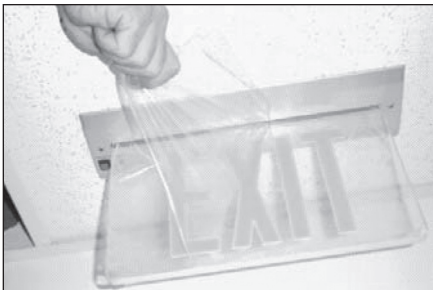


Figure H

ELECTRICAL CONNECTIONS: WARNING

1. MAKE SURE THAT POWER IS OFF BEFORE MAKING ANY ELECTRICAL CONNECTIONS!
2. UNUSED WIRES MUST BE CAPPED USING ENCLOSED WIRE NUTS.

WHITE: Return for 120VAC or 277VAC wiring

BLACK: Hot lead for 120VAC wiring

RED/ORANGE: Hot lead for 277VAC wiring

GREEN: Equipment ground

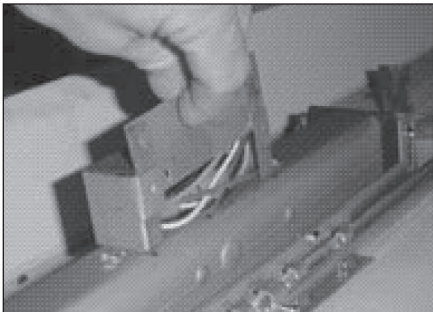


Figure J

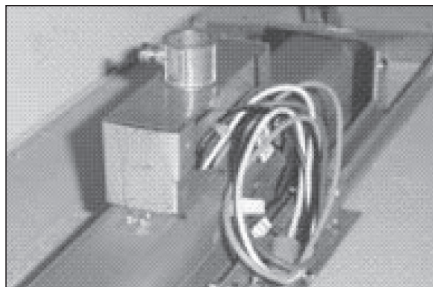


Figure K