

COMPACT WET LOCATION EXIT SIGN/COMBO

Installation Instructions



**THIS INSTALL MANUAL IS APPLICABLE FOR
MODEL NO : ESC-S-W**

SAFETY INFORMATION

IMPORTANT

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE NATIONAL ELECTRICAL CODE AND LOCAL BUILDING CODES BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

PRECAUTIONS

- Please read and understand this entire manual before attempting to assemble, install, or operate this light fixture.
- This light fixture requires a 120-277 Volt AC power source.
- Some codes require installation by a qualified electrician.
- This light fixture must be properly grounded.
- Make sure connections are secure using wire nuts, crimp-on lugs or other approved connecting devices
- Equipment should be mounted securely in locations and at heights where it will not be readily subjected to tampering by unauthorized personnel.



WARNING: Turn the power off at the circuit breaker or fuse. Place tape over the circuit breaker switch and verify power is off at the light fixture.



CAUTION: Burn hazard. Allow the light fixture to cool before touching.



NOTICE: FCC Regulations state that any unauthorized changes or modifications to this equipment not expressly approved by the manufacturer could void the user's authorization to operate this equipment.



INFORMATION: The device is tested and found to comply with Part 15 of the FCC Rules. Operation is subject to two conditions: (1) This device may not cause harmful interference and, (2) this device must accept any interference received, including any interference that may cause undesired operation. These limits are designed to provide reasonable protections against harmful interference when the equipment is operated in a commercial environment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

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E-Mail: info@medinahpower.com | **Web:** www.medinahpower.com | **Ph:** +1 (844) 870-5337

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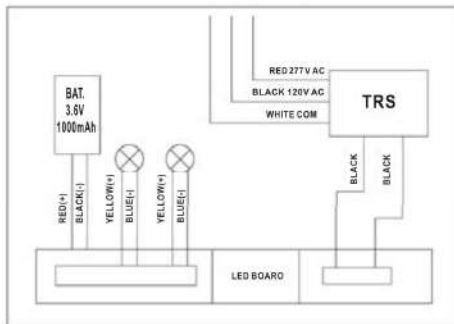


MAINTENANCE

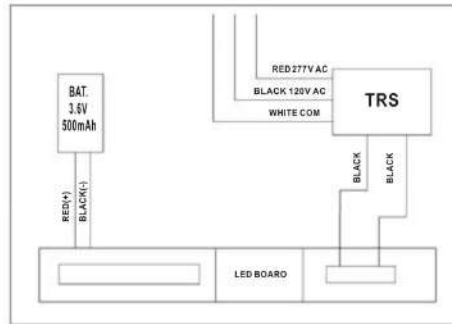
Caution: Always turn off AC power to the equipment before servicing. Servicing should be performed only by a qualified service technician. Use only MANUFACTURER supplied replacement parts.

BATTERY: The battery supplied with the EM model requires no maintenance. However, it should be tested. Periodically and replaced when it no longer operates the connected sign for the duration of a 30-second or 90-minute test. The battery supplied in this sign has a life expectancy of 5 years when used in a normal ambient temperature Of 72 F. NFPA 101(Life Safety Code) requires that all emergency lighting equipment be functionally tested every 30 days for a minimum of 30 seconds and tested annually for a full 90-minute duration. Written records of the testing are to be kept for examination by the authority having jurisdiction.

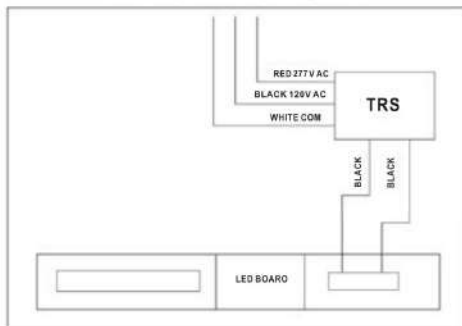
COMBO Wiring Diagram:



Exit Battery Wiring Diagram:



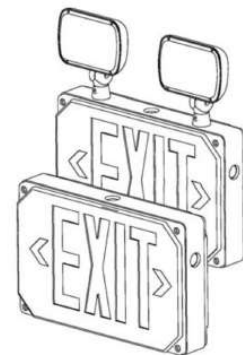
AC Only Wiring Diagram:



WARNING:

RISK OF ELECTRIC SHOCK-NEVER CONNECT TO, DISCONNECT FROM, OR SERVICE WHILE EQUIPMENT IS ENERGIZE.

WARNING: FAILURE TO FOLLOW THESE INSTRUCTIONS AND WARNINGS MAY RESULT IN DEATH, SERIOUS INJURY OR SIGNIFICANT PROPERTY DAMAGE
For your protection, read EXIT and follow these warnings and instructions carefully before installing or maintaining this equipment.



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INSTALLATION I:

1. These all services shall be performed by qualified service personnel. This product must be installed and maintained in accordance with the applicable installation codes by a person familiar with the construction operation of the product and the hazards involved.
2. This product must be installed in accordance with the applicable installation codes and ordinances
3. Before wiring the power supply, turn off electricity at the fuse or circuit breaker.
4. Disconnect A.C. power and unplug battery before servicing.
5. Consult your local building code for approved wiring and installation.
6. May be used outdoors under cover. 50 F - 104 F
7. Do not let the power supply cord touch hot surfaces.
8. Do not mount near a gas or electric heater.
9. Equipment should be mounted in locations and at heights where it will not readily be subjected to tampering by unauthorized personnel.
10. The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
11. Do not use this equipment for other than intended use.
12. The AC voltage rating of this equipment is specified on the product label. Do not connect equipment to any other voltage.

WALL MOUNT INSTALLATION

1. Use a flat head screwdriver to loosen the screws on the lens.
2. Remove lens from sign, set aside.
3. Remove EXIT stencil from housing, set aside.
4. Drill or knock out appropriate knockouts on the back plate to fit junction box mounting points.
5. Drill or knock out the center hole in the back plate for EXIT supply wire leads.
6. Remove backing from self adhesive junction box gasket and adhere to back plate.
7. Route EXIT input wires through the center hole of the back plate and make a wiring connection.
For 120V, use black and white wires and for 277V, use red and white wires.
8. Secure back plate to junction box (hardware not included).
9. Remove proper chevron(s) as required. When removing chevrons it may be helpful to remove the color diffuser panel to allow easier access to the chevrons. If removing the color diffuser panel it is important to remember to reinstall the diffuser panel once chevron(s) have been removed.
10. Connect battery to lamp board (battery backup models only)
11. Secure faceplate(s) to the housing
12. Secure lens to face plate and securely torque screws.
13. Apply continuous AC power and press "TEST" button to check operation.

CEILING OR END MOUNT INSTALLATION

1. Use a flat head screwdriver to loosen the screws on the lens.
2. Remove lens, from sign, set aside.
3. Remove EXIT stencil from housing, set aside. Drill a 3/4" hole through the desired mounting knockout located on the frame of the sign. For ceiling mount, knock out will be located on the top of the housing. For wall mount, knock out will be located on the side of the housing.
4. Using provided hardware, thread nut onto pipe nipple. Slide pipe nipple through canopy center hole.
5. Remove backing from self adhesive junction box gasket and adhere to back of mounting canopy. Remove backing from self adhesive pipe thread gasket and adhere to the front of the mounting canopy.
6. Place screws (provided) in holes on the canopy.
7. Route Exit input wires through knockout in EXIT frame pipe nut and metal mounting plate.
8. Make a wiring connection. For 120V, use black and white a wire and for 277V, use red and white wires.
WARNING: Properly insulate the unused lead with a wire nut (provided) or other approved means.
9. Push wire connections into the J-Box. Secure mounting plate to junction box (hardware not included).
10. Secure the canopy to the steel mounting plate with screws installed in step 7.
11. Place pipe nipple through the mounting hole of the housing to lock the canopy into place. Once Canopy is locked into position there will not be any side-to-side movement of the canopy.
12. Remove proper chevron(s) as required. When removing chevrons it may be helpful to remove the color Diffuser panel to allow easier access to the chevrons. If removing color diffuser panel it is important to Remember to reinstall the diffuser panel once chevron(s) have been removed.

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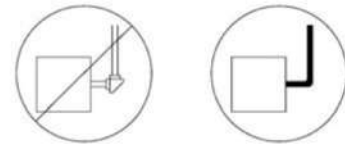


INSTALLATION I:

13. Connect battery to lamp board (battery backup models only).
14. Secure faceplate(s) to the housing.
15. Secure lens to face plate and securely to torque screws.
16. Apply continuous AC power and press "Test" button to check the operation.

CONDUIT ENTRY

1. Drill a 3/4" through the desired conduit entry Knockout located on the top or side of the Frame of the sign.
2. Route the AC input conduit into housing.
3. All conduit connections must use UL LISTED and SUITABLE FOR WET LOCATION parts.
4. To finish installation of EXIT sign, reference Wall, Ceiling or End Mount instructions.



FLEXIBLE CONDUIT ONLY!

OPERATION (BATTERY BACKUP)

1. Apply AC power to the unit. The LED indicator will be RED.
2. After the battery has been left to charge for 2 hours, test the unit by pushing the switch. The LED Indicator turns OFF and the LED board stays ON.
3. When the switch is released, the LED indicator turns back to RED and the LED board stays ON.