

## INSTALLATION INSTRUCTIONS



For use with:

ES2-RM1SC2B-3 | ES2-RM1SC2U-3

### WHAT'S IN THE BOX

- LED RUNNING MAN
- CANOPY KIT
- 3 PICTOGRAM INSERTS

### WHAT YOU'LL NEED

- SCREWDRIVER / POWER DRILL
- WIRE CUTTERS
- WIRING SUPPLIES AS PER ELECTRICAL CODE

### ATTENTION

#### Read and Follow All Safety Instructions:

- For Indoor use ONLY
- Do not let power cords touch hot surfaces.
- Do not install near gas or electric heaters.
- Use caution when servicing batteries. Battery acid can cause burns to skin and eyes. If acid is spilled on skin or eyes, flush acid with fresh water and contact a physician immediately.
- Equipment should be mounted in locations and at heights where unauthorized personnel will not readily subject it to tampering.
- The use of accessory equipment not recommended by manufacturer, may cause an unsafe condition, and will void the unit's warranty.
- Do not use this equipment for other than its intended purpose.
- Servicing of this equipment should be performed by qualified service personnel.

### IMPORTANT

Before assembling your running man sign, please make sure that you carefully read through this instruction sheet. This unit must be installed by a qualified licensed electrician.

This sign is suitable for use in the following locations: indoor, dry or damp locations.

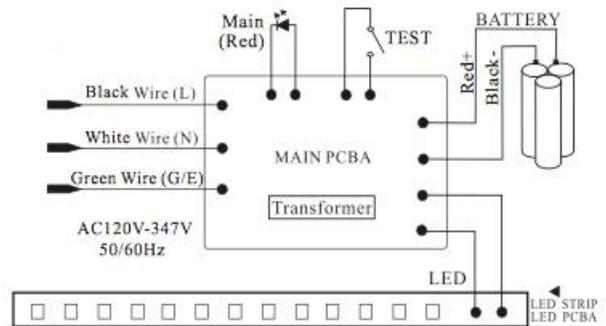
## RUNNING MAN OVERVIEW

This modern running man sign is constructed with a steel housing. Universal mounting pattern and keyhole slots are stamped on the back and conduit knockouts are provided on the sides of each unit.

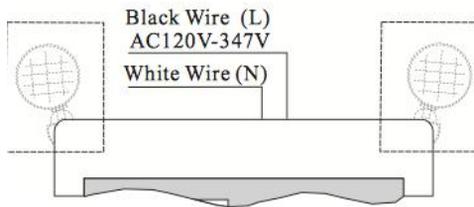
### Circuitry

Input Voltage	ES2-RM1SC2x-3
AC 120V 50/60Hz	Input Wattage: 3W
	Input Current: 0.024A
	Efficiency: 0.98P
AC277V 50/60Hz	Input Wattage: 3.5W
	Input Current: 0.014A
	Efficiency: 0.92P
AC347V 50/60Hz	Input Wattage: 4W
	Input Current: 0.017A
	Efficiency: 0.92P
Emergency UDC	6V-24V: 1.2W

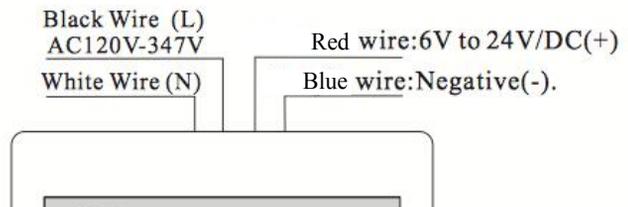
### Wiring Diagram



### BATTERY WIRING



### UDC Wiring Diagram



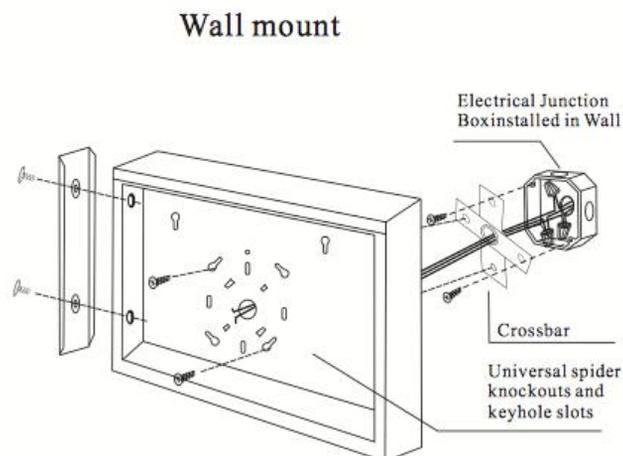
## TO WALL MOUNT THE RUNNING MAN

1. Extend the unswitched 24 hour AC supply of rated voltage to a junction box (supplied by others) installed in accordance with all applicable codes and standards. Leave a minimum of 8 inches of slack on the wire. This circuit should NOT be energized/live at this time.
2. Remove the faceplate, then remove and discard the canopy kit located inside the sign cavity.
3. For installation directly over on an electrical junction box, the sign is supplied with universal spider knockouts stamped into the backplate. Alternatively, conduit knockouts are stamped into the top and side for surface wire conduit connection. Knock out the appropriate holes and bring wires through the hole and outside the sign.
4. Mount the unit securely into place. Do not rely on the electrical connections as the only support for the unit; use supplied keyhole mounting slots.
5. Make proper wiring connections between the AC supply and the unit's transformer: White, Black -Line 120V-347 Volts; Green - Line Earth; (Fig.3). BROWN is provided instead of RED for special voltages (Fig. 4). Ensure to insulate unused wires. Connect ground to supplied green ground wire in accordance with local codes. Reassemble all wire connections and connectors.

### CAUTION:

Failure to insulate unused wire may result in a shock hazard or unsafe condition as well as equipment failure.

6. Secure all internal wires, then mount the sign securely into place.
7. Change the direction of the pictogram or replace it with another insert so that the running man points correctly towards exit (if required).



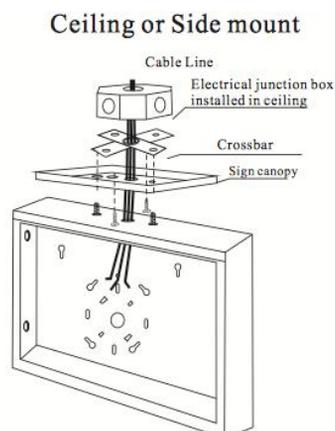
## TO CEILING OR FLAG MOUNT THE RUNNING MAN

1. Extend the unswitched 24 hour AC supply of rated voltage to a junction box (supplied by others) installed in accordance with all applicable codes and standards. Leave a minimum of 8 inches of slack on the wire. This circuit should NOT be energized/live at this time.
2. Remove the faceplate, then remove but do not discard the canopy kit located inside the sign cavity.
3. If a double faced sign is required, remove the backplate and install the second insert.
4. A single wire pass-thru and a pair of canopy screw knockouts are stamped into the top and also the end of the sign. Knock out the appropriate set of three holes; the top holes for ceiling mount or end holes for end wall mount.
5. Feed all wiring outside the sign through the wire pass-thru hole.
6. For installation directly over on an electrical junction box, the sign is supplied with universal spider knockouts stamped into the backplate. Alternatively, conduit knockouts are stamped into the top and side for surface wire conduit connection. Knock out the appropriate holes and bring wires through the hole and outside the sign.
7. Mount the unit securely into place. Do not rely on the electrical connections as the only support for the unit. Use the supplied keyhole mounting slots.
8. Make proper wiring connections between the AC supply and the unit's transformer: White, Black -Line 120V-347 Volts; Green - Line Earth; (Fig.3). BROWN is provided instead of RED for special voltages (Fig. 4). Ensure to insulate unused wires. Connect ground to supplied green ground wire in accordance with local codes. Reassemble all wire connections and connectors.

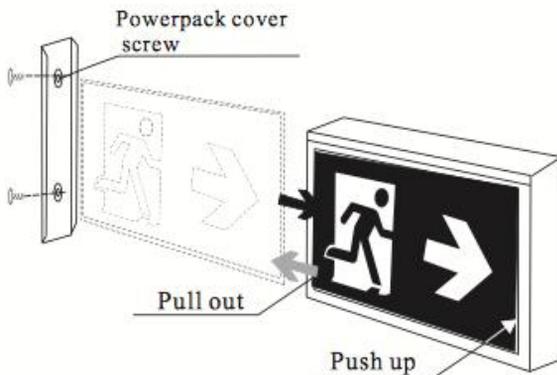
### CAUTION:

Failure to insulate unused wire may result in a shock hazard or unsafe condition as well as equipment failure.

6. Secure all internal wires, then mount the sign securely into place.
7. Change the direction of the pictogram or replace it with another insert so that the running man points correctly towards exit (if required).



## TO CHANGE THE PICTOGRAMS



## TO TEST THIS UNIT

This sign is furnished with a sophisticated low voltage battery dropout circuit to protect the battery from over- discharge after the useful out-put has been used. Allow 20 hours recharge time after installation or power failure for full-load testing or usage.

For the UDC model: Sign will illuminate when supplied with power.

For the Self-Powered model: To test, depress the TEST Switch. The AC indicator will go out and the LEDs will switch to battery power. Hen the TEST switch is released, the LEDs will switch back to AC power and the AC indicator will illuminate.

## TO MAINTAIN THIS UNIT

Most Codes require that the equipment be tested every 30 days for 30 seconds, and that written records be maintained for all test results and repairs. Further, the equipment is to be tested once a year for the required duration as per Code. The battery is to be replaced or the equipment repaired whenever the equipment fails to operate as intended during the duration test. The manufacturer strongly recommends compliance with all Code requirements.