

PFX-5504



ILLUMINATION

- Ultra bright, energy efficient, long life field selectable Red or Green LED.

ELECTRICAL

- Dual 120/277 voltage.
- Charge rate/power "ON" LED indicator light and push-to-test switch for mandated code compliance testing.
- 1.2V Long life, maintenance-free, rechargeable NiCd battery.
- Internal solid-state transfer switch automatically connects the internal battery to LED board for minimum 90-minute emergency illumination.
- Fully automatic solid-state, two rate charger initiates battery charging to recharge a discharged battery in 24 hours.

MOUNTING

- EZ-snap mounting canopy included for top or end mount.
- Universal knockout pattern on back plate for wall mount.

HOUSING

- Injection-molded, engineering grade, 5VA flame retardant, high-impact resistant, thermoplastic in white or black finish.
- Aesthetically pleasing, curved face, rounded corner design.
- EZ snap-out chevron directional indicators.

OPTIONS

- 2C-120V/2C-277V: Voltage-specific Dual Circuit Option on the AC-Only unit enables it to be connected to two different power supplies at the same time.
- USA: Substantial transformation assembly in the U.S. complies with "Assembled in USA" under the Buy American Act.

WARRANTY / LISTING

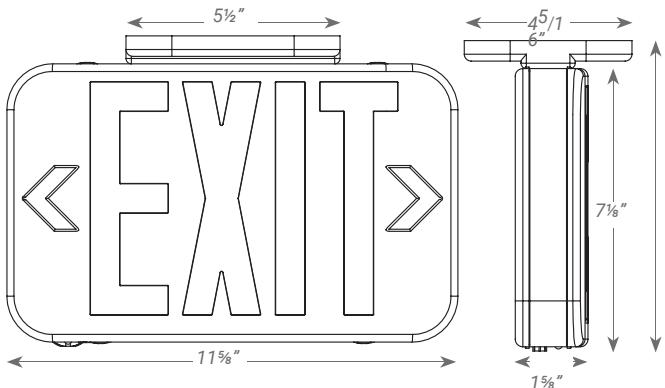
- Five year warranty on all electronics and housing. Battery prorated for five years.
- Meets UL924, NFPA 101 Life Safety Code, NEC, OSHA, Local and State Codes.
- UL Listed for damp locations (0°C – 50°C).
- Certified to CEC under Title 20 Regulations.



ELECTRICAL INFORMATION

CATALOG NUMBER	INPUT WATTS (W)		INPUT AMPS (A)	
	120V	277V	120V	277V
PFX-5504-EZRXTEU-RED/GREEN EM	1.0	1.0	0.1	0.1

DIMENSIONS



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ORDERING GUIDE

Example: PFX-5504-EZRXTEU2RGW2C-120

MODEL	No. of FACES		LETTER COLOR		HOUSING COLOR		BATTERY		OPTIONS	
PFX-5504-EZRXTEU	2	Universal Single/ Double Face	RG	Red/Green ¹	W B	White Black	(blank) EM	AC Only Battery Back-Up	USA 2C-120 2C-277	Assembled in the USA Dual Circuit with 120V input 2 Dual Circuit with 277V input 2

¹ Field Selectable

² Available only with AC-Only units

SALIDA face plate option available. Check with your Representative.

INSTALLATION INSTRUCTIONS FOR RED/GREEN SELECTABLE EMERGENCY EXIT SIGN

IMPORTANT:

When re-lamping, only use lamps specified in the exit sign. Using other lamp types may result in damage to the unit or unsafe conditions.

Battery in this unit may not be fully charged. After electricity is hooked up to unit, let the battery charge for at least 24 hours. Normal operation of this unit should then take effect.



IMPORTANT SAFEGUARDS

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

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

- Do not use out doors.
- Do not mount near gas or electric heaters.
- Equipment should be mounted in location and at heights where it will not be subjected to tampering by unauthorized personnel.
- The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
- Do not use this equipment for other than its intended use.
- Before wiring to power supply, turn off electricity at fuse or circuit breaker.
- Consult local building code for approved wiring and installation.
- Installation and servicing should be performed by qualified personnel.

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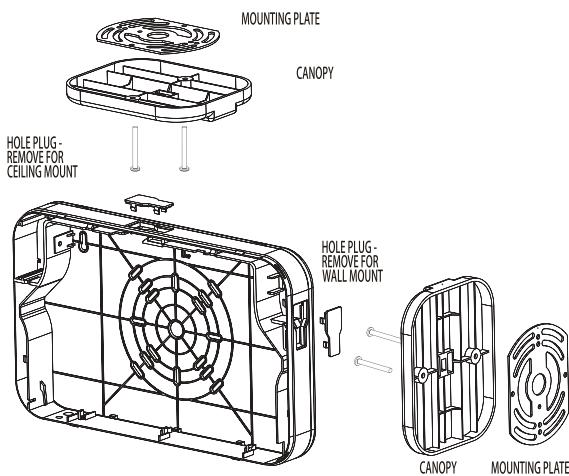
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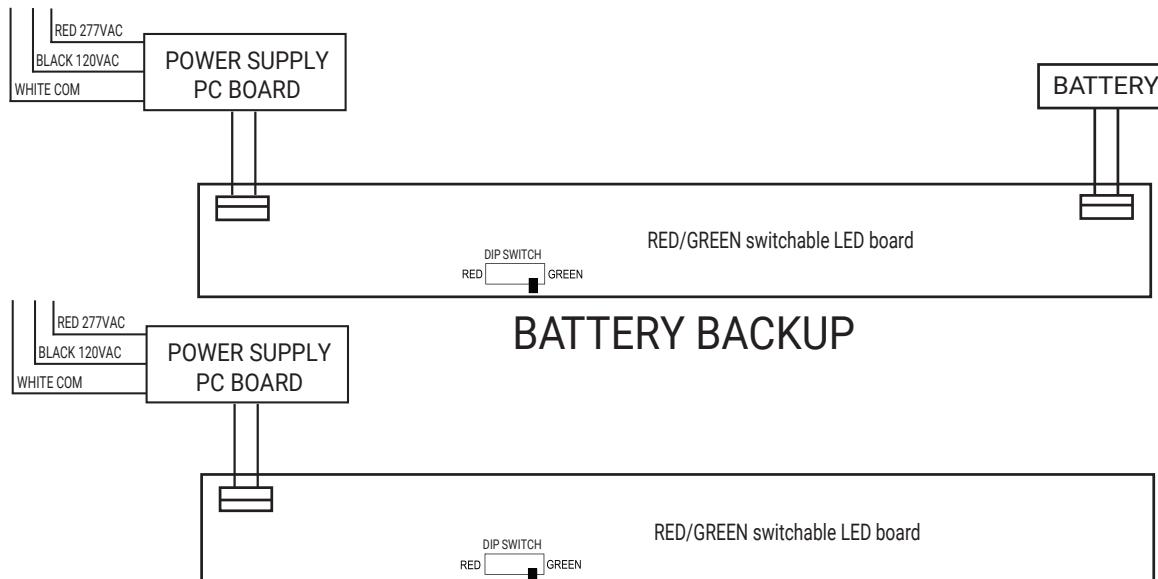


CEILING AND END MOUNT INSTALLATION:

1. Remove EXIT stencil from housing, set aside.
2. Place screws (provided) in holes on the canopy.
3. Remove the desired mounting hole plug located on the frame of the sign. For ceilingmount, hole plug will be located on the top of the housing. For wall mount, hole plug will be located on the side of the housing.
4. Place canopy tab through the mounting hole of the housing until the flat portion of the canopy is touching the housing frame. Lock the canopy into place by sliding the canopy, without turning, toward smaller end of the mounting hole until the tab is fully engaged and locked into place. Once canopy is in the locked position there will not be any side-to-sidemovement of the canopy.
5. Route EXIT input wires through canopy and through metal mounting plate.
6. Make wiring connection. For 120V, use black and white wires. And for 277V, use red and white wires. **WARNING:** Properly insulate the unused lead with a wire nut (provided) or other approved means.
7. Push wire connections into the J-Box. Secure mounting plate to junction box (hardware not included).
8. Secure the canopy to the steel mounting plate with screws installed in step 2.
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 color diffuser panel it is important to remember to reinstall the diffuser panel, securing with diffuser retention caps once chevron(s) have been removed.
10. Connect battery only after continuous AC power can be provided to the unit.
11. Secure face plate(s) to the housing.
12. Apply continuous AC power and press "TEST" button to check operation. See operation (battery back-up) for testing procedures.



WIRING DIAGRAMS:



NOTE: Properly insulate the unused lead with a wire nut or other approved means.
WARNING: Unused wires must be capped using enclosed wire nuts.

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Wall Mount Installation

1. Remove EXIT stencil from housing, set aside.
2. Drill or knock out appropriate knockouts on backplate to fit junctionbox mounting points.
3. Drill or knock out center hole in backplate for EXIT supply wire leads.
4. Route EXIT input wires throughcenter hole of the backplate and make wiring connection. For 120V, use black and white wires. And for 277V, use red and white wires.
5. Secure backplate to junctionbox (hardware not included).
6. Connect battery only after continuous AC power can be provided to the unit.
7. 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, securing with diffuser retention caps once chevron(s) have been removed.
8. Apply continuous AC power and press "TEST" button to check operation. See operation (battery back-up)for testing procedures.

RED-to-Green Conversion:

1. Remove the faceplate(s)from the unit's housing.
2. Gently pop out the red diffuser lens from the faceplate(s). Replace the green diffuser lens onto the faceplate(s).
3. Toggle the dip switchfrom R to G on the RED/GREEN switchable LED board.
4. Replace the faceplate(s)no the housing to finishinstallation.

Single-to-Double Face Conversion:

1. Remove the faceplate from the unit's housing.
2. Remove the backplate by pushing out the two locking clips on the inside of the unit's housing.
3. Attach the two EXIT faceplates to the housing to complete the conversion.

OPERATION (Battery Backup):

1. Apply Ac Power to the unit.The LED Indicator should turn RED.
2. After the battery has beenleft to charge for 24 hours,test the unit bypushing the switch.The LED indicator turns OFF and the LED board stays ON.
3. When the switch is released ,the LED board stays ON and the LED indicator turns back to RED.

MAINTENANCE:

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

BATTERY:

The battery supplied with the Battery Backup model requires no maintenane.However,it should be tested periodically and replaced when it no longer operates the connected fixtures for the duration of a 3-second or 90- mintue test.The battery supplied in this equipment has a life expectancy of 5 years when used in a normal ambient temperature of 72°F.

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TESTING:

National Electric Code (NEC) and NFPA life safety code regulation require that routine tests need to be performed as listed below. Once every month, the unit needs to be tested for duration of 30 seconds. Push in hold the test switch to perform this test. Once every 12 months, a full 90 minute (per UL requirements) test need to be performed on the unit. Disconnect power to the unit and leave it in the emergency mode. The LEDs should stay On for at least 90 minutes.

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