

The NYN4X Series is engineered to withstand extreme conditions. This NYN4X Exit sign meets or exceeds NEMA 4X and City of New York code requirements. The NYN4X Series can be used in parking garages, breezeways and other environments where additional protections are needed due to weather conditions.

Model: \_\_\_\_\_ Date: \_\_\_\_\_  
Accessories: \_\_\_\_\_  
Job Name: \_\_\_\_\_ Type: \_\_\_\_\_

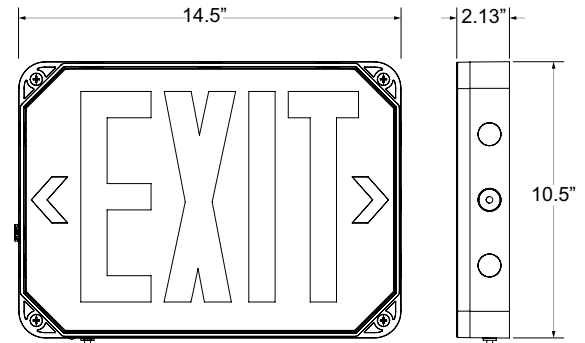
**FEATURES & BENEFITS**

- New York City Approved
- Suitable for Wet Locations and NEMA 4X applications
- UL 924 Listed 90 minute emergency run time, 24 hour recharge time
- Fully illuminated 8" characters with 1" stroke
- Assembled in USA with global components



**SPECIFICATIONS**

**Illumination:** Long-life, high-intensity, red LEDs  
**Legend:** Fully illuminated 8" characters with 1" stroke  
**Construction:** NEMA 4X rated polycarbonate, fully gasketed enclosure with field-selectable directional chevrons  
**Input:** 120/277VAC Dual primary, 60Hz  
**Battery:** Maintenance-free NiCad battery  
**Operating Temp:** 0°C to 40°C (32°F to 104°F)  
**Run Time:** UL Listed 90 minute emergency run time, 24 hour recharge time  
**Mounting:** Universal knockout pattern on backplate for back mount; optional pendant mount  
**Finish:** White  
**Certifications:** UL 924 Listed for Wet Locations, NEMA 4X rated, Meets or exceeds NFPA 101 Life Safety Code, NEC, OSHA and New York City Code requirements  
**Warranty:** Any component that fails due to a manufacturing defect is guaranteed for three years with a separate three year prorated warranty on the battery. The warranty does not cover physical damage, abuse or instances of uncontrollable natural forces. See the full Exitronix warranty document for detailed information. (Terms and Conditions apply)



**ORDERING INFORMATION Example:** NYN4X-1-WB-R-WH

Series	Style	Power Source	Legend	Finish	Accessories <sup>1</sup> (Field Installed)
NYN4X	1 = Single-face	LB = AC Only WB = NiCad Battery	R = Red Letters	WH = White	ER1-KIT-WH-ADPTR = 1' Pendant Mount Kit ER2-KIT-WH-ADPTR = 2' Pendant Mount Kit

**Notes**

<sup>1</sup> Order as separate line item

## CONSTRUCTION

The NYN4X Series exit enclosure is made of UV-stable, reinforced 0.23" thick polycarbonate and is fully gasketed to provide a degree of protection for the equipment inside the enclosure against ingress of solid foreign objects (dust) and water. The housing also provides protection against corrosion and the formation of ice.

Stencil letters are 8" high with 1" stroke.

## ILLUMINATION

Illumination of the NYN4X Series is accomplished by utilizing high-intensity, long-life LEDs exceeding UL 924 requirements for brightness and uniformity. LEDs provide excellent illumination while maximizing energy efficiency. LEDs are a maintenance-free solution, providing up to 100,000 hours of use without failure.

## ELECTRICAL

### Input

Dual-voltage input 120/277VAC @ 60Hz

### Nickel Cadmium Battery - NiCad (WB)

Exitronix NiCad batteries are maintenance-free.

### Emergency

The NYN4X Series Exit will operate for a minimum of 90 minutes during a loss of power with a 24 hour maximum recharge time for the battery. Fully automatic solid-state, two rate charger initiates battery charging to recharge a discharged battery within 24 hours. The internal solid-state transfer switch automatically connects the internal battery to power the LED board for a minimum of 90 minutes of illumination during the loss of utility power. A bicolor LED indicator light alerts occupant on battery condition (Green-normal, Red check battery).

### Solid State Transfer

The circuit features solid-state switching for emergency backup, eliminating concerns of damaged contact or mechanical failures associated with relays. The switching circuit detects a loss of line voltage and automatically switches to emergency mode.

## Brownout Circuit

The brownout circuit monitors the line voltage. As the line voltage sags and can no longer provide adequate voltage, the emergency lighting circuit will turn on to supply power to the emergency lamps for 90 minutes or until the line voltage is restored.

## Low Voltage Disconnect

Low Voltage Disconnect (LVD) measures the battery's terminal voltage and if it should fall below a preset voltage threshold, the LVD will disconnect the load. When the battery is recharging and the voltage is raised above another preset threshold, the load is automatically reconnected.

## Test Button

Test button is easy to locate and allows for manual verification of the transfer circuit and emergency lamps.

## INSTALLATION

A universal mounting pattern for 3" and 4" J-box (gasket included) and rear keyhole slots are provided for wall mounting. Conduit entry available at multiple locations from top or sides; pendant mounting available.

## CONFORMANCE TO CODES & STANDARDS

The NYN4X Series is UL 924 Wet location Listed, NEMA 4X rated and meets or exceeds the following: NFPA 101 Life Safety Code, NY City Code, NEC, and OSHA requirements.