

The 450 Series Die Cast Aluminum Exit features an architectural, ultra slim design to fit into any environment. Attractive and functional, the 450 Series is completely self-contained and utilizes reliable, energy efficient LED illumination.

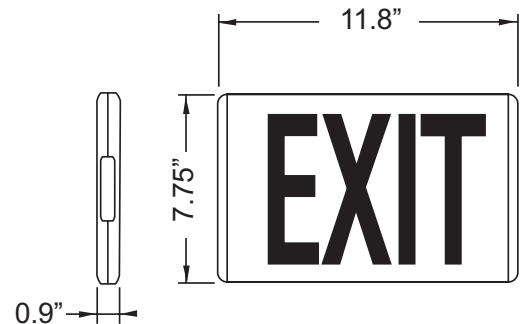
Model: \_\_\_\_\_ Date: \_\_\_\_\_  
Accessories: \_\_\_\_\_  
Job Name: \_\_\_\_\_ Type: \_\_\_\_\_

**FEATURES & BENEFITS**

- Architectural, ultra slim design - less than 1 inch deep
- Universal Mounting - Ceiling, wall or end mount
- Suitable for Damp Locations
- Field-selectable directional chevrons

**SPECIFICATIONS**

**Illumination:** Long-life, high-intensity, red or green LEDs.  
**Housing:** Die-cast aluminum with power coated finish  
**Input:** 120/277VAC Dual primary, 60Hz.  
**Battery:** Maintenance-free NiCad battery.  
**Run Time:** UL Listed 90 minute emergency run time, 24 hour recharge time.  
**Electrical:** Low Voltage Disconnect  
**Legend:** Fully-illuminated 6" characters with 3/4" stroke and field-selectable directional chevrons.  
**Mounting:** Ceiling, end or wall mounted, canopy included.  
**Finishes:** Black, Brushed Aluminum or White  
**Certifications:** UL Listed for Damp Locations and meets or exceeds the following: NEC requirements and NFPA 101.  
**Warranty:** Any component that fails due to a manufacturing defect is guaranteed for five years with a separate five 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: 452-WB-BL

| Series                   | Power Source      | Finish                              | Accessories <sup>1</sup> (Field Installed) |
|--------------------------|-------------------|-------------------------------------|--|
| 452 = Red Single Face    | LB = AC Only      | BB = Black Face and Trim            | WG-S = Wire Guard (Back Mount)             |
| 453 = Red Double Face    | WB = With Battery | WW = White Face and Trim            | XG-1 = Poly Guard (Back Mount)             |
| G452 = Green Single Face |                   | BA = Brushed Aluminum Face and Trim | XG-3 = Poly Guard (Ceiling Mount)          |
| G453 = Green Double Face |                   |                                     |  |

**Notes**

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

## CONSTRUCTION

The Exitronix 450 series is constructed of rugged die-cast aluminum body with soft, clear finish on brushed face prevents fingerprints or other surface impurities. Universal chevron knockouts are concealed and easily removed. All units are supplied with mounting canopy for back, top or end mounting.

Stencil letters are 6" high with 3/4" stroke, with minimum of 100 ft viewing distance rating as required by UL924 standard.

## ILLUMINATION

Long life LED lamps provide the maximum in energy savings. LEDs are a maintenance-free solution, providing up to 100,000 hours of use without failure.

## ELECTRICAL

### Input

Dual-voltage input 120 or 277VAC @ 60Hz.

### Nickel Cadmium Battery - NiCad (With Battery Only)

Exitronix sealed nickel cadmium batteries are maintenance-free with a life expectancy of 15 years. Nickel cadmium batteries offer high discharge rates and continue to perform in a vast temperature range from 0°-40°C. NiCad technology provides long lasting, safe and reliable performance by utilizing the jelly roll design and allows a NiCad cell to deliver a much higher maximum current than an equivalent size alternative battery. As a relatively larger area of the electrode is in contact with the active material in each cell, the internal resistance for an equivalent sized NiCad cell is lower which increases the maximum current that can be delivered.

### Low Voltage Disconnect

When the battery's terminal voltage falls below predetermined levels, the low-voltage circuit disconnects the emergency lighting load. The disconnect remains in effect until normal power is restored, preventing deep battery discharge and improving the life of the battery. The disconnect will also automatically reconnect the load circuit once the battery voltage returns to a normal value after charging.

## Solid-State Transfer

The unit features a solid-state switching transistor which eliminates damaged contacts or mechanical failures associated with relays. The switching circuit is designed to detect a loss of AC power and automatically energizes the lamps. Upon restoration of the AC voltage, the emergency lamps will switch off and the charger will automatically recharge the battery.

## Test Button

Our easily located test button allows for manual verification of proper operation of the transfer circuit and emergency lamps.

## INSTALLATION

An ultra low profile and small canopy mount is included for top or end mounting applications. Knockouts are provided for surface mounting applications.

## CONFORMANCE TO CODES & STANDARDS

The 450 Series is UL listed and meets or exceeds the following: UL 924, NEC requirements and NFPA 101.