

Exitronix die-cast aluminum exits are designed to combine both elegance and performance while maintaining optimal energy efficiency with bright, uniform illumination.

**FEATURES**

- Specification-grade exit with an enclosure constructed of precision die-cast aluminum
- Custom legends available
- Low voltage disconnect eliminates deep discharge
- Brown-out protection, overcharge protection, short circuit and voltage surge protection
- Maintenance-free NiCad (standard) or NiMH (G2) batteries
- Ceiling, wall or end mount
- Constant, uniform illumination by long-life, high intensity, red or green LEDs
- Fully-illuminated 6" characters with 3/4" stroke
- Field selectable directional chevron knockouts
- Optional Guardian Self-Test/Self-Diagnostics (G2) available
- 120/277V dual primary, 50/60Hz input
- Standard finishes: Black, White or Brushed Aluminum
- Assembled in U.S.A.

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



**WARRANTY**

Any component that fails due to manufacturers defect is guaranteed for 25 years with a separate 5 year pro-rated 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.



**ORDERING INFORMATION Example: 402E-WB-BA-G2**

Series	Power Source	Finish	Options (Factory Installed)
402E = Red Single Face	LB = AC Only	BL = Black w/ Alum. Face	FM <sup>2</sup> = Flush Mount Kit
403E = Red Double Face	WB <sup>3</sup> = NiCad Battery (std)	BB = Black w/ Black Face	G2 <sup>1,3</sup> = Self-Test/Self-Diagnostics
G402E = Green Single Face	2CI1 = 2 Circuit Input 120/120V	WW = White w/ White Face	G2-220V <sup>1,3</sup> = Self-Test/Self-Diagnostics - 220V
G403E = Green Double Face	2CI7 = 2 Circuit Input 277/277V	BA = Brushed Alum. w/ Alum. Face	G2-230V <sup>1,3</sup> = Self-Test/Self-Diagnostics - 230V
	2CI17 = 2 Circuit Input 120/277V		G2-240V <sup>1,3</sup> = Self-Test/Self-Diagnostics - 240V
			MR2 <sup>4</sup> = Remote Twin Unit
			SS <sup>5</sup> = Specialty Signs
			<b>Accessories<sup>6</sup> (Field Installed)</b>
			ER1-KIT = 1' Pendant Mount Kit
			ER2-KIT = 2' Pendant Mount Kit
			400E-VL-KIT <sup>7</sup> = Vandal Kit
			WG-1 = Wire Guard (Back Mount)
			WG-2 = Wire Guard (End Mount)
			WG-3 = Wire Guard (Ceiling Mount)
			XG-1 = Poly Guard (Back Mount)
			XG-3 = Poly Guard (Ceiling Mount)

**Notes**

- <sup>1</sup> Available with battery units only
- <sup>2</sup> FM only available in single face
- <sup>3</sup> G2 option comes standard with NiMH batteries, not available with 2CI power source
- <sup>4</sup> MR2 only available in single face, WB or G2
- <sup>5</sup> Consult factory for alternate legends
- <sup>6</sup> Order as separate line item
- <sup>7</sup> 400E-VL-KIT includes (2) vandal lens and tamper resistant hardware

## CONSTRUCTION

The 400E series exit is constructed of specification grade precision cut die-cast aluminum body with soft corners designed for traditional mounting as well as conduit entry and pendant mounting. Clear finish on brushed face prevents fingerprints or other surface impurities. Field selectable chevron knockouts are concealed and easily removed. All units are supplied with mounting canopy for ceiling, wall or end mounting.

Stencil letters are 6" high with 3/4" stroke.

## ILLUMINATION

Illumination of the 400E series is accomplished utilizing high-intensity, long-life LEDs. LEDs are a maintenance-free solution, providing up to 100,000 hours of use without failure.

## ELECTRICAL

### Input

Dual-voltage input 120 or 277VAC @ 50/60Hz.

### Nickel Cadmium Battery - NiCad (Standard)

Extronix 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 32°F - 104°F (0°C - 40°C).

### Nickel-metal Hydride - NiMH (With G2 Option Only)

Extronix NiMH batteries are maintenance-free with a life expectancy of 15 years. NiMH batteries perform optimally in temperatures ranging from 32°F to 104°F (0°C to 40°C).

### Two-Circuit Operation (2C11, 2C17, 2C17)

Two Circuit input allows for a primary and auxiliary power source to be connected to the emergency unit that does not contain a battery. Applications include those with inverters or alternate backup power sources.

### Brownout Circuit

Brownout circuit monitors the line voltage, as the line voltage sags and can no longer illuminate the exit sign to meet UL924 visibility test, the emergency circuit will turn on to supply a portion or all the power to illuminate the sign for a minimum of 90mins until the line voltage is restored.

### Low Voltage Disconnect

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

### Solid-State Transfer

The circuit features solid-state switching for emergency lamps, 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.

### Overload and Short-Circuit Protection

The overload monitoring system is a solid state circuit which monitors the lamp load and disconnects from the battery should an overload or short circuit occur. The overload current protection eliminates the need for fuses or circuit breakers for the DC load.

### Test Button

The test button is easy to locate and provides manual verification of the transfer circuit and emergency lamps.

## INSTALLATION

Installs in minutes with easy-to-read instructions and detailed diagrams. No special hardware or tools necessary. Internally housed components and battery eliminate the use of a canopy when wall mounting single faced exits.

## Assembled in the U.S.A. (Standard)

Assembled in the U.S.A. and is in full compliance with the American Recovery and Reinvestment Act of 2009 (ARRA) requirements and Buy American provisions.

## OPTIONS

### Guardian Self-Test/Self-Diagnostics (Option: G2)

The Guardian circuit continuously monitors the operating condition of the AC power, battery supply voltage, emergency lamp continuity and charging circuit.

The purpose of this option is to provide visual signaling in response to a fault at the EXIT sign battery and/or battery charger. If a failure is detected, visual status will occur immediately via the CHARGER LED and/or the BATTERY FAULT LED. The LEDs will stay illuminated until the fault is corrected.

The Guardian circuit also monitors the transfer circuit as well as performing automatic code compliant testing. The Guardian circuit will perform a 30 second discharge and self-test every 28-30 days. A 90 minute discharge and self-test is performed every 6 months.

### Flush Mount Kit (Option: FM)

The 400E series is available for flush mount installations where low level or reduced clearance is required. Kit includes flush mount face and all hardware for installation.

### Remote Twin Unit (Option: MR2)

The remote twin unit option provides a second matching exit designed to utilize the electronics from the base unit. This option is ideal for applications where a standard unit and low level unit are required for the same exit location.

### Custom and Specialty Legends (Option: SS)

Extronix offers a variety of standard specialty signs designed to provide directional or safety information in applications where clear and accurate delivery of information is required. Examples of specialty legends include:

"X-RAY IN USE" "ON THE AIR"  
Restroom Signage "DO NOT ENTER"  
"NO SMOKING" "OCCUPIED"  
"AREA OF RESCUE ASSISTANCE" with modified accessibility symbol

Custom Legends are also available - please call factory for details with questions.

## DIMENSIONS

