

Attractive and easy to install, the VEX Series combines contemporary styling with quality LED illumination. Includes covers for both single- and double-face, red or green configurations.

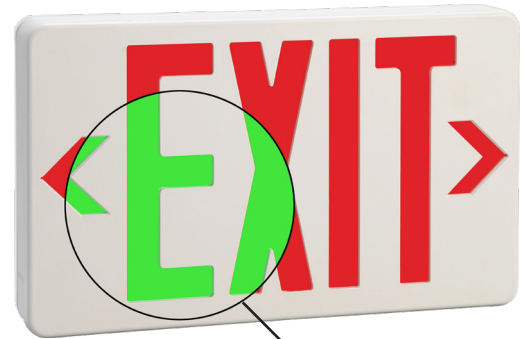
Model: _____ Date: _____
Accessories: _____
Job Name: _____ Type: _____

FEATURES & BENEFITS

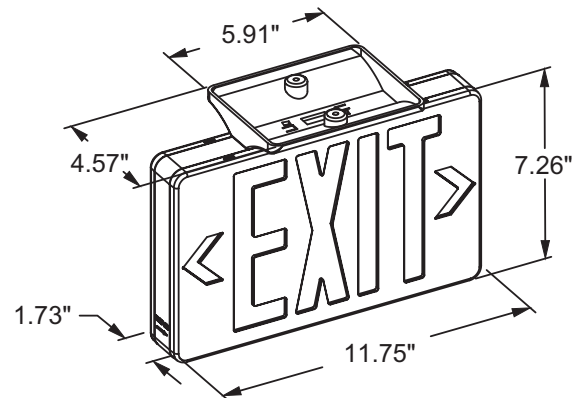
- Compact, low-profile, snap-together design
- Maintenance-free NiCad battery with 1.5 watts remote capacity for use with [JLED](#), [RL1-WP](#), or [RL52](#) remote lamp heads
- Field-switchable red/green letters
- Universal single- or double-face
- Field-selectable directional chevron knockouts
- Suitable for Damp Locations

SPECIFICATIONS

| | |
|-----------------|---|
| Illumination: | Constant, uniform illumination by long-life, high-intensity, red and green LEDs |
| Housing: | Rugged, injection-molded, UL 94 5VA flame-retardant, high-temperature thermoplastic housing |
| Input: | 120/277VAC Dual primary, 60Hz |
| Battery: | Maintenance-free NiCad battery |
| Run Time: | UL Listed 90 minute emergency run time, 24 hour recharge time |
| Legend: | Fully-illuminated 6" characters with 3/4" stroke and field-selectable directional chevrons |
| Mounting: | Ceiling, end or wall mounted, canopy included |
| Finishes: | Black or White |
| Options: | G2 - Guardian self-test/Self-diagnostics |
| Operating Temp: | 10°C to 40°C (50°F to 104°F) |
| 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) |



Field-switchable red and green legends



ORDERING INFORMATION Example: VEX-RG-U-WB-WH-R-G2

| Series | LED Color | Style | Power Source | Finish | Remote Capacity | Self-test/Self-diagnostics |
|---|---------------------------|----------------------------|--------------------|--------------------------|------------------------------|---|
| VEX | RG = Red/Green Switchable | U ¹ = Universal | WB = NiCad Battery | BL = Black WH = White | R ² = 1.5W Remote | G2 = Self-test/Self-diagnostics |
| | | | | | | Accessories³ (Field installed, order as separate line item) |
| | | | | | | ER1-KIT-WH ⁴ = 1' Pendant Mount Kit, White |
| | | | | | | ER1-KIT-BL ⁴ = 2' Pendant Mount Kit, Black |
| | | | | | | ER2-KIT-WH ⁴ = 2' Pendant Mount Kit, White |
| | | | | | | ER2-KIT-BL ⁴ = 2' Pendant Mount Kit, Black |
| | | | | | | VEPA = Pendant Adapter |
| | | | | | | WG-S = Wire Guard (Back Mount) |
| | | | | | | XG-1 = Poly Guard (Back Mount) |
| Notes | | | | | | |
| ¹ Universal includes second exit face and backplate | | | | | | |
| ² For use with JLED , RL1-WP , or RL52 remote lamp heads | | | | | | |
| ³ Order as separate line item | | | | | | |
| ⁴ Requires VEPA accessory option | | | | | | |

ELECTRICAL RATINGS

| Model | NiCad Battery | Brownout | Low Voltage Disconnect | Overload disconnect | Short Circuit Disconnect | Solid State Transfer | Input Rating | | | | Remote Capability |
|---------------------|-----------------|----------|------------------------|---------------------|--------------------------|----------------------|--------------|----|----|-------|-------------------|
| | | | | | | | VAC | Hz | mA | W | |
| VEX-RG-U-WB-XX-R | 3.6V 1000mAh | NO | YES | NO | NO | YES | 120/277 | 60 | 27 | 2.94W | 3.6V 1.5W |
| VEX-RG-U-WB-XX-R-G2 | 3.6V 1000mAh | NO | YES | YES | YES | YES | 120/277 | 60 | 35 | 2.94W | 3.6V 1.5W |

CONSTRUCTION

The VEX-R-RG Series is constructed of a precision-molded housing utilizing 5VA flame-retardant, corrosion-proof thermoplastic. Units resist denting, peeling, scratching and corrosion. Black or White finish.

ILLUMINATION

Illumination of the VEX-R-RG Series is achieved with high-output, long-lasting red and green LEDs. Exclusive color matched red and green diffusers eliminate hot spots and striations, providing optimal light output. LEDs are a maintenance-free solution.

ELECTRICAL

Input

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

Nickel Cadmium Battery – NiCad

Extronix nickel cadmium batteries are maintenance-free.

Emergency

The VEX-R-RG 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.

Test Button

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

Damp Location Rated

Damp Location Rated fixture that is normally or periodically subject to condensation of moisture in, on or adjacent to, and includes partially protected locations.

Remote Capable

The VEX-R-RG is remote capable and provides up to 1.5W of remote power for 90 minutes. Compatible with [JLED](#), [RL1-WP](#) or [RL52](#) remote lamp heads.

INSTALLATION

Simple snap together universal design allows for faceplate and backplate to be fully interchangeable. Mounting canopy is supplied with all signs and snaps into enclosure with two positive locking tabs.

OPTIONS

Guardian G2 Self-test/Self-diagnostics

The Guardian bi-color circuit is factory preset; without any field adjustments needed. It continuously monitors the performance condition of the AC power, battery supply, and charging circuitry.

The intent of this option is to provide visual signaling to identify fault at the Exit. Fault indicators are as follow:

1. Green: On/Ready
Blinking: Testing
2. Red: Service Alert
3. Service Alert LED Code (Red LED Lamp Indicator)

| | | |
|-------------|------------------------------|---------------------------------|
| • | One blink, 4 second pause | Battery not connected |
| • • | Two blinks, 4 second pause | Battery voltage too low |
| • • • | Three blinks, 4 second pause | Charging circuit failure |
| • • • • | Four blinks, 4 second pause | Transfer function failure |
| • • • • • | Six blinks, 4 second pause | Remote lamp failure |
| • • • • • • | Seven blinks, 4 second pause | LED strip failure (EXIT legend) |

NOTE: After solving the fault of the emergency equipment, press the test button for two seconds without releasing to reset. LED indicator will show green.

Self-testing/Self-diagnostics also has a manual test function, press test button as follows:

| | |
|--|--------------------------|
| Press test button once | 30 Second discharge test |
| Press test button twice within two seconds | 3 Minute discharge test |
| Press test button three times within two seconds | 30 Minute discharge test |
| Press test button four times within two seconds | 90 Minute discharge test |

CONFORMANCE TO CODES & STANDARDS

The VEX-R-RG Series is UL 924 Listed for Damp Locations and meets or exceeds the following: NEC requirements and NFPA 101.