

# RAZOR MK3 MASTER-REMOTE

## Ultra-Thin Die-Cast Remote LED Exit Sign

The Razor MK3 Master-Remote is designed expressly for applications requiring high, low and/or Master-Remote exit sign installations. The Razor Master powers and monitors the remote single or double face sign via low voltage 5V connection simply requiring min 20 awg conductors. Beyond the Master functionality, the Razor MK3 Master-Remote replicates the Razor MK3 Classic. Field-selectable top or end canopy mounting, snap-lock assembly and optional square pendant rod with matching slim profile adaptors and canopy, simplifies install and improves versatility.



### CONSTRUCTION

- Razor thin 5/8" Pressure Die Cast Aluminum. Available in Fine Grain Brushed Aluminum or powder coated pure White or Black finishes. Other finishes available to order
- Light Guide, light engine, batteries and electrical connectors are neatly housed in a single injection-molded frame assembly with flexible circuit board and simple mating connector
- Mounts to standard 4S Junction box in Wall, Canopy or Pendant mount configurations
- Unique snap fit housing design eliminates unsightly hardware
- Removable face with field selectable Chevron directional indicators
- Low profile canopy for universal end or top mount applications
- Hang Straight 1/2" Extruded Aluminum matching Tube Pendant and adaptors
- Optional polycarbonate face shield with snap-fit installation ideal for vandal resistant and low level applications (U.L. listed for floor proximity installation)
- Also available as a standard single sign (see data sheet RZR3) or open face custom graphic (see data sheet RCG3)

### ELECTRICAL

- High intensity LED array provides exceptional energy efficiency with just 2.0 watts power consumption for both the Master and Remote in single and double face AC models. Battery backup models consume just 2.6 watts and remote lamp head capacity units just 2.9 watts
- Solid State circuitry provides optimum condition power supply for the LED's which are powered at less than 50% of their rated operating current ensuring minimal heat dissipation and subsequent exceptional LED life predicated to maintain 80% luminosity after 20 years continuous operation
- Razor Master will power and monitor a Razor remote Single or Double Face Razor remote via a two wire 5 Volt AC/DC min. 20 awg conductor
- 120 or 277 VAC field selectable input
- Self-compensating constant current charger circuit monitors the condition of the battery pack and indicates via a flashing LED when battery needs replacing

- Circuitry includes - Zero current LVCO, Brownout Sensing and Line-Latch
- Optional functions available: Self-Test, Self-Diagnostics (including remote), Fire Alarm Interface, Flash in Emergency Mode or Continuous Flash in AC mode, Infrared Remote testing (up to 40 feet away), Dual AC input and 2 Watt Remote Lamp Head Capacity
- Premium High Temperature Maintenance free, eco-friendly Nickel Metal Hydride battery with fuse protection
- Standard Battery Backup models are U.L. listed with 120 minutes emergency run time for both the master and remote. The additional 30 minute run time over the 90 minute code requirement assures optimum battery capacity over many years of natural depreciation
- Remote lamp head rated models are U.L. listed for 90 minutes emergency run time
- UL and CSA listed as standard "Suitable for use in damp locations 10° - 40° C"

### ILLUMINATION

- Unique injection molded 3mm refractive light guide produces flawless uniformity and vibrantly illuminated 18fl legend -7 times the minimum UL 924 requirement at a 100' viewing distance
- Red or Green LED with 6" letters and 3/4" stroke
- Maintenance free LED light source with 25+ year's life expectancy

### CERTIFICATION

- Tested and Listed by Underwriters Laboratories in compliance with UL924 and CSA-C22.2 No. 141-15. Razor also meets or exceeds all performance standards as required by NFPA 101 Life Safety Code, NFPA 70-NEC and OSHA
- California Energy Commission (CEC) Title 20 Compliant
- Buy American Act compliant

### WARRANTY

- 5 Year Limited Warranty - view complete warranty terms online at [www.evenlite.com/terms-warranty](http://www.evenlite.com/terms-warranty).

## ORDERING GUIDE

RZMR3-EM-R-MI-RI-WH-CN-LL-SD

MODEL	OPERATION	LETTER COLOR	NO. OF FACES <i>Master<sup>1,2</sup></i>	NO. OF FACES <i>Remote<sup>2</sup></i>	FACE & BODY COLOR	MOUNTING <i>Master</i>
RZMR3	AC AC Only (120/277 VAC)	R Red	M1 Single	R1 Single	BA Brushed Aluminum	IB Wall Mount, No Canopy
	EM Battery Backup Emergency	G Green	M2 Double	R2 Double	BK Black	CN Universal Canopy Mounting Kit <sup>5</sup>
			MU Universal <sup>3</sup>	RU Universal <sup>3</sup>	WH White	PA 12" Hang Straight Pendant Mount
					CC Custom Color <sup>4</sup>	PB 24" Hang Straight Pendant Mount
						PC 36" Hang Straight Pendant Mount
						PD 48" Hang Straight Pendant Mount
						PE 60" Hang Straight Pendant Mount
						PF 72" Hang Straight Pendant Mount
RZMR3						

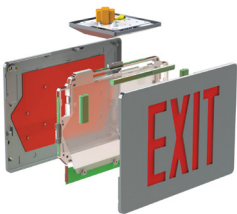
MOUNTING <i>Remote</i>	OPTIONS	ORDERING NOTES
CN Universal Canopy Mounting Kit <sup>5</sup>	<b>OPTIONS</b>	<b>ORDERING NOTES</b> 1 Master is available in single or double face in all mounting styles 2 Cheveron indicators are field selectable in both Master and Remote 3 Includes two faces, backplate, and canopy 4 Specify 5 Top, Left, Right End Mount 6 Includes Security Cover 7 Without Security Cover 8 EM Models 9 Flash in Emergency Mode (EM models) or Continuous Flash (AC models) 10 On 12-24V (AC or DC). Normally-off Fire Alarm signal (AC or EM models) 11 Field Selectable 120 or 277 V (AC only) 12 Vandal-resistant snap lock clear polycarbonate cover. Available for Single or Double face signs in all mounting configurations. Listed for floor proximity installation 13 Order separately 14 Includes RS, Order separately 15 Order separately (not to exceed 2 watts per master sign)
LL Low Level Wall <sup>6</sup>	SD Self-Test, Self-Diagnostics <sup>8</sup>	
IB Wall Mount <sup>7</sup>	F Flash in Emergency Mode <sup>9</sup>	
	FA Flash in AC and Emergency Mode <sup>10</sup>	
	DK Two Circuit Input <sup>11</sup>	
	MS Razor Polycarbonate Security Cover <sup>12</sup>	
	IR Self-Diagnostics with Infrared Remote Testing	
	TLRT Infrared Transmitter <sup>13</sup>	
	M990010 Wire Guard Wall Mount Only	
	RZRR3 Single Face Extra Razor Remote <sup>14</sup>	
	RC Remote Lamp Head Capacity (2W, 2.6V)	
	<b>COMPATIBLE REMOTE HEADS<sup>15</sup></b>	
	TCRHI 1 Watt Single Outdoor LED	
	TCRH2 1 Watt Each Double Indoor LED Head	
	PRWLED1MV 1 Watt Single Outdoor LED Head	
	PRWLED2MV 1 Watt Each Double Outdoor LED Head	

Fill in fields from categories above and complete type and part number.

Type No:

Full Part No:

## ADDITIONAL IMAGES



CONSTRUCTION VIEW



POLYCARBONATE SECURITY COVER



OPTIONAL TCRHI  
Indoor LED Remote Lamp Head



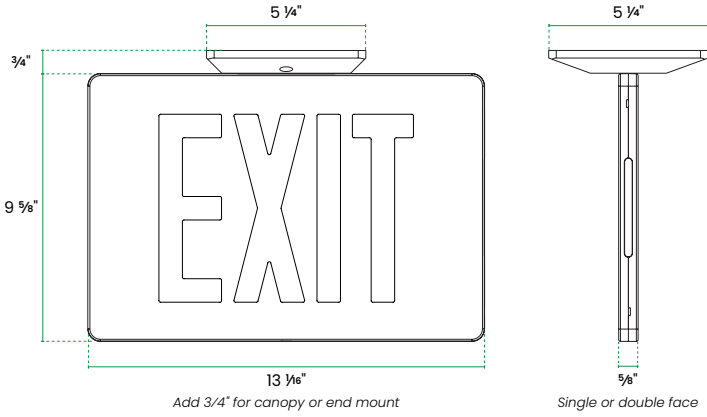
OPTIONAL PRWLED1MV  
Outdoor LED Remote Lamp Head



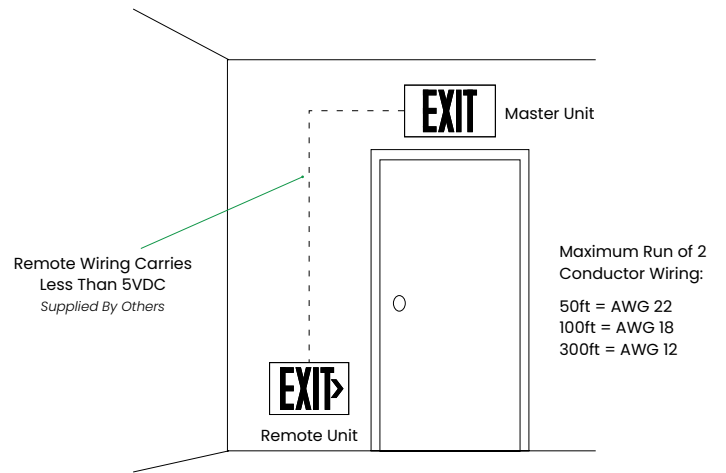
BRUSHED ALUMINUM FINISH  
With Hang Straight Pendant

## DIMENSIONS

### SURFACE MOUNT



## DIAGRAM



## MOUNTING

### UNIVERSAL MOUNT

