

## SmartSign K-2079-HI-12x18

# SmartSign "Speed Limit 5 MPH" Sign Instruction Manual

Brand: SmartSign | Model: K-2079-HI-12x18

## INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your SmartSign "Speed Limit 5 MPH" sign. Designed for durability and high visibility, this sign is an essential tool for traffic management and safety in various environments.



Figure 1: Front view of the SmartSign "Speed Limit 5 MPH" sign, displaying clear black text on a reflective white background.

## PRODUCT FEATURES

The SmartSign "Speed Limit 5 MPH" sign is engineered with high-quality materials and advanced features to ensure long-lasting performance and effective communication.

- **Durable Aluminum Construction:** Made from 63 mil thick rustproof aluminum, ensuring resilience against environmental factors.
- **3M High-Intensity Grade Reflectivity:** Utilizes 3M reflective film, providing up to three times more reflectance than engineer grade signs, enhancing visibility, especially at night and from various angles.
- **Laminated Protection:** Features a clear UV laminate that protects graphics from weather, abuse, chemicals, and UV rays, also allowing for easy cleaning of graffiti.
- **Pre-Drilled Holes:** Equipped with rounded, burr-free corners and 3/8 inch punched, pre-cleared holes for straightforward installation.
- **Industrial Grade & UV Resistant:** Designed for outdoor life with a wide temperature range tolerance (-40°F to +176°F).



Figure 2: Key features of the SmartSign, highlighting its robust construction and reflective properties.

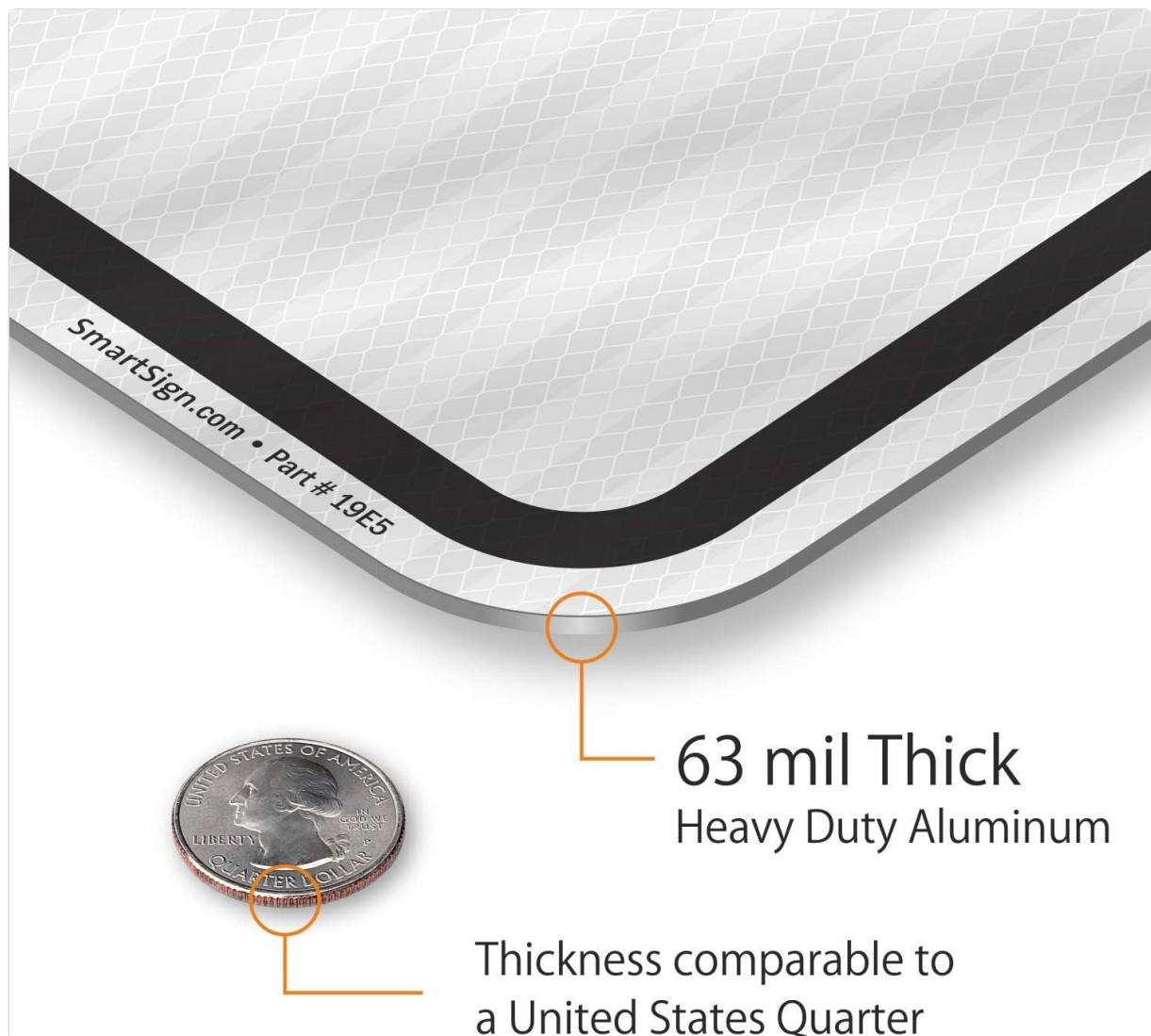


Figure 3: Illustration of the sign's 63 mil thick heavy-duty aluminum construction, comparable to the thickness of a US quarter.

## SETUP AND INSTALLATION

Proper installation ensures the sign's effectiveness and longevity. The sign is designed for easy mounting on various surfaces.

### Mounting Instructions:

1. **Prepare Mounting Surface:** Ensure the surface (U-channel post, square or round galvanized post, wooden post, or chain-link fence) is clean and stable.
2. **Align Sign:** Position the sign at the desired height and location. The sign features pre-drilled 3/8 inch holes for convenience.
3. **Secure Fasteners:** Use appropriate fasteners (not included) such as bolts, screws, or zip ties, depending on the mounting surface, to secure the sign through the pre-drilled holes. Ensure the fasteners are tightened sufficiently to prevent movement but do not overtighten to avoid damaging the sign.



Figure 4: Dimensional diagram of the sign, indicating 12" x 18" size and 3/8" pre-drilled holes for mounting.

## OPERATION

The SmartSign "Speed Limit 5 MPH" sign operates passively by clearly displaying the speed limit. Its primary function is to provide visual communication to drivers and pedestrians, promoting safety and



adherence to designated speed zones.

### Visibility:

- **Daytime:** The bold black text on a white background ensures high contrast and readability in daylight conditions.
- **Nighttime:** The 3M High-Intensity Grade reflective material significantly enhances visibility in low-light conditions and at night when illuminated by vehicle headlights. This ensures the sign remains effective 24/7.



Figure 5: The sign's reflective properties are clearly visible, demonstrating its effectiveness during nighttime conditions.

### MAINTENANCE

To ensure your SmartSign maintains its optimal appearance and functionality, follow these simple maintenance guidelines:

- **Cleaning:** Periodically clean the sign surface with a soft cloth and mild soap and water. Avoid abrasive cleaners or harsh chemicals that could damage the laminate or reflective material.
- **Graffiti Removal:** The laminated surface allows for easy removal of graffiti. Use appropriate graffiti cleaning solutions as recommended for laminated surfaces, wiping gently to avoid scratching.

- **Inspection:** Regularly inspect the sign for any signs of damage, such as bends, cracks, or fading. Ensure mounting hardware remains secure.

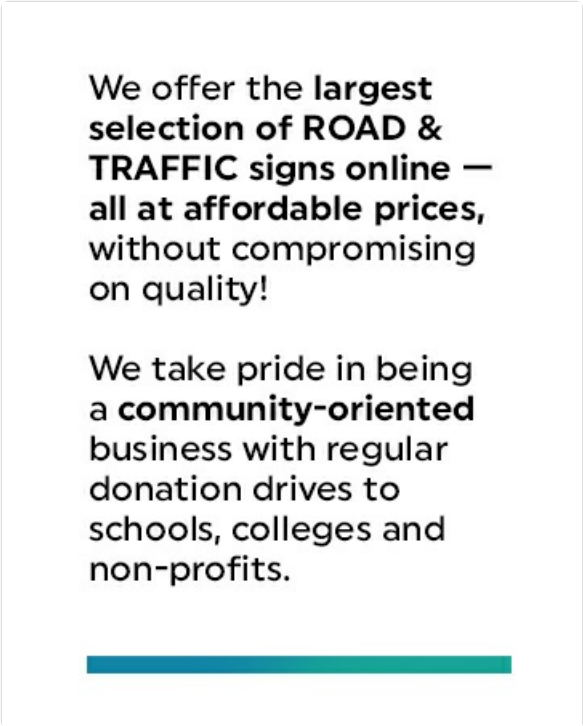


Figure 6: The sign's durable construction and laminated finish contribute to its long-term appearance and ease of maintenance.

## TROUBLESHOOTING

While the SmartSign is designed for durability, here are some common issues and their potential solutions:

Issue	Possible Cause	Solution
Reduced Reflectivity at Night	Dirt, grime, or debris on the sign surface.	Clean the sign surface thoroughly with mild soap and water.
Sign Appears Loose or Wobbly	Loose mounting hardware or damaged post.	Check and tighten all mounting fasteners. Inspect the mounting post for damage and repair or replace if necessary.
Fading or Discoloration	Extreme prolonged exposure to harsh UV rays (unlikely due to UV laminate).	While highly resistant, extreme conditions over many years might cause minimal fading. No direct solution other than replacement if significant.

## SPECIFICATIONS

Attribute	Detail
Model Number	K-2079-HI-12x18
Dimensions	12" x 18" (0.08 x 12 x 18 inches)

Attribute	Detail
Material	63 mil Thick Rustproof Aluminum
Reflectivity Grade	3M High-Intensity Grade
Lamination	Clear UV Laminate
Item Weight	1.34 pounds
Mounting Type	Wall Mount (pre-drilled holes)
Temperature Range	-40°F to +176°F
Outdoor Life Expectancy	More than 10 years durability

## WARRANTY INFORMATION

SmartSign products are manufactured to high standards, ensuring long-term performance. This sign is designed for more than 10 years of durability under normal outdoor conditions, backed by the quality of 3M materials and SmartSign's manufacturing expertise.

For specific warranty claims or details, please refer to the official SmartSign website or contact their customer service directly.

## SUPPORT AND CONTACT



For further assistance, technical support, or inquiries regarding your SmartSign "Speed Limit 5 MPH" sign, please visit the official SmartSign store or contact their customer service department.

**SmartSign Official Store:** [Visit SmartSign Store on Amazon](#)

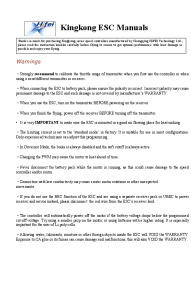
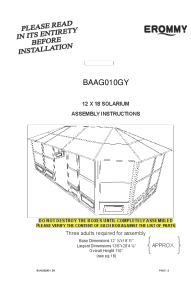

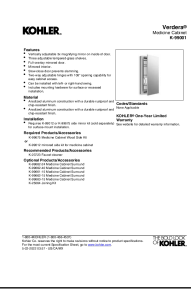
Please have your model number (K-2079-HI-12x18) ready when contacting support for faster service.

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## Related Documents - K-2079-HI-12x18

	<p><a href="#">Blue Tides Blanket Crochet Pattern   Premier Yarns</a></p> <p>Free crochet pattern for the Blue Tides Blanket by Premier Yarns. Learn to create this beautiful striped blanket using V-stitches with detailed instructions, materials list, and designer information.</p>
	<p><a href="#">PDQ Cross Reference Guide: Locks, Exit Devices, Door Closers, Hinges</a></p> <p>A comprehensive cross-reference guide from PDQ, detailing specifications and cross-compatibility for their range of mortise locks, cylindrical locks, exit devices, door closers, and commercial hinges. Includes typical applications and situations.</p>



	<p><a href="#">Hifei Kingkong ESC Manuals: Installation, Operation, and Specifications</a></p> <p>Comprehensive manual for Hifei Kingkong series Electronic Speed Controllers (ESCs), covering warnings, introduction, unique features, specifications, ESC usage, software installation, PC connection, software operation, and appendix with detailed parameter options for RC aircraft.</p>
	<p><a href="#">EROMMY BAAG010GY 12x18 Solarium Assembly Instructions and Guide</a></p> <p>Comprehensive assembly instructions and guide for the EROMMY BAAG010GY 12x18 Solarium. Learn how to safely install and maintain your solarium with detailed steps, parts lists, and important warnings.</p>
	<p><a href="#">K&amp;K Systems Trailer Mounted Message Board Operating and Programming Manual</a></p> <p>Comprehensive operating and programming manual for K&amp;K Systems trailer-mounted message boards, covering setup, safety, maintenance, and troubleshooting for traffic safety applications.</p>
	<p><a href="#">Kohler Verdera K-99001 Medicine Cabinet - Features, Dimensions, and Installation Guide</a></p> <p>Detailed specification sheet for the Kohler Verdera K-99001 medicine cabinet. This document outlines its features, anodized aluminum material, installation requirements, product dimensions, and recommended accessories. Includes notes for surface and recess mounting.</p>