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KLEIN TOOLS 935R

Klein Tools 935R Magnetic Aluminum Torpedo Level User Manual

Model: 935R

1. INTRODUCTION

This manual provides instructions for the safe and effective use of the Klein Tools 935R 9-Inch Magnetic Aluminum Torpedo Level. This durable and versatile tool is designed for various leveling tasks in construction, carpentry, plumbing, and electrical work.



Image 1.1: The Klein Tools 935R Magnetic Aluminum Torpedo Level, showcasing its orange body and aluminum frame.

2. SAFETY INFORMATION

WARNING:

- Always wear approved eye protection when using tools.
- Keep the level clean and free from debris to ensure accurate readings.
- Do not use the level as a prying tool or for any purpose other than its intended use.
- Magnets are powerful; keep away from sensitive electronic devices and magnetic storage media.

3. PRODUCT OVERVIEW

The Klein Tools 935R Torpedo Level is engineered for durability and ease of use. Key features include:

- **Durable Construction:** Rugged aluminum exterior with a highly visible orange body.
- **Multiple Vials:** Three large, easy-to-read spirit vials for 0° (level), 45°, and 90° measurements.

- **Top-View Vial Window:** Allows for easy readability from various angles.
- **Powerful Magnets:** Rare-earth magnets securely attach the level to ferrous metal surfaces.
- **V-Groove:** Designed to fit snugly on conduit, pipes, and other rounded surfaces.
- **Tapered Nose:** Facilitates access into tight spaces, pockets, and corners.

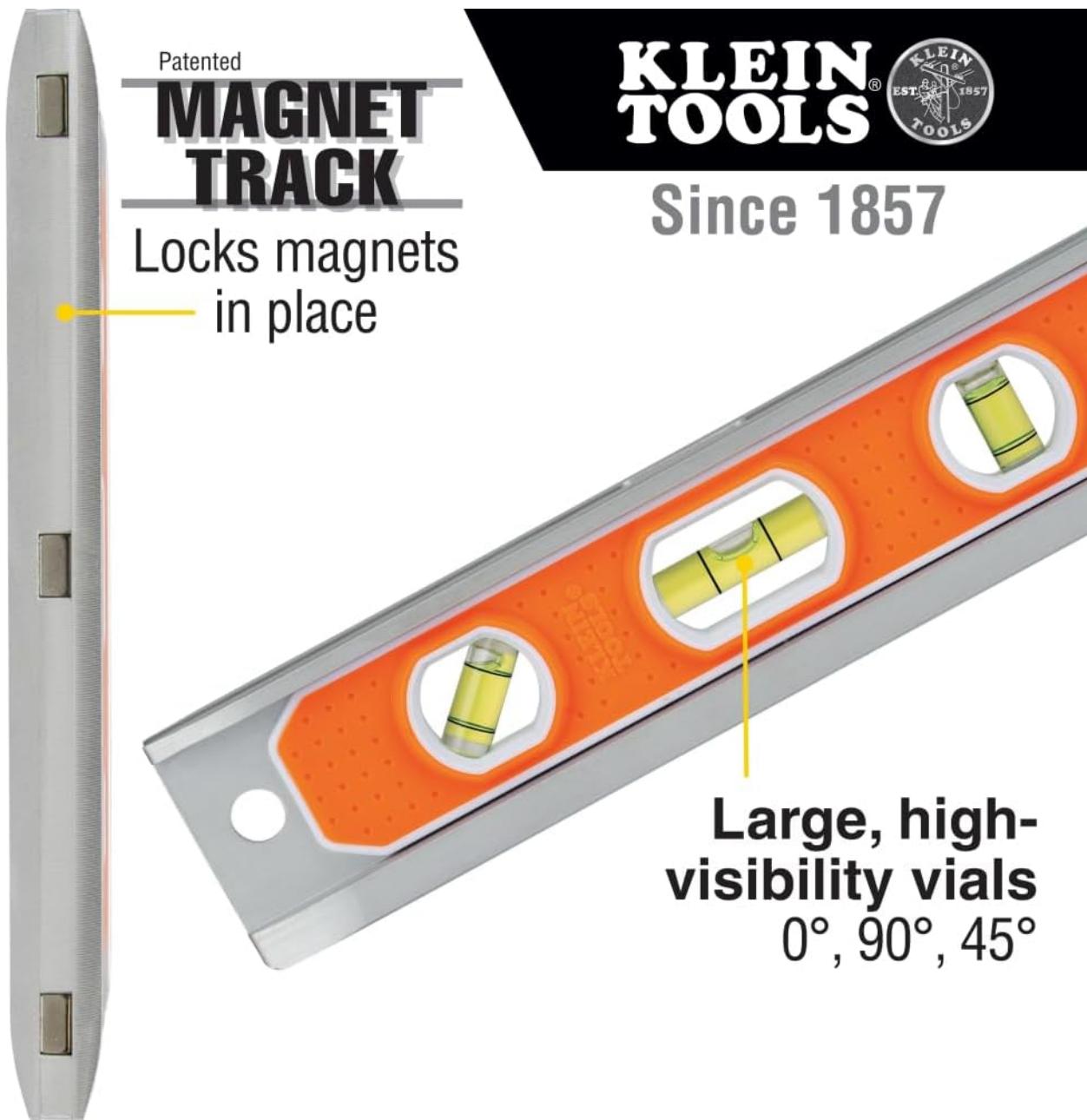
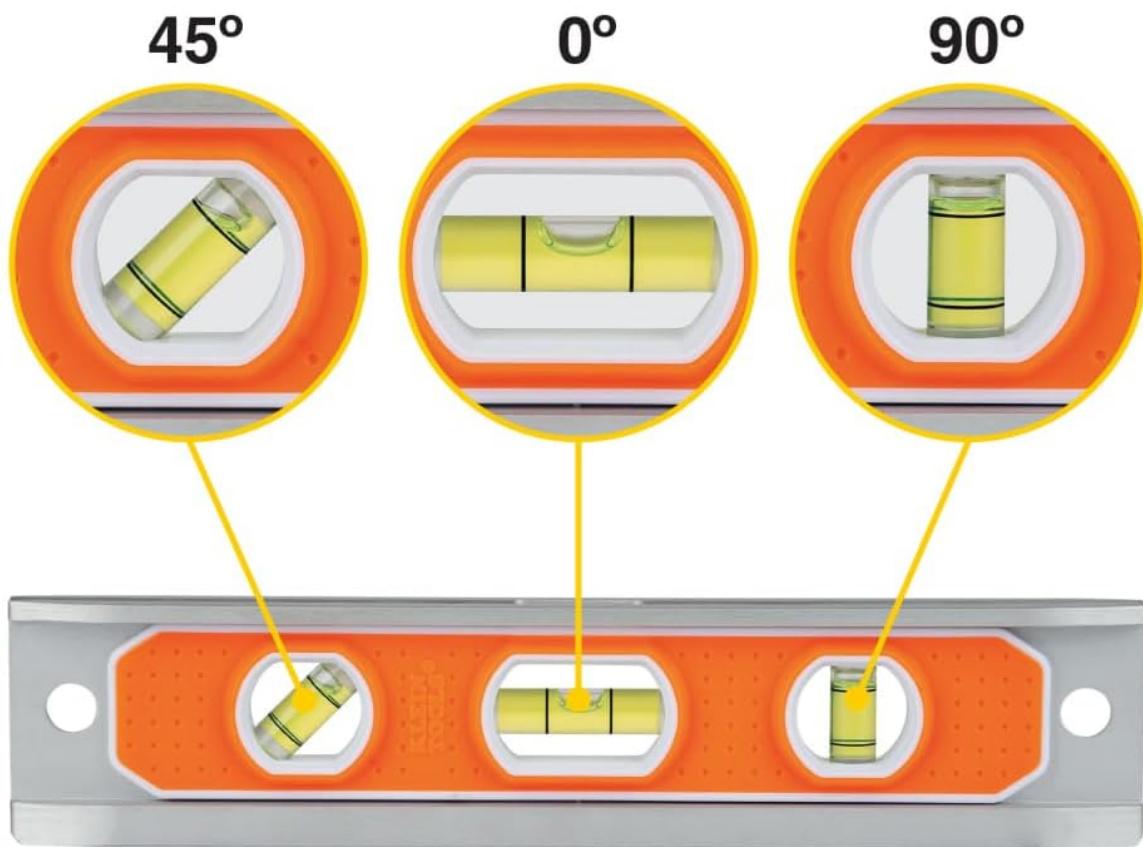


Image 3.1: Close-up view highlighting the patented magnet track and large, high-visibility vials for 0°, 90°, and 45° angles.

LARGE, HIGH-VISIBILITY VIALS



KLEIN
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Image 3.2: Illustration of the 45°, 0°, and 90° vials, showing how to read each angle.

TOP VIEW VIAL WINDOWS



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Image 3.3: The top-view vial window, providing enhanced visibility for overhead or awkward angles.



Image 3.4: Bottom view of the level, showing the powerful rare-earth magnets embedded for secure attachment.



Image 3.5: End view of the level, illustrating the V-groove design for stability on rounded surfaces.

4. SETUP

The Klein Tools 935R Torpedo Level requires no assembly or batteries. It is ready for immediate use upon removal from packaging.

1. **Unpack:** Carefully remove the level from its packaging.
2. **Inspect:** Check the level for any visible damage. Ensure the vials are clear and intact.
3. **Clean:** Wipe down the level with a clean, dry cloth to remove any dust or manufacturing residue.

5. OPERATING INSTRUCTIONS

To achieve accurate measurements, ensure the level is placed firmly and evenly on the surface being measured.

5.1. Reading the Vials

The level features three vials: horizontal (0°), vertical (90°), and 45°.

- **Level (0°):** For horizontal surfaces. The bubble should be centered between the two black lines.
- **Plumb (90°):** For vertical surfaces. The bubble should be centered between the two black lines.
- **45° Angle:** For diagonal surfaces. The bubble should be centered between the two black lines.

The top-view vial window allows for easier reading when the level is positioned in certain orientations, such as against a wall or overhead.

5.2. Using the Magnetic Base

The powerful rare-earth magnets allow the level to adhere to ferrous metal surfaces, providing hands-free operation.

1. Place the magnetic side of the level firmly against the metal surface (e.g., steel studs, conduit, junction boxes).
2. Adjust the position until the desired vial bubble is centered.



Image 5.1: A worker using the Klein Tools 935R level magnetically attached to a metal strut for hands-free leveling.



Image 5.2: The level magnetically secured to a metal stud, demonstrating its vertical leveling capability.

5.3. Using the V-Groove

The V-groove is designed for stability on rounded objects.

1. Align the V-groove along the length of the conduit, pipe, or railing.
2. Ensure the level is stable before taking a reading.

5.4. General Usage Examples

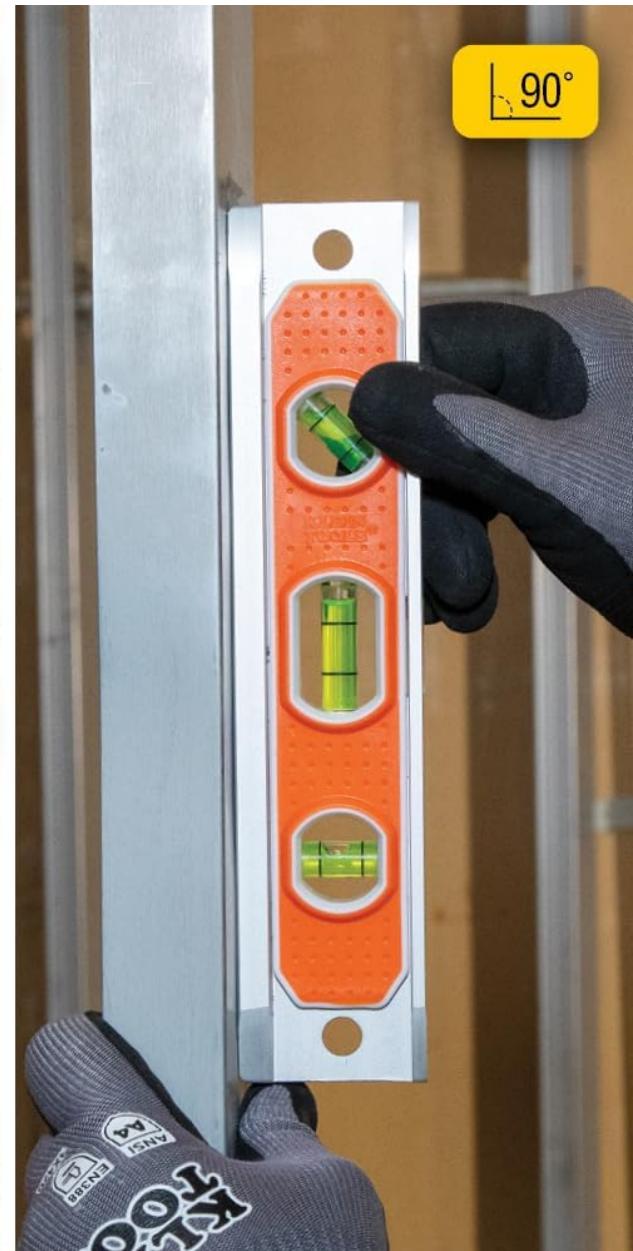
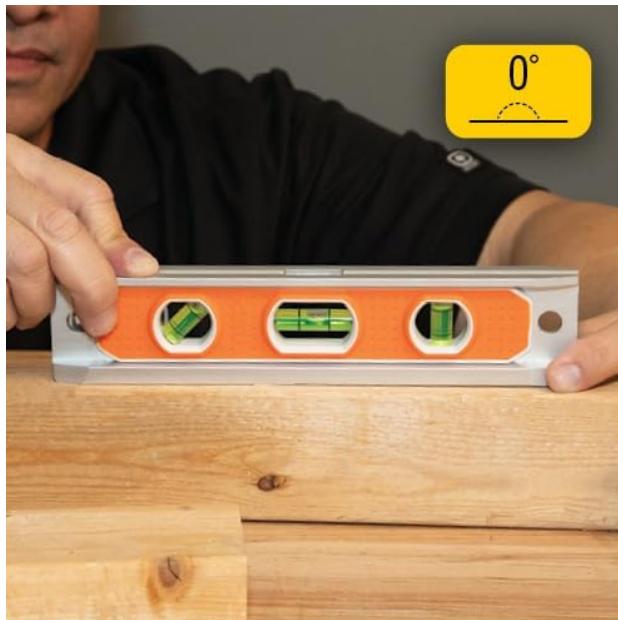


Image 5.3: Collage showing the level being used to check horizontal (0°), 45° diagonal, and vertical (90°) alignments on various surfaces.



Image 5.4: The level in practical applications, including aligning a picture frame and checking the level of a shelf.



Image 5.5: The compact size and tapered nose of the level, making it easy to store in a tool bag or pocket.

6. MAINTENANCE

Proper maintenance ensures the longevity and accuracy of your level.

- **Cleaning:** Wipe the level with a soft, damp cloth after each use to remove dirt, dust, or debris. Avoid abrasive cleaners or solvents that could damage the finish or vials.
- **Storage:** Store the level in a dry place, away from extreme temperatures. Protect it from impacts that could affect its accuracy.
- **Inspection:** Periodically check the vials for clarity and ensure the liquid is free of bubbles other than the indicator bubble.

7. TROUBLESHOOTING

If you encounter issues with your Klein Tools 935R level, consider the following:

- **Inaccurate Readings:**

- Ensure the level is clean and free of obstructions.
- Verify the surface being measured is stable and flat.
- Check for physical damage to the level or vials. A damaged level may require replacement.

- **Magnets Not Holding:**

- Ensure the surface is ferrous metal and clean.
- Check for excessive paint or coatings on the metal surface that might reduce magnetic adhesion.

8. SPECIFICATIONS

Feature	Detail
Brand	KLEIN TOOLS
Model Number	935R
Material	Aluminum
Color	Aluminum Level (Orange accents)
Item Weight	8.5 Ounces (approx. 241 grams)
Product Dimensions	9 x 1.6 x 0.65 inches (approx. 22.86 x 4.06 x 1.65 cm)
Vial Angles	0° (Level), 45°, 90° (Plumb)
Special Features	Magnetic Base, V-Groove, Tapered Nose, Top-View Vial Window
Operation Mode	Manual
UPC	092644935015

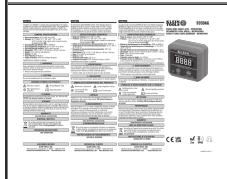
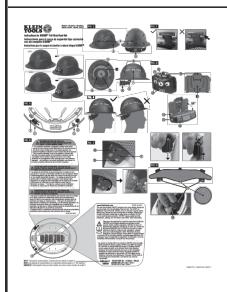
9. WARRANTY AND SUPPORT

This Klein Tools 935R Level comes with a **1-year manufacturer's warranty**. For warranty claims, technical support, or further assistance, please contact Klein Tools customer service directly or visit their official website.

For more information, visit: www.kleintools.com

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Related Documents - 935R

	<p>Klein Tools 93RLS Green Rotary Laser Level Instruction Manual</p> <p>Comprehensive instruction manual for the Klein Tools 93RLS Green Rotary Laser Level. Covers features, specifications, operating instructions, safety warnings, maintenance, and troubleshooting for the laser level, detector, and grading rod.</p>
	<p>Klein Tools 935DAG Digital Angle Gauge and Level Instructions</p> <p>Comprehensive instructions for the Klein Tools 935DAG Digital Angle Gauge and Level, covering general specifications, features, buttons, functions, recalibration, and battery replacement.</p>
	<p>Klein Tools 93LCLG Self-Leveling Green Cross Line Laser Level Instruction Manual</p> <p>Instruction manual for the Klein Tools 93LCLG Self-Leveling Green Cross Line Laser Level with Red Plumb Spot. Provides detailed information on features, specifications, operating instructions, maintenance, and safety warnings for accurate alignment and layout applications.</p>
	<p>Klein Tools MM450 Auto-Ranging TRMS Digital Multimeter Instruction Manual</p> <p>Explore the Klein Tools MM450 Auto-Ranging TRMS Digital Multimeter with this comprehensive instruction manual. Learn about its features for measuring AC/DC voltage, current, resistance, capacitance, frequency, temperature, and more. Includes detailed specifications and safety guidelines.</p>
	<p>Klein Tools KARBNT™ Full-Brim Hard Hat: User Manual, Specs & Safety Guide</p> <p>Detailed instructions and specifications for the Klein Tools KARBNT™ Full-Brim Hard Hat (Models 60626, 60345, 60346, 60347). Covers general specifications, fitting, adjustments, maintenance, safety warnings, and accessory compatibility.</p>
	<p>Klein Tools 93MCLPG Green Compact Cross Line Laser Level Instruction Manual</p> <p>This manual provides detailed instructions for operating and maintaining the Klein Tools 93MCLPG Green Compact Cross Line Laser Level with Plumb Spot. It covers general specifications, safety warnings, feature details, operating procedures, accuracy verification, battery replacement, cleaning, storage, and compliance information.</p>