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› RISEPRO 42cm Digital Torpedo Level - Inclinator and Angle Gauge with Magnetic Base and Red Backlight

RISEPRO 82112M-R

RISEPRO 42cm Digital Torpedo Level Instruction Manual

Model: 82112M-R

INTRODUCTION

Thank you for choosing the RISEPRO 42cm Digital Torpedo Level. This precision instrument is designed for accurate angle and level measurements in various applications, from construction to DIY projects. It features a clear digital display, magnetic base, and both absolute and relative measurement modes for versatility. Please read this manual thoroughly before use to ensure proper operation and to maximize the lifespan of your device.



Image: The RISEPRO Digital Torpedo Level shown with its retail packaging and included instruction manual.

PRODUCT FEATURES

- **Wide Measuring Range:** Measures slope angles across 4 x 90° quadrants, totaling a full 360° range.
- **Magnetic Base:** Equipped with 4 powerful built-in magnets for secure attachment to metallic surfaces, ensuring stable and hands-free operation.
- **Clear Backlit LCD:** Features a large, easy-to-read LCD screen with a red backlight for visibility in various lighting conditions.
- **Absolute and Relative Measurement Modes:** Allows for both absolute angle measurement (relative to true horizontal) and relative angle measurement (relative to a user-defined zero surface).
- **Always Vertical Reading:** The digital display automatically rotates to ensure the reading is always upright, regardless of the level's orientation.
- **Rugged Construction:** Designed to withstand moist and dusty conditions, making it suitable for various work environments.

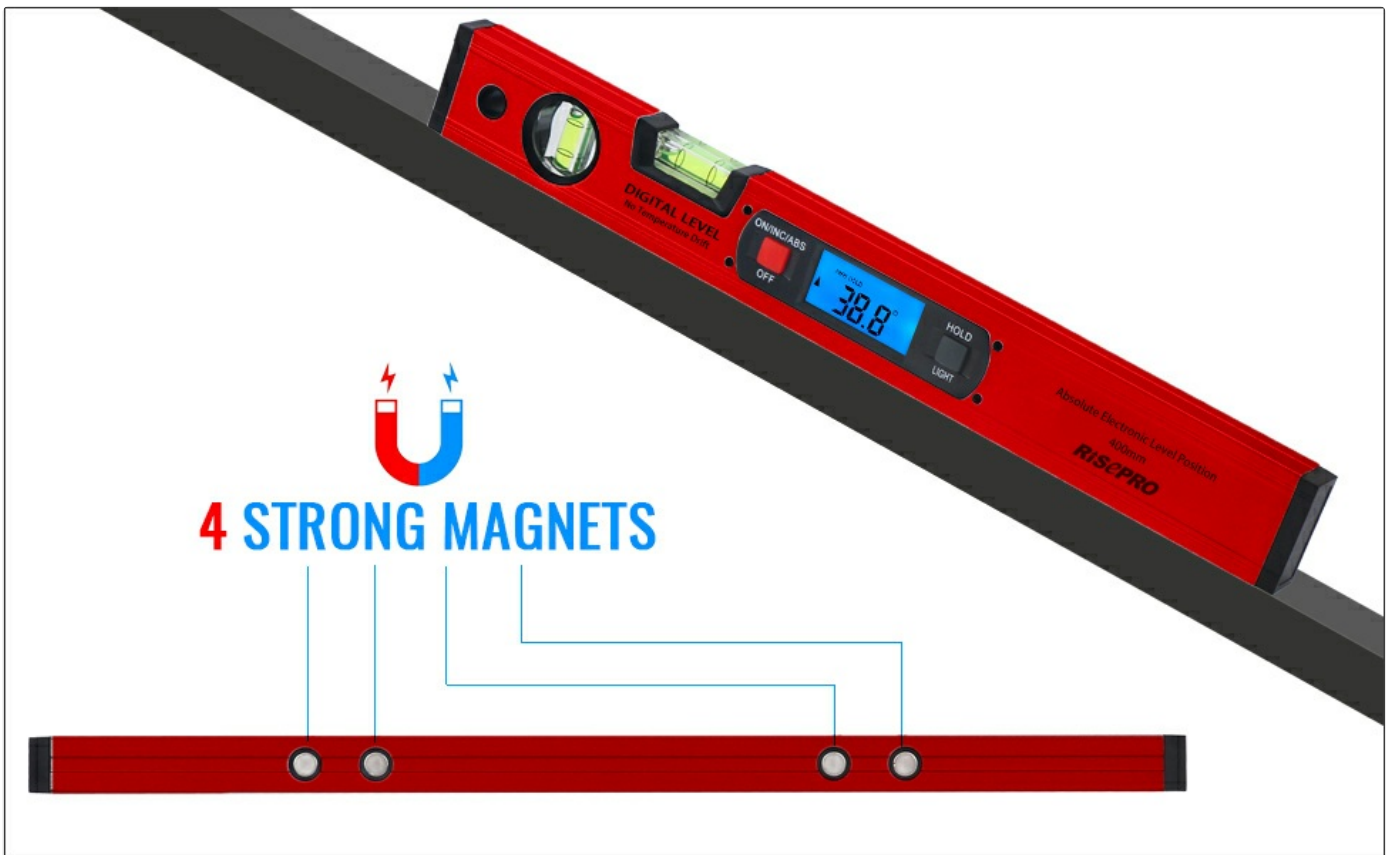


Image: Illustration highlighting the four strong magnets integrated into the base of the RISEPRO Digital Torpedo Level.

RUGGED STRUCTURE

IDEAL FOR MOIST AND DUSTY CONDITIONS



Image: The digital level depicted in a wet environment, emphasizing its rugged construction suitable for moist and dusty conditions.

PRODUCT OVERVIEW



Image: Detailed diagram illustrating the various parts and controls of the digital level, including the spirit bubbles, buttons, LCD display, and magnetic base.

1. **Vertical Spirit Bubble:** For traditional vertical leveling.
2. **Horizontal Spirit Bubble:** For traditional horizontal leveling.
3. **ON/INC/ABS/OFF Key:** Powers the device on/off, switches between incremental (relative) and absolute modes.
4. **LCD Display:** Shows angle/slope, deviation, and mode indicators.
5. **HOLD/LIGHT Key:** Freezes the current reading on the display; long press activates/deactivates the backlight.
6. **Battery Compartment:** Located at the back for battery installation.
7. **Strong Magnets:** Four magnets on the base for secure attachment.

PACKAGE CONTENTS

- 1 x RISEPRO 42cm Digital Torpedo Level
- 2 x AAA Batteries

- 1 x Instruction Manual

SETUP

Battery Installation

1. Locate the battery compartment cover on the back of the device.
2. Slide the cover open.
3. Insert two AAA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment cover securely.

Note: Always use fresh batteries and remove them if the device will not be used for an extended period to prevent leakage.

OPERATING INSTRUCTIONS

Power On/Off

- Press the **ON/INC/ABS/OFF** key once to turn the device on.
- Press and hold the **ON/INC/ABS/OFF** key for approximately 3 seconds to turn the device off.

Absolute and Relative Measurement Modes

The device offers two measurement modes:

- **Absolute Mode (ABS):** Measures the angle relative to a true horizontal plane. When the device is powered on, it defaults to Absolute Mode. The display will show 'ABS'.
- **Relative Mode (INC):** Measures the angle relative to a user-defined zero surface. This is useful for finding the difference in angle between two surfaces or setting a specific angle relative to a non-level reference.

To switch between modes, press the **ON/INC/ABS/OFF** key briefly while the device is on. The display will indicate 'ABS' for Absolute Mode or 'INC' for Relative Mode.

Using Relative Mode:

1. Place the level on your desired reference surface.
2. Press the **ON/INC/ABS/OFF** key to enter Relative Mode ('INC' will be displayed). The current angle will be set as 0.0°.
3. Move the level to the surface you wish to measure. The display will show the angle relative to your set zero point.

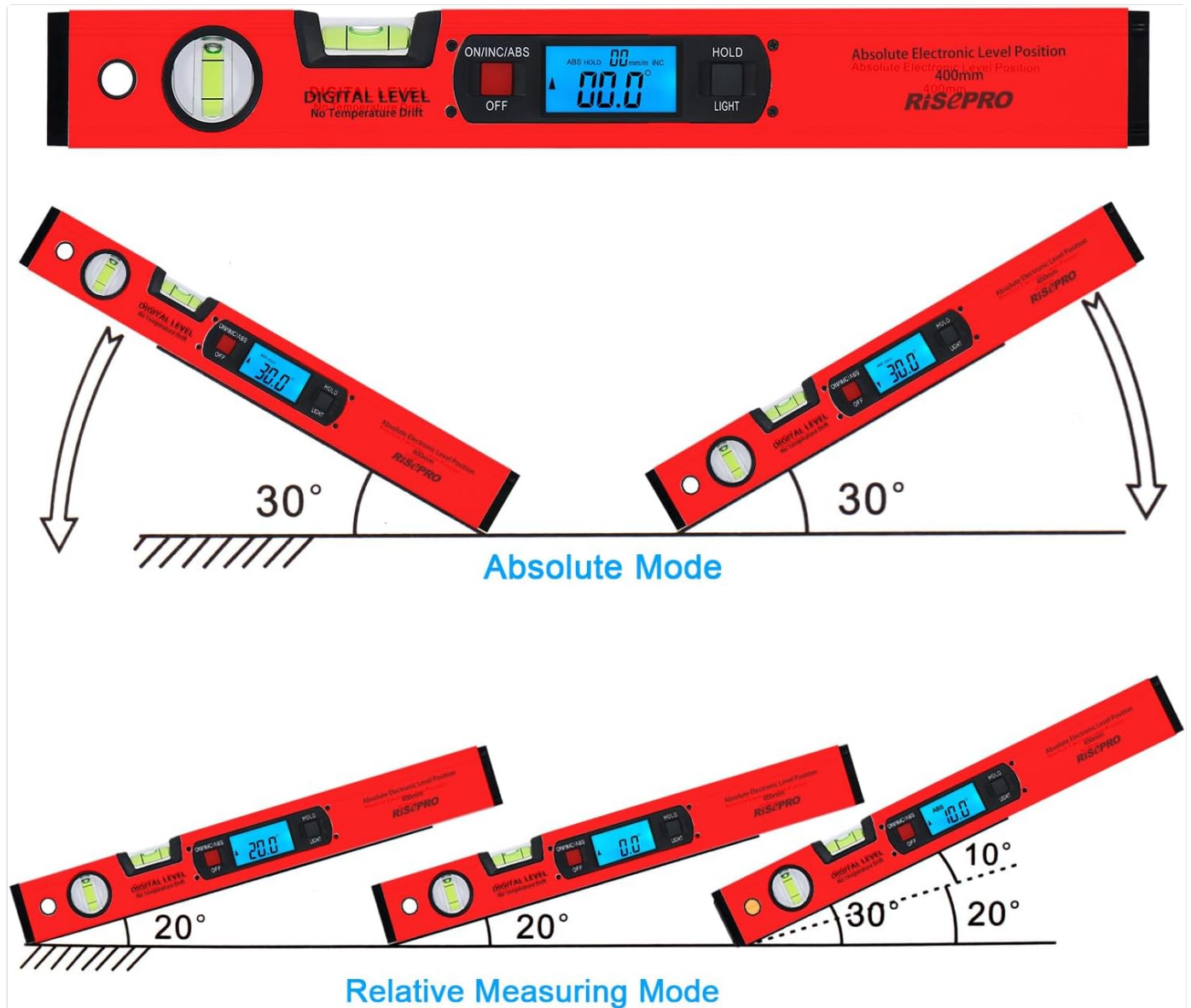


Image: Visual explanation of how Absolute and Relative Measurement Modes function, showing the level at different angles.

Hold Function

Press the **HOLD/LIGHT** key briefly to freeze the current reading on the display. The 'HOLD' indicator will appear. Press the key again to release the hold and resume live measurement.

Backlight Control

Press and hold the **HOLD/LIGHT** key for approximately 2 seconds to turn the LCD backlight on or off. This feature is useful in dimly lit environments.

Always Vertical Reading

The digital display automatically inverts the numbers when the level is upside down, ensuring that the reading is always presented upright and easy to read.

Using the Magnetic Base

The strong magnets on the base allow the level to be securely attached to ferrous metal surfaces, providing stability for hands-free measurements. This is particularly useful for tasks involving metal framing, pipe installation, or machinery setup.



Image: Examples of the digital level being used to measure angles on horizontal, vertical, and inclined surfaces.



Image: A user demonstrating the digital level for horizontal leveling on a construction project.

MAINTENANCE

- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the level in a dry place, away from direct sunlight and extreme temperatures. If storing for extended periods, remove the batteries.
- **Avoid Impact:** While rugged, avoid dropping or subjecting the device to strong impacts, as this can affect its accuracy.

TROUBLESHOOTING

- **Display Not Working:** Check if the batteries are correctly installed and have sufficient charge. Replace batteries if necessary.
- **Inaccurate Readings:** Ensure the measurement surface is clean and free of debris. Recalibrate the device if persistent inaccuracies occur (refer to specific calibration instructions if provided in a separate document, or contact support).

- **Backlight Not Activating:** Ensure you are pressing and holding the**HOLD/LIGHT** key for at least 2 seconds.

SPECIFICATIONS

Feature	Specification
Model Number	82112M-R
Measuring Range	4 x 90° (360°)
Length	42 cm (approximately 16.5 inches)
Power Source	2 x AAA Batteries (included)
Display	LCD with Red Backlight
Magnetic Base	Yes, 4 strong magnets
Measurement Modes	Absolute (ABS) and Relative (INC)
Manufacturer	ONE WORLD COMPANY
Package Dimensions	43.79 x 6 x 2.9 cm
Weight	330 grams

WARRANTY AND SUPPORT

This product is covered by a standard manufacturer's warranty against defects in materials and workmanship. For specific warranty terms and conditions, please refer to the documentation included with your purchase or contact your retailer. For technical support or inquiries, please reach out to the customer service provided by your point of purchase.

Please retain your proof of purchase for any warranty claims.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question