

ToughBuilt TB-H2-L-9LH-M

ToughBuilt 9-inch Lighted Magnetic Box Level

Model: TB-H2-L-9LH-M

1. SAFETY INFORMATION

Read and understand all safety instructions before using this product. Failure to follow these instructions may result in injury or damage to the product.

- Always wear appropriate personal protective equipment (PPE) when working with tools.
- Keep the level clean and free from debris to ensure accurate readings.
- Do not expose the level to extreme temperatures or corrosive materials.
- Store the level in a dry, secure location when not in use.
- Keep batteries out of reach of children. Dispose of batteries according to local regulations.

2. PRODUCT OVERVIEW

The ToughBuilt 9-inch Lighted Magnetic Box Level is engineered for precision and durability in various work environments. Its compact design and advanced features make it suitable for professional and DIY applications.



Front view of the ToughBuilt 9-inch Lighted Magnetic Box Level, showcasing its robust design and illuminated vials.

Key Features:

- **Precision Milled:** Ensures high accuracy for critical leveling tasks.
- **LED-Lit Vials:** Provides enhanced visibility in low-light conditions.
- **Inset Vials:** Designed for increased protection against impacts.
- **Powerful Rare Earth Magnets:** Offers strong, secure hold on metal surfaces.
- **Intuitive LED Operation:** Simple button press for ease of use.
- **Shock-Absorbing Endcaps:** Provides added impact protection and durability.

9" LIT MAGNETIC BOX LEVEL



An annotated diagram highlighting key features of the level, including precision-milled construction, LED-lit vials, inset vials, powerful rare earth magnets, intuitive LED operation, and shock-absorbing endcaps.

3. SETUP

Battery Installation:

The ToughBuilt 9-inch Lighted Magnetic Box Level requires 2 AAA batteries (included) to power the LED-lit vials. To install or replace batteries:

1. Locate the battery compartment cover, typically on the side or back of the level.
2. Use a small screwdriver or coin to open the compartment cover.
3. Insert two AAA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Securely close the battery compartment cover.

4. OPERATING INSTRUCTIONS

Basic Leveling:

To check for level or plumb:

1. Place the level firmly against the surface you wish to check.
2. For horizontal (level) surfaces, observe the bubble in the horizontal vial. The surface is level when the bubble is centered between the two indicator lines.
3. For vertical (plumb) surfaces, observe the bubble in the vertical vial. The surface is plumb when the bubble is centered between the two indicator lines.

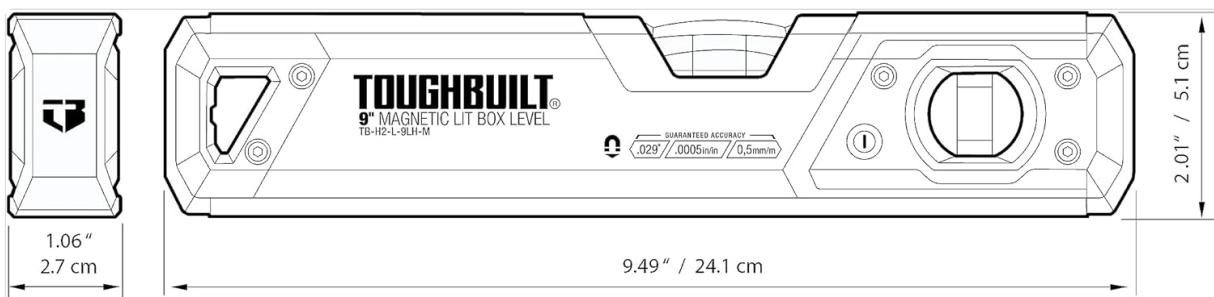


A person wearing safety glasses and gloves uses the ToughBuilt 9-inch Box Level to check the vertical alignment of a wooden stud.

Using the LED Light:

The integrated LED lights enhance visibility of the vials in dim lighting conditions.

1. Locate the power button on the side of the level.
2. Press the button once to activate the LED lights for the vials.
3. The lights will automatically shut off after approximately 3 minutes to conserve battery life.
4. To manually turn off the lights, press the power button again.



A finger pressing the orange LED light activation button located on the side of the ToughBuilt 9-inch Box Level.

Magnetic Function:

The powerful rare earth magnets allow the level to securely attach to ferrous metal surfaces, providing hands-free operation. Simply place the magnetic edge of the level onto the metal surface.

5. MAINTENANCE

Cleaning:

To maintain accuracy and extend the life of your level:

- Wipe the level clean with a soft, damp cloth after each use.
- Do not use abrasive cleaners or solvents, as these can damage the vials or the level's finish.
- Ensure the vials are clear of dirt and debris for unobstructed viewing.

Storage:

Store the level in a dry environment, away from direct sunlight and extreme temperatures. Protect it from impacts that could affect its calibration.

Battery Replacement:

Replace batteries when the LED lights dim or fail to illuminate. Refer to the 'Battery Installation' section for detailed steps.

6. TROUBLESHOOTING

Common Issues:

- **LED lights not working:** Check battery installation and ensure batteries are not depleted. Replace if necessary.
- **Inaccurate readings:** Ensure the level is clean and free of debris. Verify that the surface being measured is stable. If persistent inaccuracy occurs, the level may require professional calibration.
- **Level not adhering magnetically:** Ensure the surface is ferrous metal and clean. Magnets may not hold on painted or coated surfaces as effectively.

7. SPECIFICATIONS

Specification	Value
Model Number	TB-H2-L-9LH-M
Length	9 inches (22.9 cm)
Material	Aluminum
Accuracy	Up to .029° (.0005"/in, 0.5mm/m)
Batteries Required	2 AAA (included)
Auto Shutoff	3 minutes (LED lights)

Item Weight	227 g
Product Dimensions	2.82 x 7.9 x 35 cm



A detailed technical drawing of the ToughBuilt 9-inch Box Level, showing its length (9.49 inches / 24.1 cm), width (2.01 inches / 5.1 cm), and thickness (1.06 inches / 2.7 cm).

8. WARRANTY AND SUPPORT

ToughBuilt products are manufactured to high standards and are designed for durability. For information regarding warranty coverage, product registration, or technical support, please visit the official ToughBuilt website or contact their customer service department. Keep your purchase receipt as proof of purchase. For further assistance, please refer to the contact information provided with your product packaging or on the manufacturer's website.