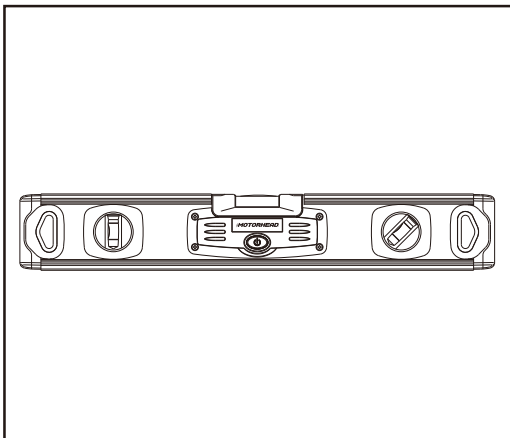




**16" LED Level
(MH-02-LL-B1-16-1)**



Customer Service

Phone # 1-866-608-5212

E-Mail: support@motorheadtool.com

Register your tool on MOTORHEADTOOL.COM for a Free
Extended Warranty!



Specifications

- Horizontal, Vertical and Diagonal bubble vials
- Vials light Red and Green for precise leveling
- Beep function for precise leveling
- User calibration capability
- Low battery power indication
- Automatic shut-off after 60 seconds of non-operation
- Magnetic base attaches to steel surfaces to facilitate diagonal and vertical operation
- Uses 3 AAA batteries for electronic functions
- Electronic function operating temperature range:
32°F (0°C) to 104°F (40°C)
- Water Resistance: Water resistant, but not waterproof

Operating Precautions

WARNING: For adult use only. This product is not a toy. Keep out of reach of children.

WARNING: For adult use only. Not for children 17 years of age or younger.

WARNING: Wear safety goggles - user and bystander



Battery Safety

⚠ Warning:

- Batteries can explode or leak and can cause injury or fire. To reduce this risk:
ALWAYS follow all instructions and warnings on the battery label and package.
DO NOT short any battery terminals
DO NOT charge alkaline batteries.
DO NOT mix old and new batteries. Replace all of them at the same time with new batteries of the same brand and type.
DO NOT mix battery chemistries.
DO NOT dispose of batteries in fire.
ALWAYS keep batteries out of reach of children.
ALWAYS remove batteries if the device will not be used for several months.

NOTE:

- Ensure that the correct batteries as recommended are used.
- Ensure the batteries are inserted in the correct manner, with the correct polarity.

End of Life

DO NOT dispose of this product with household waste.
ALWAYS dispose of batteries per local code.
PLEASE RECYCLE in line with local provisions for the collection and disposal of electrical and electronic waste under the WEEE Directive.

Declaration of Conformity

MOTORHEAD declares that the CE Mark has been applied to this product in accordance with the CE Marking Directive 93/68/EEC.



This product conforms with EN61326-1:2013. For further details please refer to www.motorheadtool.com.

Maintenance and Care

- Level is not waterproof.

DO NOT allow to get wet. Damage to internal circuits may result.

DO NOT leave level in direct sunlight or expose it to high temperatures. The housing and some internal parts are made of plastic and may become deformed at high temperatures.

DO NOT store the level in a cold environment. Moisture may form on interior parts when warming up. This moisture could cause corrosion of internal circuit boards.

NOTE: When working in dusty locations, some dirt may collect on the display. Remove any moisture or dirt with a soft, dry cloth.

DO NOT use aggressive cleaning agents or solvents.



Functions:

On/Off

1. To turn the tool electronic functions on, press the On/Off button for 1 to 2 seconds. The level vials will light up and the tool will beep once to indicate that its electronic functions are ready to use.
2. To turn the electronic functions off, press and release the On/Off button.

Horizontal level operation (0°)

1. When the level is placed on a horizontal surface, and determines the surface to be perfectly level between 0° and 0.1° from level), the top vial will light solid GREEN and the tool will beep 3 times.
2. If the surface is slightly off-horizontal (= between 0.1° and 0.5° from level), which is acceptable for most applications, the top vial will flash GREEN continuously.
3. If the surface is not acceptably horizontal (more than 0.5° from level), the top vial will light up solid RED.

Diagonal level operation (45°)

1. When the level is placed on a surface to determine a diagonal surface ($45 \pm 0.2^\circ$), the diagonal vial (right of On/Off button) will light solid GREEN and the tool will beep 3 times.
2. If the surface is slightly off-diagonal (= between 0.2° and 0.5° from 45°), which is acceptable for most applications, the diagonal vial will flash GREEN continuously.
3. If the surface is not acceptably diagonal (more than 0.5° from 45°), the diagonal vial will light up solid RED.



Vertical level operation (90°)

1. When the level is placed on a surface to determine a vertical surface ($90 \pm 0.1^\circ$), the vertical vial (left of On/Off button) will light solid GREEN and the tool will beep 3 times.
2. If the surface is slightly off-vertical (= between 0.1° and 0.5° from 90°), which is acceptable for most applications, the vertical vial will flash GREEN continuously.
3. If the surface is not acceptably vertical (more than 0.5° from 90°), the vertical vial will light up solid RED.

Sleep Function

When the level is idle for 60 seconds all of the electronic functions automatically turn off. Press the On/Off button for 1 to 2 seconds to turn electronic functions back on.

Low Battery Power Indication

When battery power falls below what is needed for proper tool electronic functionality, the top vial will flicker RED to indicate that the batteries need to be replaced.

Level Calibration

The level has been calibrated at the factory prior to shipment. However, circumstances such as the process of shipping and handling, or dropping the level onto a hard surface, may cause it to fall out of calibration. To recalibrate the level, perform the following procedure.

Note: The calibration shall be operated on horizontal platform.

1. With the electronic functions turned off, place the level on a horizontal surface where the bubble in the top vial is perfectly centered. (FIG 1)
2. Press the On/Off button so that the tool beeps 3 times and the top vial turns solid Green.
3. Press and hold the On/Off button approximately 5 seconds until the top vial flashes RED and beeps once.
4. Turn level upside down and rest it on the same horizontal surface. Wait for light to turn solid Green and beep 3 times. (FIG 2)
5. Turn level right side up and rest on the same surface. The light will remain solid Green and the tool will beep 3 times. The level is now correctly calibrated for horizontal, diagonal and vertical operation.



(FIG 1)



(FIG 2)

Note: If the level is not calibrated correctly, the tool will continue beeping, and the calibration procedure must be repeated.



Two-Year Limited Warranty

MOTORHEAD warrants its electronic measuring tools against deficiencies in materials and /or workmanship for two years from date of purchase WITH PROOF of SALE.

This Warranty does not cover deficiencies caused by accidental damage, wear and tear, use other than in accordance with the manufacturer's instructions or repair or alteration of this product not authorized by MOTORHEAD.

Repair or replacement under this Warranty does not affect the expiry date of the Warranty. To the extent permitted by law, MOTORHEAD shall not be liable under this Warranty for indirect or consequential loss resulting from deficiencies in this product. This Warranty may not be varied without the authorization of MOTORHEAD.

This Warranty does not affect the statutory rights of consumer purchasers of this product. This Warranty shall be governed by and construed in accordance with the laws of the country sold where in and MOTORHEAD and the purchaser each irrevocably agrees to submit to the exclusive jurisdiction of the courts of that country over any claim or matter arising under or in connection with this Warranty.

For warranty service please call MOTORHEAD Customer Service at **1-866-608-5212** or e-mail **support@motorheadtool.com**.

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⚠️ WARNING: This product can expose you to chemicals including lead and lead compounds, Di(2-ethylhexyl)phthalate (DEHP), which are known to the State of California to cause cancer, and chemicals including Di-n-butyl Phthalate (DBP), which are known to the State of California to cause birth defects or other reproductive harm.

For more information go to www.P65Warnings.ca.gov.

Customer Service: 1-866-608-5212

Monday - Friday

8:00 AM - 8:00 PM EST

support@motorheadtool.com