



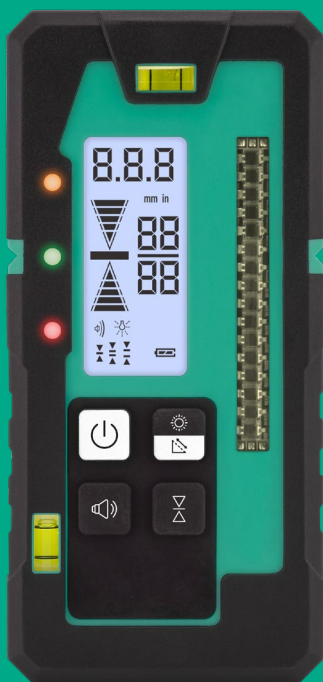
**GOBLIN
TOOLS**

SKU: DTXLHM7

Version 2026.1.1

DIGITAL MILLIMETRE DETECTOR & CLAMP

DTX-LHM7



INSTRUCTION MANUAL

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SAFETY

Read the following safety instructions before attempting to operate this tool.

Keep these instructions in a safe place or store in the carry case for future reference.

SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE.



WARNING!
Read and understand all instructions.

- Use the tool only with the specifically designated batteries.
- Use only accessories that are recommended for your model.
- Store the tool out of reach of children and other untrained persons. Laser tools are dangerous in the hands of untrained users.



WARNING!
Do Not Disassemble The Laser.

There are no user serviceable parts inside. Disassembling the tool will void all warranties on the product. Do not modify the product in any way. Modifying the tool may result in hazardous laser radiation exposure.



MADE IN
CHINA

DETECTOR COMPATIBILITY

This tool is compatible with all Goblin Tools line laser levels and most 3rd party line laser levels in red, green or purple beam.



It is recommended to check your measurement tool to determine compatibility with this detector. Please note that due to different technologies and frequencies, Goblin Tools cannot guarantee that this detector is compatible with all makes and models on the market. Not compatible with rotary laser levels.

ITEM CHECKLIST

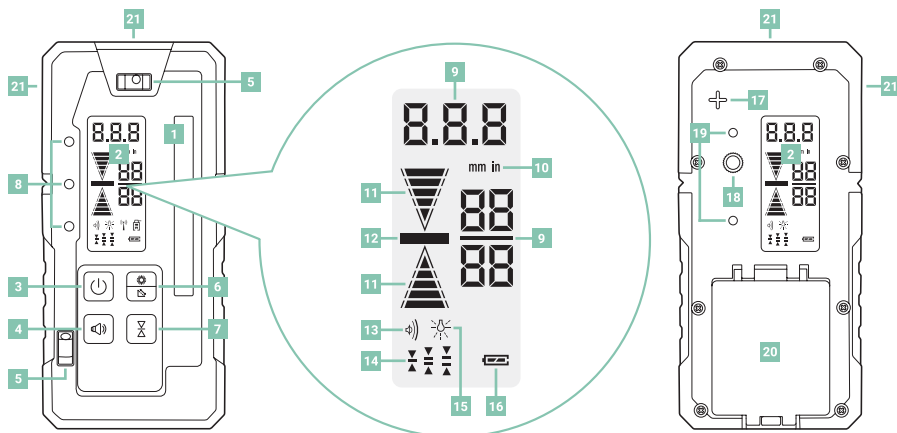
The following items are included with your digital detector.

1. Digital millimetre detector (DTX-LHM7)
2. Detector clamp
3. AAA alkaline battery (x4)

DETECTOR OVERVIEW

DTX-LHM7

- | | | |
|----------------------------------|-----------------------------|--------------------------------------|
| 1 Laser sensor | 8 LED indicator | 15 LCD backlight indicator |
| 2 LCD display screen | 9 Measurement indicator | 16 Battery level indicator |
| 3 Power on / off | 10 Measuring unit indicator | 17 Speaker |
| 4 Speaker on / off | 11 Arrow indicator | 18 1/4" x 20 thread for staff clamps |
| 5 Bubble vial | 12 Centre alignment | 19 Staff mounting points |
| 6 LCD backlight / measuring unit | 13 Speaker indicator | 20 Battery compartment |
| 7 Detection mode | 14 Detection mode indicator | 21 Magnets |



USING THE DETECTOR

POWER SUPPLY

- The detector is supplied with 4x AAA alkaline batteries as its power source.

Removing & inserting the alkaline batteries

- Remove the battery cover door and the batteries.
- Insert the new batteries according to polarity and replace the battery door.

SET-UP

Mounting the staff clamp

- Insert the staff clamp screw into the staff clamp thread.
- Rotate the nut until the clamp is secured in place.
- The clamp can be used to attach the detector to a staff or other reference point.

USING THE DETECTOR (CONTINUED)

OPERATION

Powering on / off

- Switch the detector on by pressing the **power button**. The LCD screen will turn on and the speaker will emit a small tone to indicate the instrument is operating.
- The LCD screen will display the battery level, detection mode, measurement unit and speaker function.
- Press the **power button** to turn the detector off.

Operation with the line laser level

- Activate pulse mode on the laser level.
- Move the detector into the path of the beam. Hold the detector upright for horizontal beams or rotate 90° for vertical beams (Fig.1).
- The direction arrows or level line on the LCD screen will indicate the position of the laser beam. The digital display will indicate a millimetre reading of the adjustment required (Fig.2 & Fig.3).
- When the level position has been located, the speaker will emit a constant beep and show the centre alignment line on the LCD screen (Fig.4).

i This tool is compatible with all Goblin Tools and / or most 3rd party red, green or purple beam line laser levels.

LCD screen backlight

- Press the **LCD backlight / measurement unit button** to turn on and off the backlight for the LCD screen.

Measurement unit function

- Press and hold the **LCD backlight / measurement unit button** for 3 seconds to change the unit of measurement.

Changing detection mode

- Press the **detection mode button** to cycle through the 3 detection modes: broad, coarse & fine.

Speaker function

- Press the **speaker button** to cycle through the speaker volumes or turn the speaker off.

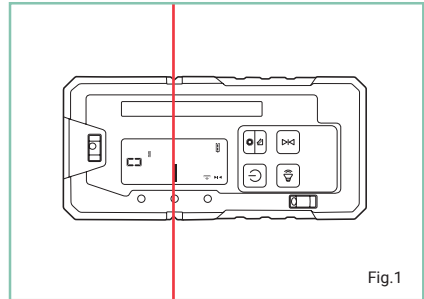


Fig.1

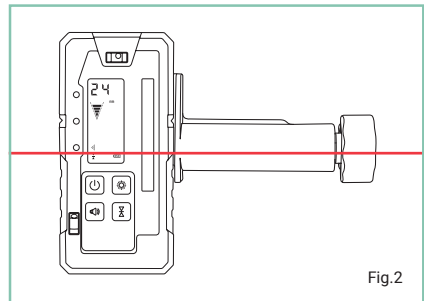


Fig.2

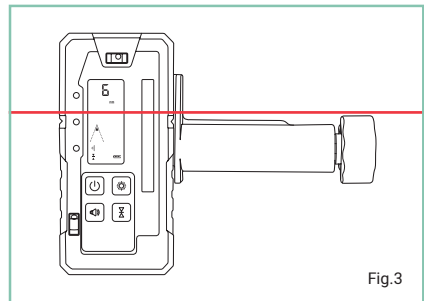


Fig.3

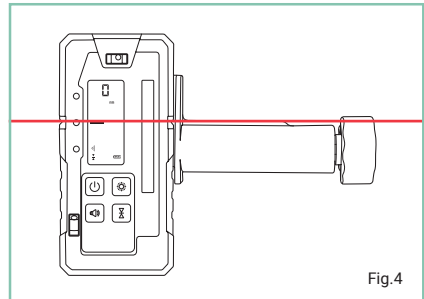


Fig.4

CARE & MAINTENANCE

1. Whenever possible, store the detector in a dry, shady location.
2. When the detector is not in use or is being stored, it is highly recommended to remove the batteries.
3. Clean the detector with a dry, soft cloth after use in dusty, damp or wet conditions before storing.
4. Smudges and fingerprints may be removed with a damp tissue or a soft, lint-free cloth.

WARRANTY

All Goblin Tools measurement tools are carefully checked and tested to our precise quality assurance standards.

We offer a warranty in accordance with the following conditions:

1. Our warranty provides the correction of deficiencies to the tool once verified by an authorised service centre that the deficiencies were caused by a manufacturing fault within the warranty period.
2. The warranty does not cover:
 - a) Calibrations and components that are subject to wear and tear.
 - b) Defects in the tool caused by non-compliance with the operation instructions, improper use, abnormal environmental conditions, inappropriate operating conditions or insufficient maintenance.
 - c) Defects caused by using accessories or spare parts other than approved parts.
 - d) Services or repairs carried out by non-authorised persons.
3. Defects recognised by an authorised service centre as being covered by the warranty shall be corrected either by repair or replacement of the tool.

4. The warranty claim must be lodged within the warranty period. This requires the complete tool with the original sales receipt containing the purchase date and place of purchase. Partial or disassembled tools cannot be submitted for a warranty claim.
5. Services provided under warranty do not lengthen or renew the warranty of the tool.

The above guarantees apply to tools that are purchased in the countries and regions specified online at www.goblintradetools.com

1 YEAR STANDARD WARRANTY PERIOD

1. The warranty period for your tool is 1 year from the date of purchase.
2. All products have a standard warranty period, you do not have to register your products to obtain the standard warranty period.
3. To claim under this warranty, the date of purchase of the tool must be documented by an invoice/receipt.

CUSTOMER SUPPORT

To assist you with any queries or technical questions please contact customer support.

Australia: 1300 905 846

New Zealand: 0800 005 752

United Kingdom: 0808 189 1152

All other countries / regions:

Visit www.goblintradetools.com for more information

Registered Business Address:

74 McKillop Street
Geelong, VIC 3220 AUSTRALIA

RESPONSIBLE DISPOSAL

Please do not throw any electrical equipment (including those marked with the crossed out wheeled bin symbol) in your bin.

This device complies with all necessary standards for the free movement of goods within the EU. This product is an electric device and must be collected separately for disposal according to the European Directive on waste electrical and electronic equipment.

TROUBLE SHOOTING

Error	Cause & Solution
Detector does not turn on	Check the batteries on the detector. They may be low and need replacing. Check the battery compartment for signs of damage and ensure that the compartment is clean and that the battery terminals are not bent.
Detector does not remain on for long periods of use.	Check the batteries on the detector. They may be low and need replacing. Check the battery compartment for signs of damage and ensure that the compartment is clean and that the battery terminals are not bent.
Detector does not detect the laser beam	Check the batteries on the detector. They may be low and need replacing. Check the laser level and ensure the laser level is producing a beam. Check the line of sight and ensure there is no interference. Check that the laser level and detector are within the operating range.
Detector speaker is not functioning.	Check the sound is on. Check the laser level and ensure the laser level is producing a beam.

SPECIFICATIONS

Specifications	DTX-LHM7
Product code	DTXLHM7
Warranty	1 Year
Detection mode	Broad, coarse, fine
Speaker decibel (max)	118dB
Battery type	4x AAA batteries
Weight (g)	307 (including batteries)
Dimensions (mm)	72 x 28 x 155



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