

IMPORTANT SAFETY INSTRUCTIONS

WARNING READ AND UNDERSTAND ALL INSTRUCTIONS. Failure to follow all instructions listed below, may result in electric shock, fire and/or serious personal injury.

SAVE THESE INSTRUCTIONS.

1. **SAVE THESE INSTRUCTIONS** - THIS OPERATOR'S MANUAL CONTAINS IMPORTANT SAFETY AND OPERATING INSTRUCTIONS.
2. **DO NOT ALLOW PERSONS UNFAMILIAR WITH THE APPLIANCE, THESE SAFETY INSTRUCTIONS, AND THE TOOL'S OPERATORS MANUAL TO OPERATE THE TOOL.** This appliance can be dangerous in the hands of untrained users.
3. **DO NOT OVERREACH. KEEP PROPER FOOTING AND BALANCE AT ALL TIMES.** This enables better control of the appliance in unexpected situations.
4. **ENSURE ADEQUATE SAFEGUARDS AT THE WORK SITE** (e.g. surveying site when measuring on roads, construction sites, etc.)
5. **WARNING** THE DEVICE PRODUCES VISIBLE LASER BEAMS, WHICH ARE EMITTED FROM THE APPLIANCE. THIS DEVICE IS A CLASS 2 LASER PRODUCT IN ACCORDANCE WITH IEC/EN 60825-1:2014.
6. **LASER LIGHT - DO NOT STARE INTO BEAMS OR VIEW DIRECTLY WITH OPTICAL INSTRUMENTS.** Do not point laser light at others. Laser light can cause eye damage.
7. **AVOID DANGEROUS ENVIRONMENTS.** Do not use in rain, snow, damp or wet locations. Do not use in the presence of explosive atmospheres (gaseous fumes, dust or flammable materials).
8. **MAINTAIN TOOLS. IF DAMAGED, HAVE THE TOOL REPAIRED BEFORE USE.** Accidents may be caused by poorly maintained tools.
9. **USE TOOLS ONLY WITH SPECIFICALLY DESIGNATED ACCESSORIES.** Use of any other accessories may create risk of injury.
10. **THIS TOOL IS DESIGNED TO BE POWERED BY 2 -AAA BATTERIES PROPERLY INSERTED INTO THE TOOL.** Do not attempt to use with any other voltage or power supply.
11. **DO NOT LEAVE BATTERIES WITHIN THE REACH OF CHILDREN.**
12. **DO NOT MIX NEW AND USED BATTERIES.**
13. **DO NOT MIX BRANDS (OR TYPES WITHIN BRANDS) OF BATTERIES.**
14. **DO NOT MIX RECHARGEABLE AND NON-RECHARGEABLE BATTERIES.**
15. **INSTALL BATTERIES ACCORDING TO POLARITY (+ / -) DIAGRAMS.**
16. **PROPERLY DISPOSE OF USED BATTERIES IMMEDIATELY.**
17. **DO NOT INCINERATE OR DISMANTLE BATTERIES.**
18. **UNDER ABUSIVE CONDITIONS, LIQUID MAY BE EJECTED FROM THE BATTERY, AVOID CONTACT. IF CONTACT ACCIDENTALLY OCCURS, FLUSH WITH WATER. IF LIQUID CONTACTS EYES, ADDITIONALLY SEEK MEDICAL HELP.** Liquid ejected from the battery may cause irritation or burns.
19. **WATCH OUT FOR ERRONEOUS MEASUREMENTS IF THE TOOL IS DEFECTIVE OR IF IT HAS BEEN DROPPED, MISUSED OR MODIFIED.**
20. **CARRY OUT PERIODIC TESTS MEASUREMENTS.** Particularly after the tool has been subject to abnormal use, and before, during and after important measurements. Test on known distance before use, to make sure that equipment is functioning correctly.
21. **DO NOT DISPOSE OF TOOL OR BATTERIES TOGETHER WITH HOUSEHOLD WATER MATERIAL!** Appliance and batteries that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility.
22. **HAVE YOUR TOOL SERVICED BY A QUALIFIED REPAIR PERSON USING ONLY IDENTICAL REPLACEMENT PARTS.** This will ensure that the safety of the tool is maintained.
23. **MAINTAIN LABELS AND NAMEPLATES.** These carry important information. If unreadable or missing, contact a MILWAUKEE service facility for a free replacement.
24. **THE DEVICE CONFORMS TO THE MOST STRINGENT REQUIREMENTS OF THE RELEVANT ELECTROMAGNETIC COMPATIBILITY (EMC) STANDARDS AND REGULATIONS.** Yet, the possibility of causing interference in other devices cannot be totally excluded.
25. **CAUTION** USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

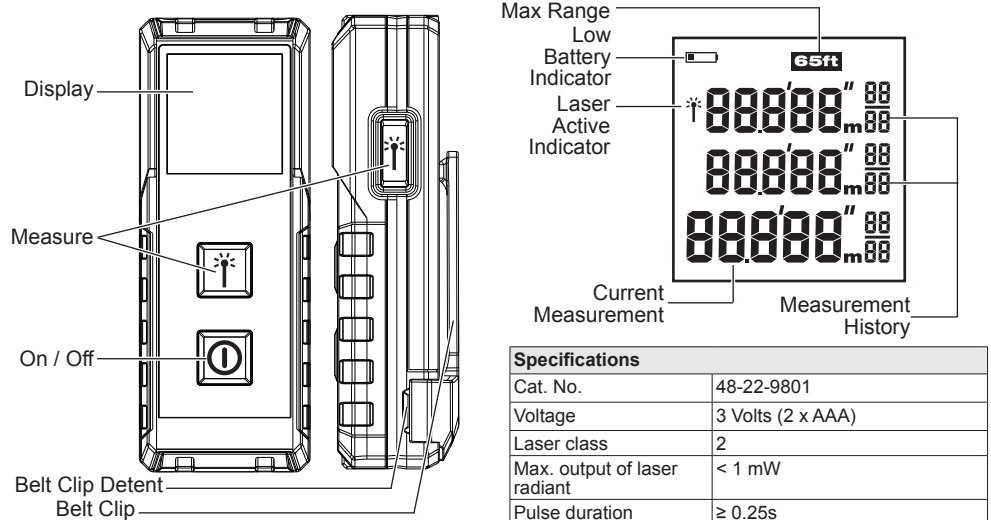
FC Federal Communications Commission

WARNING Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Consult the dealer or an experienced radio/TV technician for help.

READ AND SAVE ALL INSTRUCTIONS FOR FUTURE REFERENCE



| Symbology | |
|----------------|---|
| | WARNING Laser Light - Do Not Stare Into Beam |
| | Direct Current |
| | Volts |
| | Read Operator's Manual |
| | European Conformity Mark |
| | Laser product - Avoid Exposure: Laser Radiation Is Emitted From This Aperture |
| LASER 2 | Class 2 Laser Product |

| Specifications | |
|------------------------------|------------------------------|
| Cat. No. | 48-22-9801 |
| Voltage | 3 Volts (2 x AAA) |
| Laser class | 2 |
| Max. output of laser radiant | < 1 mW |
| Pulse duration | ≥ 0.25s |
| Emitted wavelength | 630-670 nm |
| IP code | IP54 |
| Temperature range: | |
| Storage | -10° to 60°C / -14° to 140°F |
| Operation | 0° to 40°C / 32° to 104°F |

| Distance Measurement | |
|--------------------------------|------------------------|
| Typical measuring tolerance* | ± 3.0 mm / 0.125 in ** |
| Maximum measuring tolerance*** | ± 7.0 mm / 0.25 in ** |
| Typical range | 20 m / 65 ft |
| Smallest unit displayed | 0.001 m / 1/16 in |

* Applies for 100 % target reflectivity (white painted wall), low background illumination, 25 °C

** An additional tolerance of 0.05 mm/m should be taken into account.

*** Applies to targets with lower reflectivity, high background illumination, or temperatures approaching the lower/upper limit.

Changing Batteries

Only use alkaline batteries. Do not use zinc-carbon batteries. If the meter will not be used for a long time, remove the batteries as a protection against corrosion. Change batteries when the battery symbol begins flashing. To change the batteries:

1. Unsnap the belt clip from the meter using the belt clip detent.
2. Press in the tab and lift out the battery door.
3. Insert two AAA batteries according to the polarity marked in the compartment.
4. Install the battery door and belt clip.

Selecting Units

Press the measure button for 2 seconds to toggle between feet and meters.

Turning ON/OFF

Press the power button to turn the meter on and off.

The backlight turns off after 120 seconds of inactivity; press any button to turn back on.

The meter will turn off after 180 seconds of inactivity.

Measuring

To take a measurement, turn on the meter and point the laser at the target. A live reading is displayed. To freeze the measurement, press the measure button . Press the measure button again to begin another live reading. The previous measurements are moved up into the history fields.

NOTE: On some target surfaces: Measuring errors can occur when measuring on some target surfaces, such as colourless liquids, glass, Styrofoam or semi-permeable surfaces or when aiming at high gloss surfaces.

Error Message

If the error code 500 appears on the display, turn the meter off and back on. If the problem continues, return the tool to the nearest service center for inspection.

Care

- Clean the tool with a damp, soft cloth.
- Never immerse the device in water.
- Never use aggressive cleaning agents or solvents.

