Mannesmann M99981

Mannesmann 99981 Multifunction Detector User Manual

INTRODUCTION

This manual provides essential instructions for the safe and effective use of your Mannesmann 99981 Multifunction Detector. Please read this manual thoroughly before operating the device and keep it for future reference. The Mannesmann 99981 is a versatile tool designed for various detection and measurement tasks in construction and DIY projects.

SAFETY INSTRUCTIONS

- Always operate the device in accordance with the instructions provided in this manual.

- Do not expose the device to extreme temperatures, moisture, or direct sunlight.

- Avoid dropping the device or subjecting it to strong impacts.

- Do not attempt to open or modify the device. Repairs should only be performed by qualified personnel.

- When using the laser function, avoid direct eye exposure to the laser beam.

- Keep the device out of reach of children.

PRODUCT OVERVIEW

The Mannesmann 99981 is a professional multifunction detector integrating features such as metal detection, stud finding, and laser distance measurement. Its robust design and intuitive controls make it suitable for various applications.

Image: The Mannesmann 99981 Multifunction Detector, showing its red and black casing, digital display, and control buttons including POWER, TEMP DIST, LASER, AC/ME DIST, BASE, MODE +, READ, and UNIT -.

SETUP

The Mannesmann 99981 Multifunction Detector is designed for immediate use. No batteries are required as the device is specified to operate using compressed air, which implies an internal mechanism or a specific type of power delivery not requiring user-replaceable batteries for its primary functions. Simply power on the device to begin.

Attaching to a Tripod (Optional)

For enhanced stability and precision, particularly when utilizing the laser distance measurement functions, the detector can be securely mounted onto a standard tripod.

Image: The Mannesmann 99981 Multifunction Detector mounted on a tripod, illustrating how it can be used for stable and precise measurements.

OPERATING INSTRUCTIONS

The detector features several buttons for different modes and functions:

- **POWER:** Press to turn the device on or off.
- **MODE +:** Cycles through various detection or measurement modes.
- **UNIT -:** Changes the unit of measurement (e.g., meters, feet, inches).
- **READ:** Initiates a measurement or confirms a selection.
- **TEMP DIST:** Activates temperature measurement or distance measurement mode.
- **LASER:** Activates the laser for distance measurement or as a pointer.
- **AC/ME DIST:** Activates AC wire detection, metal detection, or distance measurement.

Distance Measurement

To measure distances, press the **LASER** button to activate the laser. Aim the laser dot at the target surface. Press **READ** to take a measurement. The device can measure length, width, and height, displaying the results on the screen.
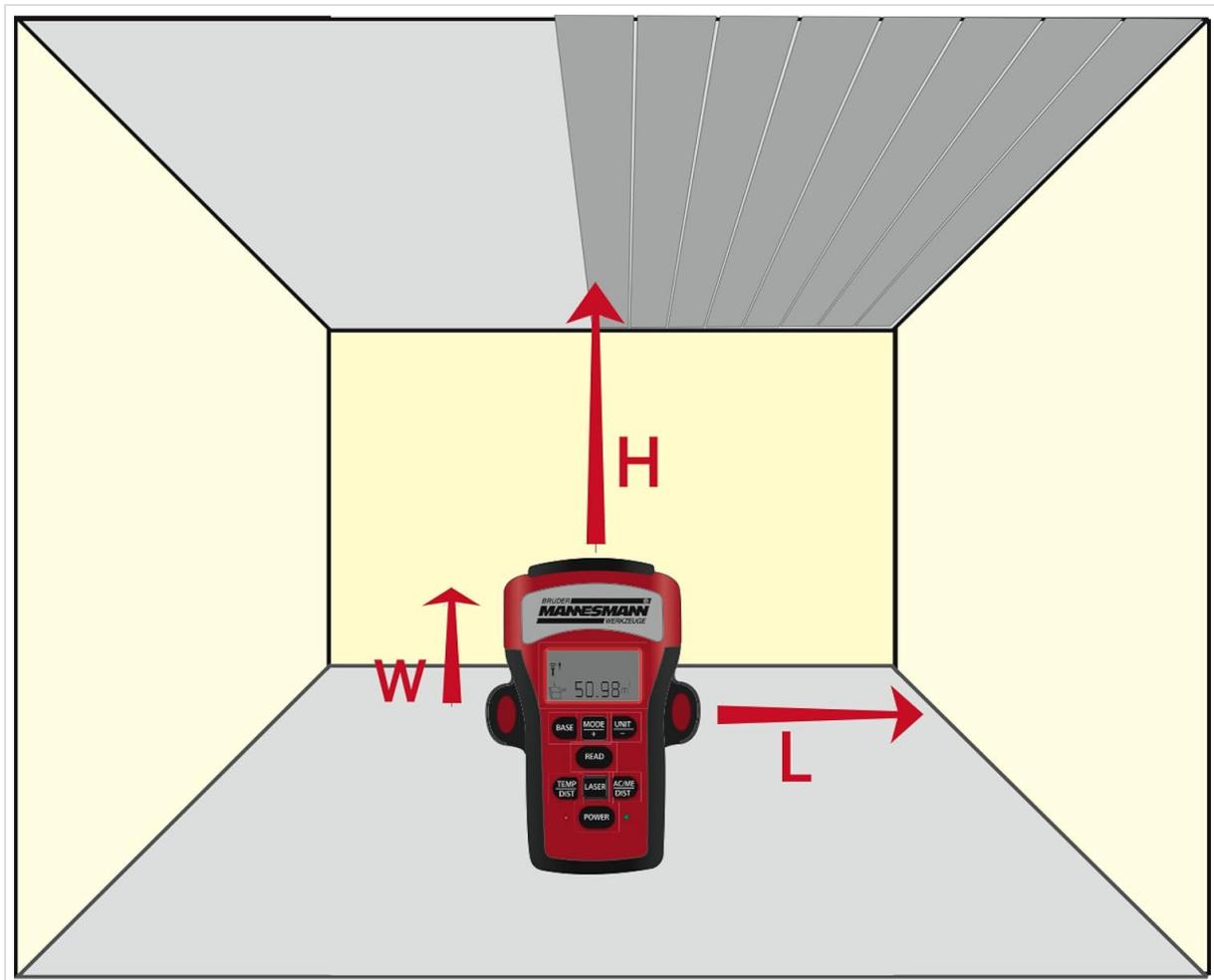

Image: A diagram illustrating the Mannesmann 99981 Multifunction Detector measuring length (L), width (W), and height (H) within a room using its laser distance function.

Detection Functions (Metal, AC Wires, Studs)

Press the **AC/ME DIST** button to cycle through the available detection modes. Hold the detector flat against the surface and move it slowly and evenly. The digital display will indicate the presence and approximate location of metal objects, live AC wires, or wooden studs behind the wall. Signal strength indicators will assist in pinpointing the target.
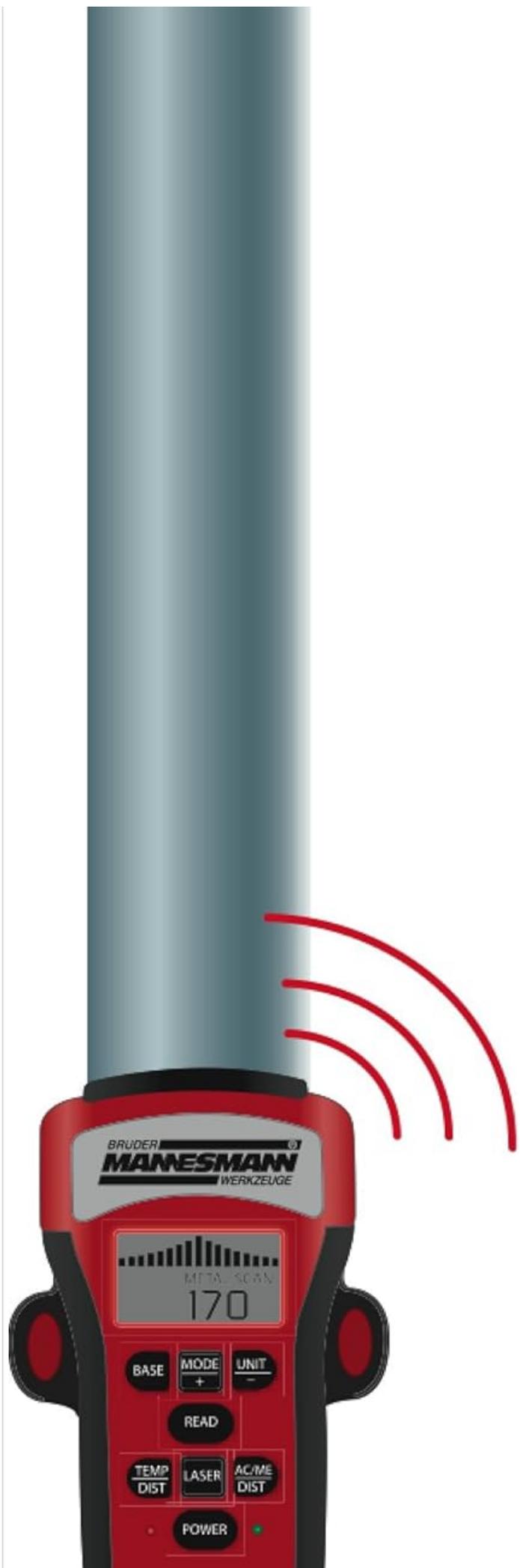
Image: The Mannesmann 99981 Multifunction Detector held against a pipe or wall, with red waves indicating detection signals. The display shows a signal strength indicator and a numerical value, suggesting an object has been detected.

Laser Pointer Function

The device also incorporates a laser pointer function, which can be useful for general pointing or marking tasks.

Image: The Mannesmann 99981 Multifunction Detector emitting a visible red laser beam from its top, demonstrating its laser pointer capability.

MAINTENANCE

To ensure the longevity and optimal performance of your detector, follow these maintenance guidelines:

- **Cleaning:** Keep the device clean and dry. Use a soft, slightly damp cloth for cleaning. Do not use

- **Storage:** Store the device in a cool, dry place, away from direct sunlight and extreme temperatures. Using a protective case is recommended to prevent physical damage.

- **Magnets:** The device is equipped with magnets on its rear for convenient attachment to metallic surfaces. Ensure these magnets are clean and free from debris for optimal adhesion.

Image: The rear view of the Mannesmann 99981 Multifunction Detector, highlighting the two square magnets embedded in the black casing, used for attaching the device to metallic surfaces.

TROUBLESHOOTING

If you encounter issues with your Mannesmann 99981 Multifunction Detector, refer to the following common problems and solutions:

- **Device does not power on:** Ensure the device is properly connected to its power source (if applicable). As the device is specified to use compressed air, verify any associated connections or internal air pressure if relevant to its power-up sequence.

- **Inaccurate measurements:** Ensure the device is held steady and perpendicular to the surface being measured. Environmental factors can sometimes affect accuracy; try measuring in different conditions.

- **Detection issues (e.g., no detection, false positives):** Move the device slowly and evenly across the surface. Ensure there are no external interferences such as strong electromagnetic fields. The depth of detection can vary based on material density.

- **Magnets detaching:** Some users have reported issues with the rear magnets detaching. If this occurs, they may need to be re-secured using an appropriate adhesive.

SPECIFICATIONS

Model Number	M99981
Brand	Mannesmann
Dimensions (L x W x H)	34.3 x 5.8 x 28.7 cm
Weight	639.57 grams
Power Source	Compressed air
Batteries Required	No
IP Rating	IP54
Recommended Use	General metal detection
Manufacturer	Brüder Mannesmann
Color	Red
ASIN	B0019TOBZG
International Article Code	04003315709480

WARRANTY INFORMATION

Warranty information for the Mannesmann 99981 Multifunction Detector is not provided in the product details. Please refer to the manufacturer's official website or contact your retailer for specific warranty terms and conditions.

CUSTOMER SUPPORT

For further assistance, technical support, or inquiries regarding your Mannesmann 99981 Multifunction

Detector, please contact Brüder Mannesmann Werkzeuge directly or consult their official website. Specific contact details are not provided in the product information.