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> BOSCH D-TECT120 Wall and Floor Detection Scanner User Manual

Bosch D-TECT120

BOSCH D-TECT120 Wall and Floor Detection Scanner User Manual

Model: D-TECT120 | Brand: Bosch

INTRODUCTION

The Bosch D-TECT120 is an advanced wall and floor detection scanner designed for accurate and reliable object detection. Utilizing exclusive radar technology, it can identify various objects through different materials, providing essential information for drilling, cutting, or renovation tasks. Its calibration-free operation ensures immediate readiness and consistent performance.



Figure 1: The Bosch D-TECT120 Wall and Floor Detection Scanner, a compact and ergonomic device for precise detection.

SETUP

Battery Installation

The D-TECT120 requires 4 AA batteries for operation. To install the batteries:

1. Locate the battery compartment on the back of the device.
2. Open the battery compartment cover.
3. Insert 4 AA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment cover securely.

The device is ready for use immediately after battery installation, requiring no calibration upon power-on.



Figure 2: The Bosch D-TECT120 comes with a hard carrying case and 4 AA batteries for immediate use.

OPERATING INSTRUCTIONS

Detection Modes

The D-TECT120 offers three distinct detection modes, selectable via the mode buttons on the device:

- **Universal Mode:** Detects various materials including ferrous and non-ferrous metals, wood, live wiring, and plastic pipes through a wide range of wall and floor materials.
- **Concrete Mode:** Optimized for detecting objects embedded within concrete structures.
- **Drywall Mode:** Specifically designed for detecting objects behind drywall, such as studs, pipes, and electrical wiring.



Figure 3: Key features of the D-TECT120, including spot detection technology, straightforward traffic light system, and three detection modes.

Spot Detection Technology

The D-TECT120 features spot detection technology, allowing it to instantly detect objects when placed directly on the detection surface. This eliminates the need for back-and-forth scanning in many situations. The illuminated display provides clear directional arrows (up, down, right, left) to guide you precisely to the object's center.



Figure 4: The D-TECT120 being used on a wall, demonstrating its ability to detect objects behind the surface.



Figure 5: A user scanning a concrete pillar with the D-TECT120, highlighting its use in various materials.



Figure 6: The D-TECT120 in action, detecting pipes behind a tiled wall, showcasing its versatility.

Traffic Light System

The device features an intuitive traffic light system for easy interpretation of detection results:

- **Green:** No object detected.
- **Orange:** An object is nearby.
- **Red:** An object has been detected.

Official Product Video

Your browser does not support the video tag.

Video 1: An official demonstration of the Bosch D-TECT 120 Wall and Floor Detection Scanner, showcasing its features and ease of use.

MAINTENANCE

To ensure the longevity and optimal performance of your Bosch D-TECT120 scanner, follow these general maintenance guidelines:

- **Cleaning:** Regularly wipe the device with a soft, damp cloth. Do not use abrasive cleaners or solvents.
 - **Storage:** Store the scanner in its hard carrying case in a dry, dust-free environment when not in use. Remove batteries if storing for extended periods to prevent leakage.
 - **Handling:** Avoid dropping the device or subjecting it to strong impacts, as this can affect its internal components and accuracy.
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TROUBLESHOOTING

If you encounter issues with your D-TECT120 scanner, consider the following:

- **No Power:** Check if the batteries are correctly installed and have sufficient charge. Replace with new AA batteries if necessary.
- **Inaccurate Readings:** Ensure the detection surface is clean and free of debris. Verify that the correct detection mode (Universal, Concrete, or Drywall) is selected for the material being scanned.
- **Interference:** Strong electromagnetic fields or nearby electronic devices can sometimes interfere with detection. Try scanning in a different location or away from such sources.

For persistent issues or advanced troubleshooting, please refer to the official user manual PDF or contact Bosch customer support.

SPECIFICATIONS

Feature	Detail
Brand	Bosch
Model Number	D-TECT120
Material	Plastic
Color	Blue
Product Dimensions	3.25"L x 4.25"W
Item Weight	1.1 Pounds
Power Source	Battery Powered
Batteries Required	4 AA batteries (included)
Detection Depth	Up to 4.75 inches (120 mm)
Detection Modes	Drywall, Universal, Concrete
UPC	000346466720

WARRANTY AND SUPPORT

Warranty Information

Bosch measuring and layout tools are covered by a one-year limited warranty. An additional year of coverage is available when you register your tool within eight weeks of purchase. For full terms and details, please visit rb-pt.io/PowerToolWarranty or call 1-877-BOSCH99.



Figure 7: Bosch's warranty details, offering extended coverage upon product registration.

Additional Support

For a comprehensive guide and detailed instructions, you can download the official User Manual in PDF format:

[Download User Manual \(PDF\)](#)