

## Bosch Truvo

# Bosch Truvo 2nd Generation Wall Scanner Instruction Manual

Model: Truvo (06036812Z0)

## 1. INTRODUCTION

---

The Bosch Truvo 2nd Generation is a digital detector designed for simple and reliable detection of live electrical cables and metal objects within walls. This device assists users in avoiding damage to hidden utilities during drilling or renovation tasks. Its intuitive one-button operation and clear indicators make it suitable for various household and DIY applications.

## 2. SAFETY INFORMATION

---

Please read and understand all safety warnings and instructions before using the device. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- Always verify detection results through other sources if possible, especially before drilling or cutting.
- Do not rely solely on the detector for safety. Always exercise caution.
- The device is intended for indoor use in dry conditions. Avoid exposure to moisture or rain.
- Keep the device away from strong magnetic fields, which can interfere with its operation.
- Ensure your hands are free of metal objects (e.g., rings, watches) when operating the device to prevent interference.
- Handle batteries according to manufacturer instructions. Do not mix old and new batteries or different types of batteries.

## 3. PACKAGE CONTENTS

---

Upon unpacking your Bosch Truvo 2nd Generation detector, please ensure all items listed below are present:

- Bosch Truvo Detector
- 3 x 1.5 V AAA Batteries

- Quick Start Guide
- User Manual (this document)
- E-Commerce Cardboard Box



Image: The Bosch Truvo detector, its eco-friendly cardboard packaging, and the included AAA batteries.

## 4. PRODUCT OVERVIEW

The Bosch Truvo 2nd Generation detector is designed for ease of use, featuring a single button for operation and clear visual and auditory feedback. It can detect live electrical wires up to 50 mm deep and metal objects up to 70 mm deep. The device incorporates an auto-calibration function for immediate use and a new sound concept to guide drilling decisions.



Image: A close-up view of the Bosch Truvo detector, highlighting its simple interface with a central button and indicator lights.

## 5. SETUP

---

### 5.1 Battery Installation

1. Open the battery compartment cover located on the back of the device.
2. Insert the three 1.5 V AAA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
3. Close the battery compartment cover securely.

### 5.2 Auto-Calibration

The Bosch Truvo features automatic calibration. Simply place the device flat against the wall where you intend to scan. The device will calibrate itself upon activation or when moved to a new position on the wall, preparing it for accurate detection.

## 6. OPERATING INSTRUCTIONS

---

The Truvo detector is operated with a single button. Press the button to turn the device on and off.

## 6.1 General Scanning Procedure

1. Ensure the device is calibrated by placing it flat against the wall.
2. Slowly move the detector across the wall surface in a straight line. Maintain constant contact with the wall.
3. Observe the indicator lights and listen for audio signals.
4. For best results, scan the area multiple times from different directions (horizontal, vertical, diagonal).



Image: A user holding the Bosch Truvo detector flat against a wall, demonstrating the scanning process.

## 6.2 Live Wire Detection

The Truvo can detect live electrical cables up to a depth of 50 mm. When a live wire is detected, the device will:

- Emit a distinct beeping signal.
- Display a blinking red light on the dedicated LED indicator for live wires.

## 6.3 Metal Detection

The Truvo can detect metal objects (e.g., pipes, rebar) up to a depth of 70 mm. When metal is detected, the device will:

- Emit a distinct beeping signal.
- Display a blinking red light on the dedicated LED indicator for metal.

The device uses dedicated LEDs to differentiate between live wires and metal, providing clear visual feedback for each type of detection.

## 6.4 Parking Assistance Logic

The Truvo incorporates a new sound concept, referred to as 'parking assistance logic'. This feature provides clear auditory signals that indicate areas where drilling should be avoided, enhancing safety and precision during your work.



Image: A user carefully scanning a wall with the Bosch Truvo detector, demonstrating its use in proximity to an electrical outlet.

## 7. MAINTENANCE

### 7.1 Cleaning

Wipe the device with a dry, soft cloth. Do not use abrasive cleaners or solvents. Ensure no moisture enters the device.

## 7.2 Storage

Store the Bosch Truvo in a dry, dust-free environment, away from direct sunlight and extreme temperatures. If the device will not be used for an extended period, remove the batteries to prevent leakage and damage.

## 7.3 Battery Replacement

Replace the batteries when the low battery indicator appears or if the device fails to power on. Always replace all three AAA batteries simultaneously with new ones.

## 8. TROUBLESHOOTING

- **Device not turning on:** Check if the batteries are correctly inserted and fully charged. Replace with new batteries if necessary.
- **Inaccurate readings or false positives:**
  - Ensure the device is properly calibrated by placing it flat against the wall before scanning.
  - Remove any metal objects from your hands (e.g., rings, watches) that might interfere with detection.
  - Ensure the wall surface is dry and clean. Moisture can affect readings.
  - Avoid scanning near strong electromagnetic fields or other electronic devices.
- **No detection when objects are known to be present:**
  - Verify the object is within the specified detection depth (50mm for live wires, 70mm for metal).
  - Move the device slowly and consistently across the surface.
  - Ensure good contact between the device and the wall.

## 9. SPECIFICATIONS

| Feature                   | Specification                                  |
|---------------------------|--|
| Brand                     | Bosch  |
| Model Number              | 06036812Z0                                     |
| Product Dimensions        | 14.4 x 6 x 2.8 cm                              |
| Item Weight               | 0.12 Kilograms (118 g)                         |
| Power Source              | Battery Powered (3 x 1.5 V AAA)                |
| Live Wire Detection Depth | Up to 50 mm                                    |
| Metal Detection Depth     | Up to 70 mm                                    |
| Material                  | Metal (internal components), Plastic (housing) |
| Color                     | Green  |
| Country of Origin         | Germany  |
| Recommended Uses          | Concrete Rebar Detection, Metal Detection      |

## 10. SUSTAINABILITY INFORMATION

Bosch is committed to sustainability. The Truvo 2nd Generation detector and its packaging incorporate environmentally friendly materials and practices:

- **Product Housing:** The externally visible components of the Truvo housing (excluding battery and accessories) use more than 85% recycled plastic.
- **Packaging:** The cardboard packaging utilizes over 90% recycled fibers.
- **Documentation:** The instruction manual, info sheet, and quick-start guide are made from 100% recycled fibers.
- **Polybag-Free:** The packaging is designed to be free of polybags.

An infographic with a green background. At the top left is the Bosch logo (a white circle containing a stylized 'H'). To its right is the word 'BOSCH' in large, white, bold, sans-serif capital letters. Further right is a white circle containing the text 'Green Facts' in green, sans-serif font. Below this is the word 'Produkt' in white, bold, sans-serif font, underlined. Underneath is a white checkmark followed by the text 'Gehäuse<sup>1</sup> des Truvo verwendet >85 % recycelten Kunststoff'. Below that is the word 'Verpackung' in white, bold, sans-serif font, underlined. Underneath are three white checkmarks followed by the text: 'Kartonverpackung<sup>2</sup> verwendet >90 % recycelte Fasern', 'Bedienungsanleitung, Infoblatt und Schnell-Start-Anleitung verwenden 100 % recycelte Fasern', and 'Polybeutel-freie Verpackung<sup>2</sup>'. At the bottom left, there are two small white footnotes: <sup>1</sup>Alle von außen sichtbaren Komponenten ohne Batterie und Zubehör and <sup>2</sup>Alle Teile, die die Verpackung eines Produkts bilden und aus Papierfasern bestehen.

Image: An infographic highlighting the 'Green Facts' of the Bosch Truvo, including recycled content in the product and packaging.

## 11. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the specific warranty card included with your product or visit the official Bosch Tools website. You can also contact Bosch customer service directly for assistance with product operation, troubleshooting, or spare parts.

Visit the [BOSCH Store](#) for more information.