Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› **VEVOR** /

› **VEVOR Waterproof Metal Detector, 12" Coil, Professional Rechargeable Gold Detector, 39-50 in Adjustable with LCD 7 Modes Advanced DSP Chip Bluetooth Headset, IP68 for Detecting Gold Treasure Hunting 12inch - Instruction Manual**

VEVOR 1

VEVOR Waterproof Metal Detector Instruction Manual

MODEL: 12-INCH COIL PROFESSIONAL RECHARGEABLE GOLD DETECTOR

1. PRODUCT OVERVIEW

The VEVOR Waterproof Metal Detector is designed for efficient and precise metal detection, suitable for various environments including underwater. It features advanced technology and multiple detection modes to help users locate a wide range of metallic objects.

Figure 1.1: VEVOR Metal Detector complete kit including the main unit, search coil, headset, digging shovel, and other accessories.

Key Features:

- **High Accuracy:** Precisely tuned to capture tiny metal signals.

- **Waterproof Design:** IP68 rated, allowing submersion up to 10ft underwater.

- **Adjustable Length:** Handle adjustable from 39'' to 50'' for user comfort.

- **Seven Detection Modes:** All Metals, Pinpoint, Jewelry, Coins, Debris, Ornaments, and Custom Mode.

- **Advanced DSP Chip:** For upgraded detection precision.

- **Comprehensive Accessories:** Includes Bluetooth headset, rechargeable batteries, digging shovel, precision locator, and handbag.

2. SETUP AND ASSEMBLY

2.1 Unboxing and Component Check

Carefully remove all components from the packaging. Verify that all items listed in the 'Package Content' section of the specifications are present and undamaged.

Item Model Number:
TS185A

Voltage:
6.8-9.6V

Frequency:
7.2 kHz

Handle Length:
39-50 in

Search Coil:
12 in

Detection Depth:
12 in

Search Coil IP Rating:
IP68

Noise:
≥ 75 dB

Submersible Depth:
10 ft/3 m

Audio Frequency:
400-1200 Hz

Sensitivity:
≤30 cm

Working Environment:
-10℃ to 50℃

Material:
ABS

Net Weight:
3.2 kg/7.05 lbs

Product Type:
Submersible

Package Size:
27.56 x 11.81 x 4.72 in/
700 x 300 x 120 mm

Package Content

1 x Handbag

1 x Digging Shovel

4 x Rechargeable
Battery 1.5V

1 x Bluetooth Headset

1 x Precision Locator

1 x Battery Charger

1 x Coil Protection Cover

1 x User Manual

Figure 2.1: Overview of package contents and product dimensions.

2.2 Main Unit Assembly

1. Attach the search coil to the lower stem. Ensure it is securely fastened.

2. Connect the lower stem to the middle stem.

3. Connect the middle stem to the control box assembly.

4. Wrap the cable securely around the stem to prevent tangling during use.

5. Insert the rechargeable batteries into the battery compartment of the control box.

Figure 2.2: Assembled VEVOR Metal Detector.

2.3 Adjusting the Handle Length

The metal detector features an adjustable handle ranging from 39 inches to 50 inches. Loosen the locking collar on the stem, extend or retract the stem to your desired comfortable length, and then tighten the locking collar to secure it.

Figure 2.3: Adjustable length design for user comfort.

2.4 Digging Shovel Assembly

The included digging shovel can be assembled for use. Refer to the video below for detailed assembly instructions.

Your browser does not support the video tag.

Video 2.1: This video demonstrates the assembly process for the digging shovel included with your VEVOR metal detector. It shows how to connect the handle to the shovel blade and secure it for use.

3. OPERATING INSTRUCTIONS

Before operating, ensure the metal detector is fully assembled and batteries are charged. For optimal performance, it is recommended to use the detector outdoors, away from large metal structures that may cause interference.

Figure 3.1: User operating the VEVOR Metal Detector in an outdoor environment.

3.1 Power On/Off and Initial Setup

Press the power button to turn on the device. The LCD screen will illuminate. The device will typically start in 'All Metals Mode'.

Your browser does not support the video tag.

Video 3.1: This video provides a comprehensive guide on operating the 12-inch VEVOR Metal Detector, covering power-on, sensitivity adjustment, ground balance, and discrimination mode.

3.2 Sensitivity Adjustment

Adjust the critical sound setting. Position the probe approximately 30 cm (12 inches) above the ground and press the SENSITIVITY button to set it around the sixth level. This helps in fine-tuning the detector's responsiveness to targets.

3.3 Ground Balance

For the ground balance mode, ensure the display reads 'ALL METALS'. Adjust the ground balance by pressing the 'GROUND BALANCE' button. If the volume changes when the probe is lifted up or pressed down, adjust until the

sounds are consistent. This compensates for mineral content in the soil, preventing false signals.

3.4 Detection Modes

The VEVOR metal detector offers seven distinct detection modes to suit various searching needs:

- **All Metals Mode:** Detects all types of metals.
- **Pinpoint Mode:** Helps in precisely locating the detected object.
- **Jewelry Mode:** Optimized for finding jewelry.
- **Coins Mode:** Designed to detect coins.
- **Debris Mode:** Filters out common metallic debris.
- **Ornaments Mode:** Focuses on detecting ornamental items.
- **Custom Mode:** Allows users to set their own discrimination preferences.

Figure 3.2: The control panel displaying the seven detection modes.

3.5 Discrimination Mode

To adjust to Discrimination mode, press the 'ALL/DISC' button to switch to the Discrimination mode. This will display

'DISCRIMINATE'. Select the material you wish to detect, such as coins, by adjusting the settings. This feature allows the detector to ignore certain types of metal, focusing only on desired targets.

3.6 Pinpoint Function

After approximately locating the material, proceed to precise searching. Press the pinpoint button, which will lower the volume. Gradually approach the target based on the loudness of the sound. The pinpoint function helps narrow down the exact location of the buried object.

3.7 Using the Bluetooth Headset

The included Bluetooth headset allows you to hear detection signals clearly, even in noisy environments. Pair the headset with the metal detector according to the headset's instructions. This enhances the user experience by providing clear audio feedback.

4. MAINTENANCE

4.1 Cleaning

- After each use, especially in wet or dirty conditions, wipe down the search coil and stem with a damp cloth.
- Ensure the control box is kept dry and clean. Do not immerse the control box in water unless specifically designed for it (refer to IP rating).
- Avoid using abrasive cleaners or solvents that could damage the device's surface.

4.2 Storage

- Store the metal detector in a cool, dry place when not in use.
- If storing for an extended period, remove the batteries to prevent leakage and damage.
- Use the provided handbag for convenient and safe storage.

4.3 Battery Care

- Use only the specified rechargeable batteries and charger provided or recommended by VEVOR.
- Charge batteries fully before first use and whenever the battery indicator shows low power.
- Avoid overcharging or completely draining the batteries, as this can reduce their lifespan.

5. TROUBLESHOOTING

5.1 Common Issues and Solutions

- **False Signals/Erratic Beeping:**
  - Ensure proper ground balance for the terrain you are searching.
  - Reduce sensitivity if operating in highly mineralized soil or areas with electromagnetic interference.
  - Check for nearby large metal objects (e.g., fences, power lines) that might be causing interference.

- **No Detection/Low Sensitivity:**
  - Verify that the search coil cable is securely connected to the control box.
  - Check battery levels and recharge if necessary.
  - Increase sensitivity settings.
  - Ensure you are not in a highly discriminated mode that might be filtering out desired targets.

- **Display Not Working:**
  - Check battery connection and charge.
  - If the issue persists, contact VEVOR customer support.

Important Safety Information:

Do Not Use This Product In Areas With Steel Bars Or Other Metal Structures On The Indoor Floor To Avoid Interference With The Detection Process.

6. SPECIFICATIONS

Feature	Specification
Item Model Number	1
Brand	VEVOR
Voltage	6.8-9.6V
Frequency	7.2 KHz
Handle Length	39-50 in
Search Coil	12 in
Detection Depth	12 in
Search Coil IP Rating	IP68
Submersible Depth	10 ft/3 m
Noise	≥ 75 dB
Audio Frequency	400-1200 Hz
Sensitivity	≤30 cm
Working Environment	-10°C to 50°C
Material	ABS (Acrylonitrile Butadiene Styrene)
Net Weight	3.2 kg / 7.05 lbs
Product Dimensions	12"L x 12"W x 39"H (adjustable to 50"H)
Power Source	Battery Powered
Color	Orange

7. WARRANTY AND SUPPORT

VEVOR products are designed for durability and performance. For detailed warranty information, product registration, or technical support, please refer to the official VEVOR website or the user manual PDF provided with your product.

You can access the official User Manual (PDF) for this product via the following link: VEVOR Metal Detector User Manual

For further assistance, please contact VEVOR customer service through their official channels.