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› Professional Underwater Metal Detector User Manual

Widazzla IP860

Professional Underwater Metal Detector User Manual

Model: IP860

INTRODUCTION

This manual provides comprehensive instructions for the operation and maintenance of your Widazzla Professional Underwater Metal Detector. Designed for both freshwater and saltwater environments, this IP68 waterproof detector features a 1600mAh rechargeable battery, an upgraded DSP chip for accurate detection, and multiple alarm systems. Please read this manual thoroughly before using the device to ensure proper function and longevity.

The Widazzla IP860 is a fully submersible metal detector suitable for adults, ideal for treasure hunting in various aquatic and terrestrial settings, including scuba diving, beaches, and oceans.

PACKAGE CONTENTS

- Widazzla Professional Underwater Metal Detector (Model: IP860)
- USB Type-C Charging Cable
- Waterproof Sealing Caps (2)
- Portable Lanyard/Chain
- User Manual

Product Overview



Figure 1: The Widazzla Professional Underwater Metal Detector with its main components and accessories, including the detector unit, charging cable, sealing caps, and lanyard.



Figure 2: Key components of the detector, including the rotatable detection coil, stem, indicator light, power and function buttons, and the sealing knob.

SETUP AND INITIAL USE

1. Charging the Battery

The detector is equipped with a 1600mAh built-in lithium battery. Before first use, ensure the device is fully charged. The Type-C charging interface supports power bank charging for convenience.

1. Locate the charging port at the end of the handle, protected by a waterproof sealing cap.
2. Unscrew the sealing cap.
3. Connect the provided Type-C USB cable to the charging port and a suitable power source (e.g., USB wall adapter, power bank, computer USB port).

4. The indicator light will show charging status (refer to device for specific light behavior).
5. Once fully charged, disconnect the cable and securely re-tighten the waterproof sealing cap to maintain IP68 rating.

RECHARGEABLE & LONG-LASTING BATTERY

1600mAh

Lasts more than 15 hours

Type-C

Figure 3: The Type-C charging port and internal 1600mAh battery, providing over 15 hours of continuous operation.



Figure 4: Detail of the charging port and reset button, accessible by unscrewing the end cap.

2. Attaching the Portable Lanyard

For added security, especially during underwater use, attach the portable lanyard to the detector.

1. Thread the loop of the lanyard through the designated attachment point near the sealing cap.
2. Secure the lanyard to your wrist to prevent accidental loss during operation.

Your browser does not support the video tag.

Video 1: This video demonstrates the process of attaching the portable lanyard to the metal detector and securing the waterproof cover. It also shows the charging port and how to power on the device.

3. Powering On/Off

1. To turn on: Long press the "Power" button for 3 seconds.
2. To turn off: Long press the "Power" button for 3 seconds.

Note: If the detector is not used within five minutes after being turned on, it will vibrate, emit sounds, and the indicator light will flash as a reminder. If left unused for another five minutes, it will alarm and automatically shut down after 30 seconds to conserve energy.

OPERATING INSTRUCTIONS

1. Detection Modes

The detector offers three distinct detection modes:

1. **Vibration Mode:** The device vibrates when metal is detected.
2. **Sound Mode:** The device emits an audible alert when metal is detected.
3. **Vibration + Sound Mode:** The device both vibrates and emits an audible alert when metal is detected.

To switch between modes: Long press the "F" (Function) button for 3 seconds.

The frequency of the alerts (vibration and/or sound) increases as the detector gets closer to the target. The indicator light will also flash as a visual reminder.



Figure 5: The multi-mode alarm system provides feedback through vibration, sound, or a combination of both, with increasing frequency as the target is approached.



Figure 6: The detector's coil features indicator lights that provide visual cues for detection, complementing the sound and vibration alerts.

2. Detection Depth and Accuracy

Equipped with an upgraded DSP chip, this handheld metal detector offers enhanced positioning ability and sensitivity. It can detect metal objects up to 4 inches below the surface, significantly improving detection efficiency.



Figure 7: The detector's capability to detect various metal objects up to 4 inches deep.

UPGRADE DSP CHIP— MORE SENSITIVE



Figure 8: The upgraded DSP chip enhances detection accuracy and sensitivity.

3. Rotatable Detection Coil

The detection coil is rotatable, allowing for more portable and user-friendly operation in various environments and angles.

A PERFECT CHOICE FOR OUTDOOR DETECTION



Figure 9: The detector is suitable for various outdoor detection scenarios, including underwater, forest, sand, and beach environments.

UNDERWATER METAL DETECTOR

Fully waterproof up to 60ft underwater,
suitable for underwater treasure hunting



Figure 10: The IP68 waterproof rating ensures stable operation up to 60 feet underwater, making it ideal for scuba diving.

MAINTENANCE

1. Cleaning

- After each use, especially in saltwater or sandy environments, rinse the detector thoroughly with fresh water.
- Wipe the device dry with a soft cloth.
- Ensure no sand or debris is lodged in the rotatable coil mechanism or around the sealing cap.

2. Storage

- Store the detector in a cool, dry place away from direct sunlight and extreme temperatures.
- Ensure the waterproof sealing cap is securely tightened during storage to prevent dust or moisture ingress.

3. Battery Care

- To prolong battery life, avoid fully discharging the battery frequently.
- If storing for an extended period, charge the battery to approximately 50% before storage and recharge every 3-6 months.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Detector keeps beeping when turned on.	Device is in a metal environment upon startup.	Place the detector in the air (away from metal) and then press the power button to turn it on normally.
Detector will not turn on.	Possible internal error or need for reset.	Open the end cap (where the charging port is) and short-press the reset button to restore proper function. Ensure battery is charged.
Buttons require harder press underwater.	Designed to prevent accidental activation due to water pressure.	This is normal operation. Apply firm pressure to the buttons when operating underwater.
No lighting lamp.	The product design does not include a lighting lamp.	This metal detector only has an indicator light, not a separate lighting lamp. This is not a malfunction.

SPECIFICATIONS

Feature	Detail
Brand	Widazzla
Model Number	IP860
Color	Orange+Black
Material	Plastic
Power Source	Battery Powered
Battery Type	1600mAh Lithium Ion (included)
Battery Life	More than 15 hours
Charging Interface	Type-C
Item Weight	1 Pound (approx. 0.45 kg)

Feature	Detail
Product Dimensions (L x W x H)	17.32" x 1.57" x 4.72" (approx. 44cm x 4cm x 12cm)
International Protection Rating	IP68 (Fully submersible up to 60 feet)
Operating Frequency	7.69 KHz
Detection Depth	Up to 4 inches (approx. 10 cm)
Display Type	LED or OLED (Indicator Light)
Adjustable Length	Yes
Country of Origin	China

WARRANTY AND SUPPORT

Specific warranty details for the Widazzla Professional Underwater Metal Detector are not provided within this manual. For information regarding warranty coverage, terms, and conditions, please refer to the product packaging, the official Widazzla website, or contact Widazzla customer support directly.

For technical support, troubleshooting assistance beyond what is covered in this manual, or inquiries about replacement parts, please reach out to the manufacturer's customer service department. Contact information can typically be found on the product's official website or the original purchase platform.