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NOKTA DETECTION TECHNOLOGIES 11000840

Nokta The Legend PRO Pack Metal Detector User Manual

Model: 11000840

1. Introduction

Thank you for choosing the Nokta The Legend PRO Pack Metal Detector. This advanced multi-frequency metal detector is designed for various treasure hunting applications, from land to underwater exploration. Its robust construction and innovative features ensure reliable performance and an enhanced detecting experience. This manual provides essential information for the proper setup, operation, and maintenance of your device.



Figure 1: Assembled Nokta The Legend PRO Pack Metal Detector.

2. Package Contents

The Nokta The Legend PRO Pack includes the following components:

- The Legend System Box
- Waterproof DD Search Coil 12" x 9" (LG30)
- Waterproof DD Search Coil 6" (LG15)
- Bluetooth aptX Low Latency Headphones
- Headphones Soft Case
- Waterproof Replaceable Spare Battery & Charger
- Spare Tip Protector
- Belt Holster
- The LEGEND Cap
- USB Charging & Data Cable
- 6.3 mm (1/4") Headphone Adapter
- Search Coil Cover



Figure 2: Visual representation of the Nokta The Legend PRO Pack contents.

Figure 3: Side view of the product box detailing package contents.

3. Setup

3.1 Assembly

1. **Attach the Search Coil:** Securely fasten your chosen search coil (LG30 or LG15) to the lower shaft using the provided bolt and nut. Ensure the coil cable is wrapped snugly around the shaft.
2. **Connect the Shafts:** Assemble the middle and upper shafts. Adjust the length to a comfortable operating position.
3. **Mount the System Box:** Attach the control unit (system box) to the upper shaft. Connect the search coil cable to the designated port on the system box.
4. **Attach Armrest:** Secure the armrest to the upper shaft for ergonomic use.

3.2 Charging the Battery

The Legend PRO Pack features a long-lasting rechargeable lithium battery. For optimal performance, fully charge the device before first use.

- Connect the USB Charging & Data Cable to the charging port on the system box.
- Plug the other end of the USB cable into a standard USB charger or power bank.
- The charging indicator on the device will show the charging status. A full charge provides up to 20 hours of use.
- The replaceable spare battery can be charged externally using its dedicated charger.



Figure 4: Illustration of connecting the USB charging cable to the detector.

4. Operating Instructions

4.1 Power On/Off

Press and hold the power button on the control unit to turn the detector on or off. The LCD screen will illuminate upon startup.

4.2 Basic Controls



Figure 5: Close-up of the control panel with various buttons and LCD display.

The control panel features an LCD display and several buttons for navigation and settings adjustment. Refer to the on-screen icons for specific functions.

4.3 Operating Modes

The Legend offers 4 distinct operating programs, adaptable for various target types and ground conditions. These include modes optimized for all metal, ferrous off, ground effect off, and custom notch discrimination. Cycle through modes using the designated mode button.

4.4 Multi-Frequency Technology

This detector utilizes simultaneous multi-frequency technology, allowing it to operate on multiple frequencies at once. This enhances detection depth and sensitivity across different target types and soil mineralization levels.

4.5 Waterproof Operation

The device is fully submersible up to 3 meters (10ft) with an IP68 rating, making it suitable for both land and underwater metal detecting. Ensure all connections are secure before submerging the detector.



Figure 6: The Legend detector being used in shallow water, demonstrating its waterproof capability.

4.6 Wireless Headphones

The included Bluetooth aptX Low Latency Headphones provide clear audio feedback without the need for cables. Pair them with your detector for an untethered experience.

4.7 Gold Prospecting

The Legend is equipped with specific settings and sensitivity to detect small gold nuggets in highly mineralized gold fields. Adjust the operating mode and sensitivity as required for gold prospecting.

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Video 1: An overview of the Nokta The Legend Metal Detector's waterproof capabilities and general use.

5. Key Features

The Nokta The Legend PRO Pack Metal Detector incorporates several features designed for efficient and versatile metal detection:

- **IP68 Waterproof Rating:** Fully submersible up to 3 meters (10ft) and protected from total dust ingress.
- **Multi-Frequency Operation:** Simultaneous multi-frequency technology for optimal performance across various ground conditions and target types.
- **Advanced Discrimination Settings:** Options for All Metal, Ferrous Off, Ground Effect Off, and Custom Notch Discrimination.
- **Vibration Mode:** The detector can vibrate upon target detection, ideal for underwater use or for users with hearing impairment.
- **Backlit LCD & LED Flashlight:** Ensures visibility of the display and search area in low-light conditions.
- **Lightweight Design:** Weighing approximately 1.4 kg (3.0 lbs) for comfortable extended use.
- **Long Battery Life:** Up to 20 hours of operation on a single charge, easily rechargeable via USB.
- **Online Firmware Updates:** Stay up-to-date with the latest features and improvements via USB.
- **60 Target IDs & Harmonic Tones:** Accurate target identification with adjustable audio tones.
- **Adjustable Threshold:** Allows setting the threshold level and frequency in every mode.
- **4 Custom User Profiles:** Save preferred settings for different locations or targets.

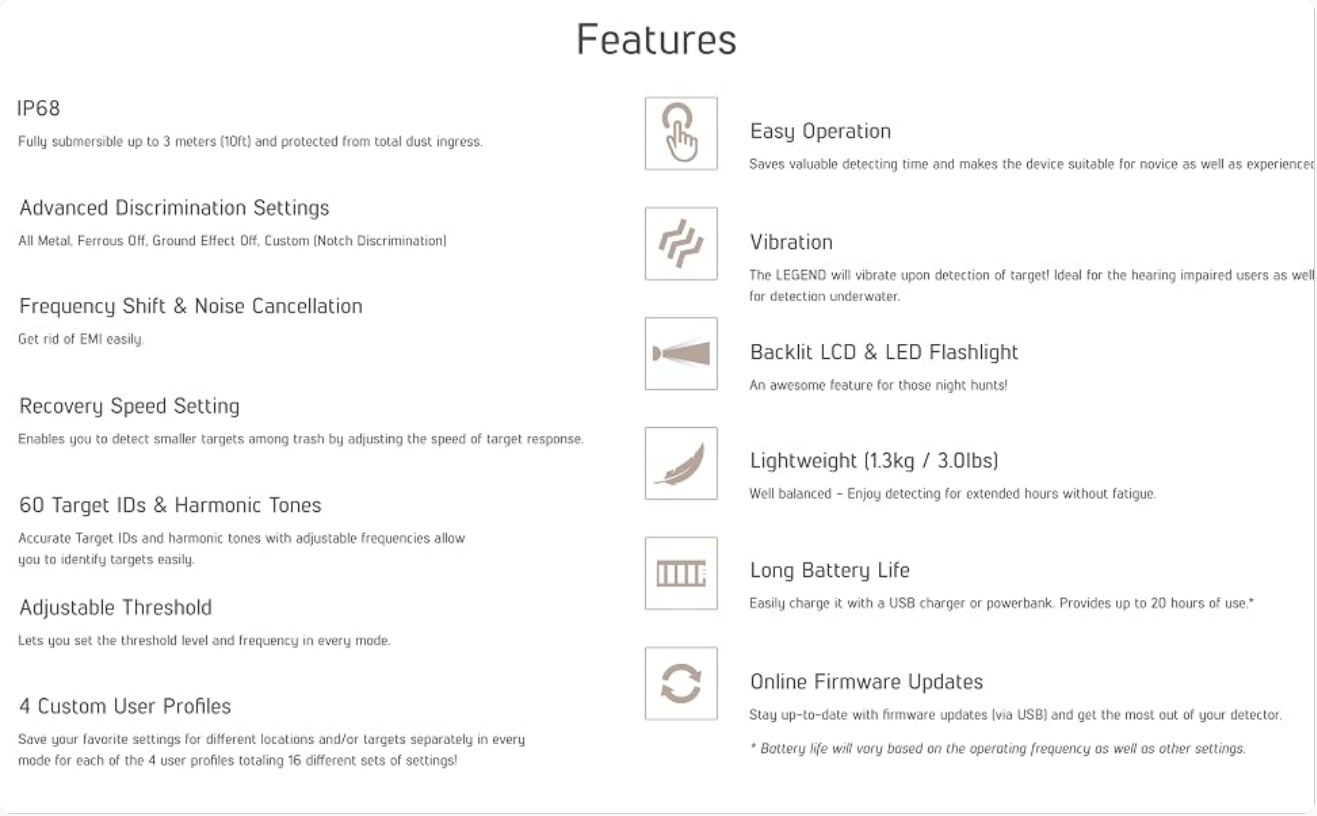


Figure 7: Infographic detailing the main features of The Legend detector.

6. Maintenance

6.1 Cleaning

- After each use, especially in wet or sandy conditions, rinse the search coil and lower shaft with fresh water.
- Wipe the control unit with a damp cloth. Avoid using abrasive cleaners or solvents.
- Ensure all components are dry before storage.

6.2 Battery Care

- Charge the battery regularly, even if the detector is not used for extended periods, to maintain battery health.
- Store the detector in a cool, dry place.

6.3 Storage

When storing the detector for long periods, ensure it is clean and dry. Disassemble the shafts if necessary to save space. Protect the search coil from impact.

7. Troubleshooting

If you encounter issues with your Nokta The Legend PRO Pack Metal Detector, consider the following common solutions:

Problem	Possible Cause	Solution
Detector does not power on	Low battery; loose connection	Charge the battery fully. Check all cable connections.
Erratic signals or false positives	High ground mineralization; electromagnetic interference (EMI); incorrect sensitivity setting	Perform ground balance. Reduce sensitivity. Change operating frequency or move away from EMI sources.
No target detection	Incorrect mode; search coil not connected; sensitivity too low	Ensure the correct operating mode is selected. Check search coil connection. Increase sensitivity.
Headphones not pairing	Headphones not in pairing mode; low headphone battery	Ensure headphones are in pairing mode. Charge headphones. Refer to headphone manual for specific pairing instructions.

If the problem persists, please refer to the official user manual PDF or contact customer support.

8. Specifications

Feature	Detail
Brand	NOKTA DETECTION TECHNOLOGIES
Model Number	11000840
Color	Black
Material	Metal, Plastic
Power Source	Battery Powered
Item Weight	1.4 kg

Feature	Detail
Battery Average Life	20 hours
Operating Frequency	Multi-frequency (e.g., 9 KHz mentioned, but primarily multi-frequency)
Search Coil Size (LG30)	30 cm (12" x 9")
Search Coil Size (LG15)	15 cm (6")
Display Type	LCD
Number of Programs	4
Item Dimensions (L x W x H)	52"L x 25"W x 52"H (assembled)
International Protection Rating	IP68 (submersible up to 3 meters / 10ft)

9. Warranty and Support

9.1 Warranty Information

For detailed warranty terms and conditions, please refer to the official documentation provided with your product or visit the NOKTA DETECTION TECHNOLOGIES website. Keep your proof of purchase for warranty claims.

9.2 Customer Support

If you require technical assistance, have questions about your product, or need to report a defect, please contact NOKTA DETECTION TECHNOLOGIES customer support. You can also find additional resources, including the full user manual, online:

- **Official User Manual (PDF):** Download PDF
- **Manufacturer Website:** www.noktadetectors.com

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