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> Quest Q35 Metal Detector User Manual

Deteknix SW10512

Quest Q35 Metal Detector User Manual

Model: SW10512 | Brand: Deteknix

INTRODUCTION

The Quest Q35 metal detector is designed for efficient and versatile metal detection. It features three interchangeable search frequencies and is fully waterproof up to 5 meters (16.4 feet) underwater. This manual provides essential information for setting up, operating, and maintaining your Q35 detector to ensure optimal performance and longevity. Key features include an integrated radio module, Quest Wirefree Lite wireless headphones, and a 28 x 26 cm (11" x 10") DD Raptor11 search coil for enhanced depth and reactivity. The Q35 is lightweight, compact, ergonomic, and highly stable. It is equipped with a 3000 mAh built-in Li-Po battery, rechargeable magnetically, and features an orange display backlight.

PACKAGE CONTENTS

- Quest Q35 Metal Detector Unit
- Raptor11 DD Search Coil (28 x 26 cm / 11" x 10") with coil cover
- Quest Wirefree Lite Wireless Headphones
- Magnetic USB Charging Cable
- User Manual (this document)



Figure 1: Quest Q35 Metal Detector with included accessories.

SETUP

1. Assembly

1. **Attach the Search Coil:** Secure the Raptor11 DD search coil to the lower shaft using the provided bolt and washers. Ensure it is firmly attached but allows for slight pivot.
2. **Connect the Coil Cable:** Wrap the search coil cable securely around the lower and middle shafts, then plug the connector into the control box port. Ensure the connection is tight to prevent water ingress.
3. **Assemble the Shaft:** The Q35 features a 3-part collapsible shaft. Extend the shaft sections and secure them using the click Camlocks. Adjust the length to a comfortable operating position.
4. **Adjust the Armrest:** Position the armrest for comfortable support during use.

2. Charging the Battery

The Q35 is equipped with a 3000 mAh built-in Li-Po battery.

- Connect the magnetic USB charging cable to the charging port on the control box.
- Connect the other end of the USB cable to a standard USB power adapter (not included) or a computer USB port.
- The display will indicate charging status. A full charge provides up to 20 hours of operation.
- Ensure the charging port is clean and dry before connecting the cable.

3. Wireless Headphone Pairing

The Quest Q35 comes with Quest Wirefree Lite wireless headphones.

- Turn on the Q35 detector and the wireless headphones.

- The detector and headphones should automatically pair. If not, refer to the headphone manual for specific pairing instructions.

OPERATING INSTRUCTIONS

1. Power On/Off

Press and hold the power button on the control box to turn the detector on or off. The orange display backlight will illuminate upon startup.



Figure 2: Detailed view of the Q35 control panel and display.

2. Understanding the Display

The LCD display provides crucial information during operation:

- **Target ID (VDI):** Numerical value from 1 to 99 indicating the probable type of metal.
- **Depth Indicator:** Estimates the depth of the detected target.

- **Battery Level:** Shows remaining battery charge.
- **Search Mode:** Displays the currently selected detection mode (e.g., Park, Field, Beach, Gold).
- **Frequency Indicator:** Shows the active operating frequency (5 kHz, 13 kHz, 21 kHz).
- **Volume Level:** Indicates audio output volume.
- **Iron Discrimination:** Settings related to ignoring iron targets.

3. Selecting Search Frequency

The Q35 allows you to change the search frequency to optimize detection for different targets:

- **5 kHz:** Recommended for larger, deeper buried objects.
- **13 kHz:** A versatile all-around frequency suitable for general coin hunting and most search locations.
- **21 kHz:** Ideal for detecting small jewelry, tiny relics, or small gold nuggets.

Use the frequency adjustment buttons on the control panel to cycle through the available frequencies. Frequency shift options are also available to avoid interference.

4. Search Modes

The Q35 offers various pre-set search modes for different environments:

- **Park Mode:** Optimized for areas with high trash, like parks.
- **Field Mode:** General purpose mode for open fields.
- **Beach Mode:** Designed for wet sand and saltwater environments.
- **Gold Mode:** Enhanced sensitivity for small gold targets.

Select the appropriate mode using the mode selection buttons.

5. Pinpoint Function

The Pinpoint function helps to precisely locate the target before digging.

- Once a target is detected, press the Pinpoint button.
- Slowly move the coil over the target area. The detector will emit a continuous tone, increasing in pitch and volume as you center the coil over the target.

6. Iron Discrimination and Volume

Adjust these settings to ignore unwanted iron signals and control the volume of iron responses. Refer to the on-screen menu for specific adjustments.

7. Vibration Function

The Q35 includes a vibration function, ideal for underwater searching or for users with impaired hearing. Activate this feature through the settings menu.

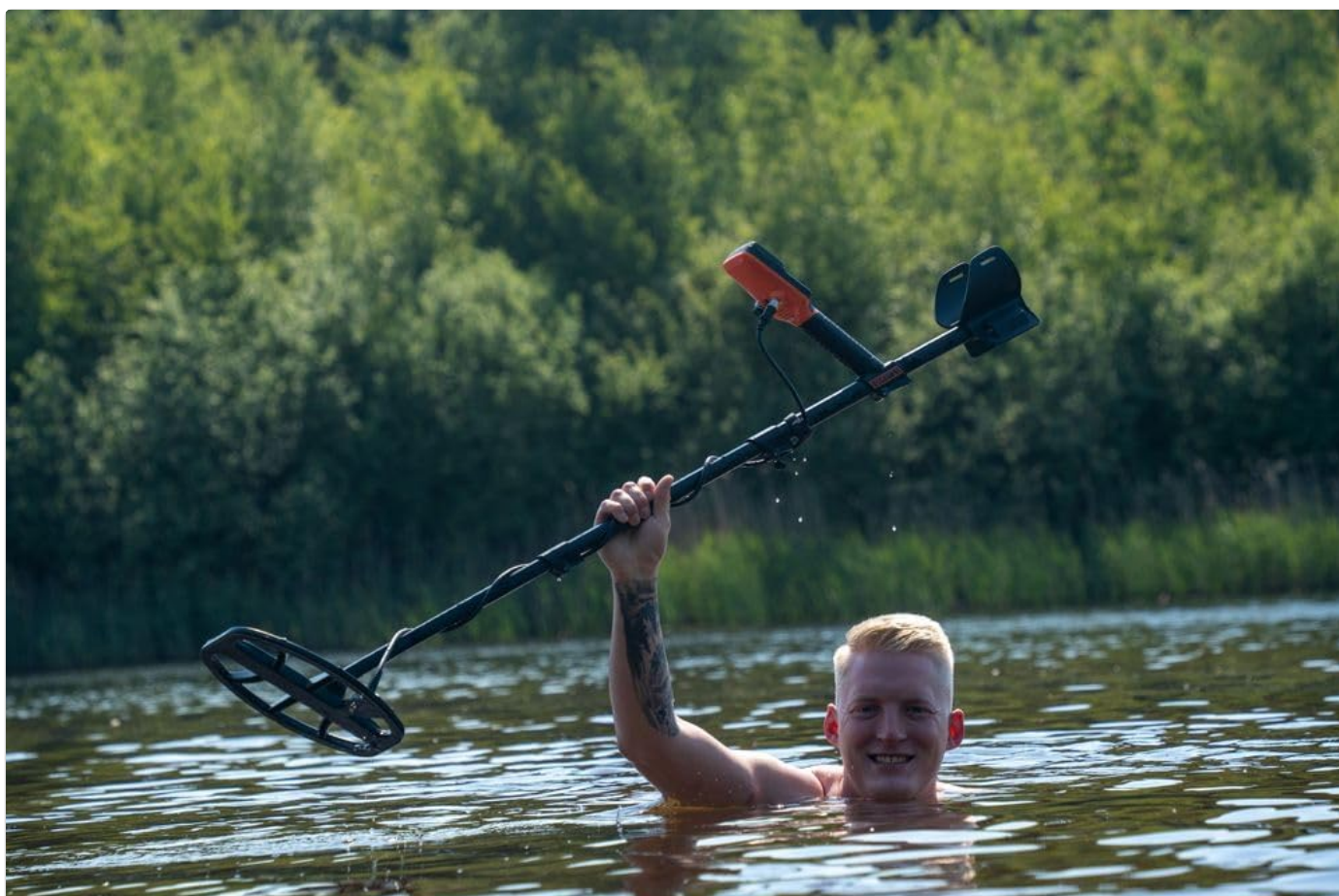


Figure 3: The Q35 is fully waterproof, allowing for underwater detection.

MAINTENANCE

- **Cleaning:** After each use, especially in wet or dirty conditions, clean the detector. The Q35 is fully waterproof, so you can rinse it under running water. Ensure the charging port is dry before charging.
- **Storage:** Store the detector in a cool, dry place. If storing for extended periods, ensure the battery is partially charged (around 50%) to preserve battery health.
- **Coil Protection:** Keep the coil cover on the search coil to protect it from scratches and abrasions.
- **Cable Care:** Avoid sharp bends or kinks in the coil cable. Ensure the cable is securely wrapped around the shaft to prevent snagging.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Battery drained; Power button not pressed correctly.	Charge the battery; Press and hold the power button firmly.
No sound from headphones	Headphones not paired; Headphone battery low; Volume too low.	Re-pair headphones; Charge headphones; Increase volume on detector.
Erratic signals/False signals	Electromagnetic interference; Mineralized ground; Coil cable loose.	Use frequency shift; Perform ground balance; Check coil cable connection.

Problem	Possible Cause	Solution
Poor depth detection	Incorrect frequency for target; Ground balance needed; Low sensitivity setting.	Adjust frequency; Perform ground balance; Increase sensitivity.

SPECIFICATIONS

Model: SW10512

Brand: Deteknix (Quest)

Operating Frequencies: 5 kHz, 13 kHz, 21 kHz (selectable)

Search Coil: 28 x 26 cm (11" x 10") DD Raptor11

Waterproof Rating: Up to 5 meters (16.4 feet)

Battery: 3000 mAh Li-Po (rechargeable)

Battery Life: Up to 20 hours

Charging: Magnetic USB cable

Display: LCD with orange backlight

Weight: 1.4 Kilograms (3.09 lbs)

Adjustable Length: Yes (3-part collapsible shaft)

Audio Output: Built-in speaker, Wireless module for headphones

Special Features: Pinpoint function, Iron discrimination, Vibration mode, Frequency shift

WARRANTY AND SUPPORT

Quest offers a 5-year manufacturer's warranty on the Quest Q35. This warranty covers product defects that indicate a manufacturing fault upon delivery.

Note: Damage resulting from water ingress is excluded from this 5-year warranty; for such cases, the standard 2-year legal warranty applies.

For technical support, warranty claims, or service inquiries, please contact your authorized Quest dealer or visit the official Quest Metal Detectors website.

