

## Teknetics T2

# Teknetics T2LTD-BLK Special Edition Metal Detector User Manual

Model: T2LTD-BLK

## INTRODUCTION

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This manual provides comprehensive instructions for the assembly, operation, maintenance, and troubleshooting of your Teknetics T2LTD-BLK Special Edition Metal Detector. Please read this manual thoroughly before using the device to ensure optimal performance and longevity.

The Teknetics T2LTD-BLK is designed for advanced metal detection, offering exceptional depth and speed for coin shooting and relic hunting. It features dual DD search coils (5-inch and 11-inch) and trigger-actuated pinpointing for precise target location.

## IMPORTANT SAFETY INFORMATION

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- Always exercise caution when digging to avoid underground utilities or hazardous objects.
- Do not operate the detector in thunderstorms or severe weather conditions.
- Keep the control housing dry. The search coils are waterproof, but the control housing is not.
- Use only recommended batteries.
- This device is heavy and may cause strain or injury if not handled properly. Maintain proper posture and take breaks during extended use.

## PRODUCT COMPONENTS

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Your Teknetics T2LTD-BLK package includes the following main components:

- Control Housing with Display
- Upper Stem
- Lower Stem
- Armrest
- 11-inch DD Waterproof Search Coil
- 5-inch DD Waterproof Search Coil
- Coil Mounting Bolt and Washers



Image: Teknetics T2LTD-BLK Metal Detector with both 5-inch and 11-inch DD coils. This image shows the complete metal detector assembly, including the control unit, shaft, armrest, and both the larger 11-inch DD search coil and the smaller 5-inch DD search coil.

## SETUP AND ASSEMBLY

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### 1. Attach the Search Coil:

Secure the desired search coil (11-inch or 5-inch DD) to the lower stem using the provided non-metallic bolt and washers. Ensure it is snug but do not overtighten.

### 2. Assemble the Stems:

Insert the lower stem into the upper stem. Adjust the length to a comfortable position for your height, ensuring the search coil is parallel to the ground when held naturally.

### 3. Mount the Control Housing:

Slide the control housing onto the upper stem. The armrest should be positioned to support your forearm comfortably.

### 4. Connect the Coil Cable:

Wrap the search coil cable securely around the stem, leaving enough slack for coil movement. Plug the connector into the receptacle on the control housing. Ensure the connection is firm.



## 5. Install Batteries:

The T2LTD-BLK requires 4 AA batteries. Open the battery compartment on the control housing and insert the batteries, observing proper polarity. Close the compartment securely.

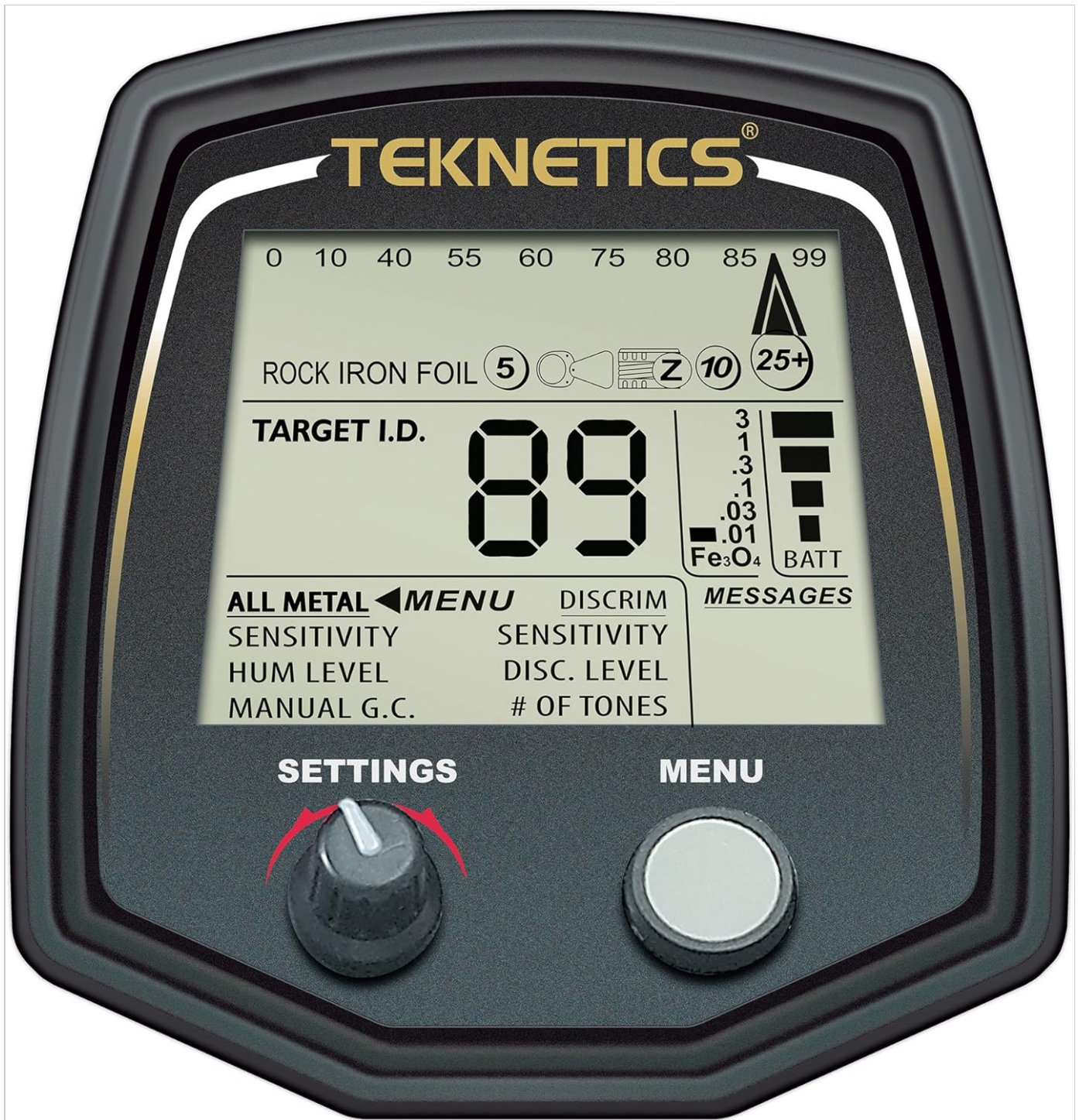


Image: Close-up view of the Teknetics T2LTD-BLK control panel. This image highlights the digital display, showing target ID, sensitivity, discrimination settings, and battery indicator. The control knob and menu button are also visible.

## OPERATING INSTRUCTIONS

### Power On/Off

To power on the detector, press and hold the MENU button. To power off, press and hold the MENU button again until the display turns off.

### Basic Operation Modes

- **All Metal Mode:** Detects all types of metal. Ideal for finding deeply buried targets or when the target material is

unknown.

- **Discrimination Mode:** Allows the user to filter out unwanted metals (e.g., iron) and focus on specific target types.

Key Settings

- **Sensitivity:** Adjusts the detector’s ability to detect targets. Higher sensitivity increases depth but can also increase false signals in mineralized ground.
- **Discrimination Level:** Sets the rejection level for unwanted metals. Higher levels reject more ferrous items.
- **Ground Balance:** Essential for stable operation in mineralized soil. The T2LTD-BLK features manual ground balance. Refer to the detailed manual for specific ground balancing procedures.
- **Number of Tones:** Selects the audio tone response for different target IDs.

Trigger-Actuated Pinpointing

To pinpoint a target, center the search coil over the detected object. Pull and hold the trigger located under the control housing. Slowly move the coil in a cross-pattern over the target. The audio tone will peak, and the target ID will stabilize when the coil is directly over the center of the object.

MAINTENANCE AND CARE

- **Cleaning:** Wipe down the detector with a damp cloth after each use. Do not use abrasive cleaners or solvents.
- **Storage:** Store the detector in a dry, cool place. Remove batteries if storing for extended periods to prevent leakage.
- **Coil Care:** The search coils are waterproof and can be rinsed with fresh water. Ensure the coil cable connection to the control housing remains dry.
- **Battery Replacement:** Replace batteries when the low battery indicator appears on the display.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Dead or incorrectly installed batteries	Replace batteries, check polarity.
Erratic signals/False signals	High sensitivity, poor ground balance, electromagnetic interference (EMI)	Reduce sensitivity, re-ground balance, move away from power lines or other electronics.
No target audio	Volume too low, headphones unplugged/faulty	Increase volume, check headphone connection, try different headphones.
Poor depth detection	Low sensitivity, incorrect ground balance, highly mineralized soil	Increase sensitivity, re-ground balance, consider using a smaller coil in highly mineralized areas.

SPECIFICATIONS

Feature	Detail
Model	T2LTD-BLK (T2 Special Edition)
Operating Frequency	13 kHz
Search Coils	11-inch DD Waterproof, 5-inch DD Waterproof

Feature	Detail
Power Source	4 AA batteries
Battery Life	Approximately 30 hours
Weight	4.1 pounds (1.86 kg)
Adjustable Length	Yes
International Protection Rating	IP54 (Control housing not waterproof)
Recommended Use	Coin Shooting, Relic Hunting

## WARRANTY INFORMATION

Teknetics products are backed by a manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your purchase or visit the official Teknetics website. Keep your proof of purchase for warranty claims.





## CUSTOMER SUPPORT

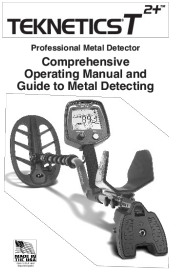
For technical assistance, troubleshooting beyond this manual, or spare parts, please contact Teknetics customer support. You can find contact information on the official Teknetics website or through your authorized dealer.  
Official Teknetics Website: [Teknetics Store on Amazon](#)



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## Related Documents - T2

	<p><a href="#">Teknetics G2 Metal Detector Owner's Manual</a></p> <p>Comprehensive guide to operating and maintaining the Teknetics G2 metal detector, covering assembly, controls, modes, ground balancing, search techniques, and troubleshooting for gold prospecting, relic hunting, and coin shooting.</p>
	<p><a href="#">Teknetics T² Metal Detector: Comprehensive Operating Manual and Guide to Metal Detecting</a></p> <p>This comprehensive operating manual provides detailed instructions for the Teknetics T² metal detector, covering assembly, features, modes, search techniques, and troubleshooting for coin shooting, relic hunting, and gold prospecting.</p>
	<p><a href="#">Teknetics T2 Special Edition Metal Detector: Comprehensive Operating Manual &amp; Guide</a></p> <p>Explore the Teknetics T2 Special Edition Professional Metal Detector with this comprehensive operating manual and guide. Learn about its features, assembly, operation, search techniques, and specific detecting activities like coinshooting, relic hunting, and gold prospecting.</p>
	<p><a href="#">Teknetics T2 Special Edition Professional Metal Detector: Comprehensive Operating Manual</a></p> <p>Discover the Teknetics T2 Special Edition, a high-performance professional metal detector. This manual covers its advanced features, VLF Induction Balance technology, ease of use, and techniques for coinshooting, relic hunting, and gold prospecting.</p>



### [Teknetics T2+ Metal Detector: Comprehensive Operating Manual and Guide](#)

Detailed operating manual and guide for the Teknetics T2+ professional metal detector, covering assembly, features, controls, search techniques, and detecting activities. Learn how to use your metal detector for coinshooting, relic hunting, and gold prospecting.



### [Teknetics T2 Metal Detector: Comprehensive Operating Manual and Guide](#)

Explore the features, operation, and techniques for the Teknetics T2 metal detector, covering coinshooting, relic hunting, gold prospecting, and more. This comprehensive guide provides detailed instructions for optimal performance.