

[Manuals.plus](#) /

› [ROROLL](#) /

› ROROLL TX-640 Foldable Professional Metal Detector User Manual

ROROLL TX-640

ROROLL TX-640 Foldable Professional Metal Detector User Manual

Model: TX-640

INTRODUCTION

The ROROLL TX-640 is a professional-grade foldable metal detector designed for high accuracy in detecting various metals. Its collapsible design ensures easy portability and storage, making it suitable for use in diverse environments, including shallow water with its waterproof search coil. This manual provides essential information for the proper setup, operation, and maintenance of your TX-640 metal detector.



Figure 0: The ROROLL TX-640 Foldable Professional Metal Detector, showcasing its main components including the control unit and waterproof search coil.

KEY FEATURES

- **Two Operation Modes:** Offers "All Metal" and "Discrimination" modes for versatile detection.
- **Adjustable Volume:** Control the audio level for both the speaker and connected headphones.
- **Earphone Jack:** Allows connection of headphones (not supplied) for private listening.
- **View Meter and Pointer:** Visually indicates metal detection by a swinging pointer.
- **Waterproof Search Coil:** Enables searching for metal objects in shallow water. *Note: The control box is not waterproof.*

SETUP AND ASSEMBLY

The ROROLL TX-640 metal detector features a collapsible design, requiring no complex assembly. Simply unfold the unit from its compact storage state. Ensure all connections are secure before use.

FOLDABLE FOR EASY PORTABILITY

INTELLIGENT LCD PANEL

Five modes :
(explore nine metals)

MIN LENGTH
14.5 INCH(370mm)

ARM SUPPORT
MAX length(220mm)

180° fold

ARM SUPPORT
MAX length(220mm)

Built in line

Figure 1: The TX-640 metal detector demonstrating its 180-degree fold for easy portability. It shows the intelligent LCD panel, minimum length (14.5 inches/370mm), and arm support (max length 220mm).

Before first use, install the required batteries (not supplied) into the control box. Refer to the battery compartment for correct polarity. Always remove batteries when storing the detector for extended periods.

OPERATING MODES

The TX-640 offers two primary operating modes:

- **All Metal Mode:** This mode detects all types of metal objects without discrimination. It is ideal for general searching when you want to find any metallic target.
- **Discrimination (DISC) Mode:** This mode allows the detector to ignore certain types of metals, such as iron or foil, and focus on more valuable targets. Use the 'MENU' button to navigate to the discrimination settings and adjust as needed.



Figure 2: Illustration of various metal targets (e.g., copper coin, silver coins, nickel coin, zinc coin, iron nail, pull-tab, alloy screw nuts) that the TX-640 can detect, and how unwanted objects can be eliminated using discrimination.

PINPOINT (PP) FUNCTION

The Pinpoint (PP) function helps to precisely locate the exact position of a detected target. To use this function:

1. Once a target is detected in either All Metal or Discrimination mode, press the **PP button** on the control panel.
2. Slowly sweep the search coil over the target area, maintaining a consistent height above the ground.
3. The detector will provide a more focused signal as you get closer to the target, helping you narrow down its exact location.

COMPREHENSIVE DIGITAL DISPLAY

The TX-640 features an intelligent LCD panel that provides crucial information during operation. Familiarize yourself with the display indicators:

COMPREHENSIVE DIGITAL DISPLAY



Figure 3: Detailed view of the TX-640's LCD display and control panel. Key indicators include Battery Level, Backlight, Digital ID, Sensitivity (8 Levels), Target ID, Target Depth (8 Levels), Volume, Power ON/OFF, Menu, Enter, and PP (Pinpoint) button.

- **Battery Level:** Indicates the remaining battery power.
- **Backlight:** Controls the display backlight for visibility in low-light conditions.
- **Digital ID:** Provides a numerical identification for detected metals.
- **Sensitivity (8 Levels):** Adjusts the detector's sensitivity to targets. Higher sensitivity increases detection depth but may also increase false signals.
- **Target ID:** Visually represents the type of metal detected.
- **Target Depth (8 Levels):** Estimates the depth of the detected target.
- **Volume:** Adjusts the audio output level.
- **Power ON/OFF:** Turns the detector on or off.
- **MENU/ENTER:** Navigates through settings and confirms selections.
- **PP (Pinpoint):** Activates the pinpoint function for precise target location.

MAINTENANCE AND CARE

- **Battery Removal:** Always remove batteries from the detector when it is not in use for extended periods to prevent leakage and damage.
- **Water Protection:** While the search coil is waterproof, the control box and LCD monitor are **not**. Exercise caution to prevent water from entering the LCD monitor or any other non-waterproof components.
- **Cleaning:** Wipe down the detector with a damp cloth after use. Avoid using abrasive cleaners or solvents.
- **Storage:** Store the detector in a cool, dry place, away from direct sunlight and extreme temperatures. Utilize its foldable design for compact storage.



Figure 4: The waterproof search coil of the TX-640 submerged in water, highlighting its capability for shallow water detection. A critical reminder states that the control box is not waterproof.

TROUBLESHOOTING

Erratic Signals / False Signals:

If the detector continuously sends erratic or false signals, the sensitivity setting may be too high for the current environment. Try reducing the sensitivity level until the false signals disappear. Environmental factors such as highly mineralized soil, electromagnetic interference, or nearby power lines can cause such issues.

No Power:

Check if the batteries are correctly installed with the proper polarity. Ensure the batteries have sufficient charge. Replace with fresh batteries if necessary.

No Audio:

Verify that the volume is turned up. If using headphones, ensure they are properly plugged into the earphone jack and functioning correctly. Disconnect headphones to check speaker output.

SPECIFICATIONS

Brand	ROROLL
Model Number	TX-640 (1005006039554390)
Operation Modes	All Metal, Discrimination (DISC)
Search Coil	Waterproof
Control Box	Not Waterproof
Display	LCD with Backlight, Digital ID, Target ID, Depth Indicator
Sensitivity	8 Levels Adjustable
Item Weight	50 Grams
Parcel Dimensions	3 x 2 x 1 cm
Country of Origin	China

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your purchase or contact the retailer where the product was acquired. Keep your proof of purchase for any warranty claims.