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**BUUBO 1005006039554390**

# User Manual for BUUBO TX-640H Foldable Professional Metal Detector

Model: TX-640H (1005006039554390)

## INTRODUCTION

The BUUBO TX-640H is a professional-grade, foldable metal detector designed for high accuracy gold and metal detection. Its collapsible design makes it highly portable, ideal for travel, vacation, and camping. This manual provides comprehensive instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device.

## SAFETY INFORMATION

- Always remove batteries when the detector is not in use for extended periods to prevent leakage.
- Ensure the LCD monitor is protected from water ingress. While the search coil is waterproof, the control box is not.
- Avoid using the detector in areas with known unexploded ordnance or dangerous electrical lines.
- Always obtain permission before metal detecting on private property.
- Exercise caution when digging to avoid injury or damage to property.

## PACKAGE CONTENTS

Please check the package contents upon receipt to ensure all items are present:

- BUUBO TX-640H Metal Detector (Main Unit with Control Box and Search Coil)
- Headphones (if included in your specific package)
- User Manual
- Storage Bag

## PRODUCT OVERVIEW

The TX-640H metal detector features a robust design with an intuitive control panel and a waterproof search coil. Its foldable structure allows for easy transport and storage.



Image: The complete BUUBO TX-640H metal detector assembly, including the main unit with its control panel, the foldable shaft, the waterproof search coil, and a pair of wired headphones.

### Key Components:

- **Control Box:** Houses the LCD display, control buttons, and battery compartment.
- **Shaft:** Adjustable and foldable for comfortable use and portability.
- **Search Coil:** The primary detection component, designed to be waterproof.
- **Arm Support:** Provides stability and comfort during prolonged use.
- **Headphone Jack:** For connecting headphones (not supplied with all models) for private listening.

### SETUP AND ASSEMBLY

The TX-640H features a collapsible design, requiring minimal assembly. Simply unfold the unit and secure the components.

# FOLDABLE FOR EASY PORTABILITY



Image: Illustration of the TX-640H metal detector's foldable mechanism, showing how it collapses for easy portability and storage. It highlights the minimum length of 14.5 inches (370mm) and the 180-degree fold capability.

- 1. Unfolding the Detector:** Gently unfold the shaft sections until they lock into place. Ensure all locking mechanisms are securely fastened.
- 2. Adjusting Arm Support:** Position the arm support for comfortable use. The maximum length for the arm support is 220mm.
- 3. Battery Installation:** Open the battery compartment on the control box and insert the required batteries, observing polarity.
- 4. Connecting Headphones (Optional):** If using headphones, plug them into the earphone jack on the control box.

## OPERATING INSTRUCTIONS

### Control Panel Overview:

# COMPREHENSIVE DIGITAL DISPLAY



Image: A close-up view of the TX-640H metal detector's intelligent LCD control panel, with labels pointing to various indicators and buttons such as Battery Level, Backlight, Digital ID, Sensitivity (8 Levels), Power ON/OFF, Menu, Volume, Target ID, Target Depth (8 levels depth), Backlight ON/OFF, and PP (Pinpoint) button.

- **POWER ON/OFF:** Press to turn the detector on or off.
- **MENU:** Press to navigate through different functions and settings.
- **ENTER:** Confirm selection or setting.
- **PP (Pinpoint):** Press to precisely locate the target.
- **Backlight ON/OFF:** Controls the display backlight.
- **Volume:** Adjusts the audio level of the speaker and headphones.
- **Sensitivity:** Adjusts the detector's sensitivity to targets. (8 levels)
- **Target ID:** Displays a numerical value indicating the type of metal detected.
- **Target Depth:** Indicates the approximate depth of the detected object. (8 levels)
- **Battery Level:** Shows the current battery charge.

## Operation Modes:

The TX-640H offers two primary operation modes:

- **All Metal Mode:** Detects all types of metal objects. This mode offers the greatest depth detection.
- **Discrimination (DISC) Mode:** Allows the user to discriminate against certain types of metal, ignoring unwanted junk targets. Use the MENU button to adjust discrimination settings (NOTCH).

## Using the Detector:

1. **Power On:** Press the POWER button. The detector will perform a self-test.
2. **Adjust Settings:**
  - **Sensitivity:** Adjust sensitivity using the appropriate buttons. If the detector sends erratic signals, reduce sensitivity.
  - **Volume:** Set to a comfortable listening level.
  - **Discrimination (NOTCH):** In DISC mode, use the MENU and arrow buttons to select and eliminate specific metal categories based on their Target ID values.
3. **Sweeping the Search Coil:** Hold the detector with the search coil parallel to the ground, about 1-2 inches above the surface. Sweep the coil slowly from side to side in overlapping arcs.
4. **Target Indication:** When a metal object is detected, the meter pointer will swing to the right, and an audio tone will sound. The Target ID and Depth indicators on the LCD will provide more information.
5. **Pinpoint Function:** To precisely locate a detected target, press the PP button. Sweep the search coil slowly over the target area while maintaining a consistent height above the ground. The audio signal will peak directly over the center of the target.

# 9 Metals Targets

Detection depth up to 10 feet



Image: An illustrative diagram showing various metal targets (e.g., iron nail, copper coin, nickel coin, zinc coin, silver coins, pull-tab, alloy screw nuts) buried at different depths, demonstrating the detector's ability to identify and eliminate unwanted objects. Detection depth is up to 10 feet.

## Waterproof Search Coil:

The search coil is designed to be waterproof, allowing you to search for metal objects in shallow water. However, it is crucial to remember that the control box is NOT waterproof and must be kept dry at all times.



**NOTE: THE CONTROL BOX IS NOT WATERPROOF**

Image: The waterproof search coil of the TX-640H metal detector submerged in water, indicating its capability for underwater detection.

Note: The control box is not waterproof.

## Maintenance

- Cleaning:** Wipe the detector with a damp cloth after each use. Do not use abrasive cleaners or solvents. Ensure the control box remains dry.
- Battery Care:** Always remove batteries when storing the detector for extended periods to prevent corrosion. Dispose of old batteries responsibly.
- Storage:** Store the detector in a cool, dry place, away from direct sunlight and extreme temperatures. Utilize the provided storage bag for protection.
- Coil Protection:** Avoid dragging the search coil directly on rough surfaces to prevent wear and tear.

## Troubleshooting

Problem	Possible Cause	Solution
Detector does not power on.	Dead or incorrectly installed batteries.	Check battery polarity; replace with fresh batteries.
Erratic signals or false positives.	Sensitivity too high; electromagnetic interference; mineralized ground.	Reduce sensitivity; move away from power lines or other electronics; try adjusting ground balance if available (not explicitly mentioned for this model, but a general tip).
No detection of metal objects.	Incorrect mode (e.g., too much discrimination); sensitivity too low; object too deep.	Switch to "All Metal" mode; increase sensitivity; ensure proper sweeping technique.
Weak or no audio.	Volume too low; headphone issue.	Increase volume; check headphone connection or try without headphones.

## SPECIFICATIONS

Feature	Detail
Model Number	1005006039554390 (TX-640H)
Brand	BUUBO
Operation Modes	All Metal, Discrimination (DISC)
Search Coil	Waterproof
Display	LCD with Backlight
Sensitivity Levels	8 Levels
Target Depth Indication	8 Levels
Pinpoint Function	Yes
Foldable Design	Yes (Min length 14.5 inches / 370mm)
Item Weight	50 Grams
Parcel Dimensions	3 x 2 x 1 cm

## WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your purchase or contact BUUBO customer service through the retailer where the product was purchased. Please have your model number (TX-640H or 1005006039554390) and purchase date ready when contacting support.

For further assistance, you may visit the official BUUBO support page or contact their customer service directly. Keep your proof of purchase for warranty claims.

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