



Manuals.plus /

› EliteBloom /

› EliteBloom MT705 Metal Detector User Manual

EliteBloom MT705

EliteBloom MT705 Metal Detector User Manual

Model: MT705

1. INTRODUCTION

Thank you for choosing the EliteBloom MT705 Metal Detector. This manual provides essential information for the proper assembly, operation, and maintenance of your device. Please read it thoroughly before use to ensure optimal performance and safety.

2. SAFETY INFORMATION

- Always operate the metal detector in a safe environment, away from live electrical wires or hazardous materials.
- The search coil is waterproof, but the control housing is not. Avoid submerging the control unit in water.
- Use appropriate personal protective equipment, such as gloves, when digging to avoid injury from sharp objects.
- Respect private property and local regulations regarding metal detecting.
- Keep batteries out of reach of children.

3. PACKAGE CONTENTS

Upon unpacking, please verify that all items listed below are present:

- 1 x EliteBloom MT705 Metal Detector Unit
- 1 x User Manual

4. PRODUCT OVERVIEW

The EliteBloom MT705 is designed for efficient detection of various metal objects. It features a waterproof search coil, multiple detection modes, and an adjustable design for user comfort.



Image 4.1: EliteBloom MT705 Metal Detector. This image displays the complete metal detector unit, including the control housing, adjustable stem, armrest, and search coil.

Key Features:

- **Double-D Search Coil:** Provides enhanced detection range and ground coverage.
- **Pinpoint Searching Mode:** Allows for accurate localization of detected targets.
- **Adjustable Stem:** Accommodates users of various heights for comfortable operation.
- **Human Mechanics Handle:** Ergonomically designed grip and elbow support for extended use.
- **Detector Stand:** Prevents damage when the unit is placed on the ground.
- **LCD Display:** Provides clear visual feedback on detection parameters.

FEATURES



Image 4.2: Detailed view of the MT705 features, highlighting the waterproof search coil, pinpoint searching mode, human mechanics handle, adjustable stem, and detector stand.

5. ASSEMBLY AND SETUP

Follow these steps to assemble your MT705 Metal Detector:

1. **Attach the Search Coil:** Secure the search coil to the lower stem using the provided fasteners.
2. **Connect the Stems:** Insert the lower stem into the middle stem, and then connect the middle stem to the upper stem (which includes the control housing and armrest). Ensure all connections are firm.
3. **Adjust Length:** Adjust the length of the stem to a comfortable height using the adjustment mechanisms. The total length can be extended up to 1.41m.
4. **Install Batteries:** Open the battery compartment on the control housing and insert 4 AA batteries (not included), ensuring correct polarity. Close the compartment securely.
5. **Wrap Cable:** Carefully wrap the search coil cable around the stem, ensuring it is not too tight or loose, and plug it into the designated port on the control housing.



Image 5.1: Dimensional description of the MT705, illustrating adjustable height and component sizes for assembly reference.

6. OPERATION

6.1 Powering On and Basic Settings

- Press the power button to turn on the detector. The LCD screen will illuminate.
- Adjust sensitivity using the designated controls to suit your environment. Higher sensitivity increases detection depth but may also increase false signals.
- Select the desired operating frequency (3kHz, 7.5kHz, or 18.75kHz) based on the target type and ground conditions. Lower frequencies are generally better for larger, deeper targets, while higher frequencies are better for smaller targets and gold nuggets.

6.2 Detection Modes

The MT705 offers specialized detection modes:

- **Coin and Treasure Mode:** This mode is optimized for detecting common items such as coins, jewelry, and relics. It typically offers discrimination features to filter out unwanted metals.
- **Prospecting Mode:** Specifically designed for finding gold nuggets and small relics. This mode often

operates with higher sensitivity to detect tiny targets.

6.3 Pinpoint Function

Once a target is detected, press the pinpoint button to narrow down its exact location. Move the search coil slowly over the target area until the signal is strongest and most stable, indicating the center of the target.



Image 6.1: Illustration of various metals detectable by the MT705, including Nickel, Gold, Aluminium, Silver, Iron, Zinc, and Copper.

6.4 Operating in Water

The search coil of the MT705 is waterproof, allowing for detection in shallow water. However, the control housing is not waterproof and must be kept dry at all times. Ensure the coil cable connection to the control housing is secure and dry before operating near water.

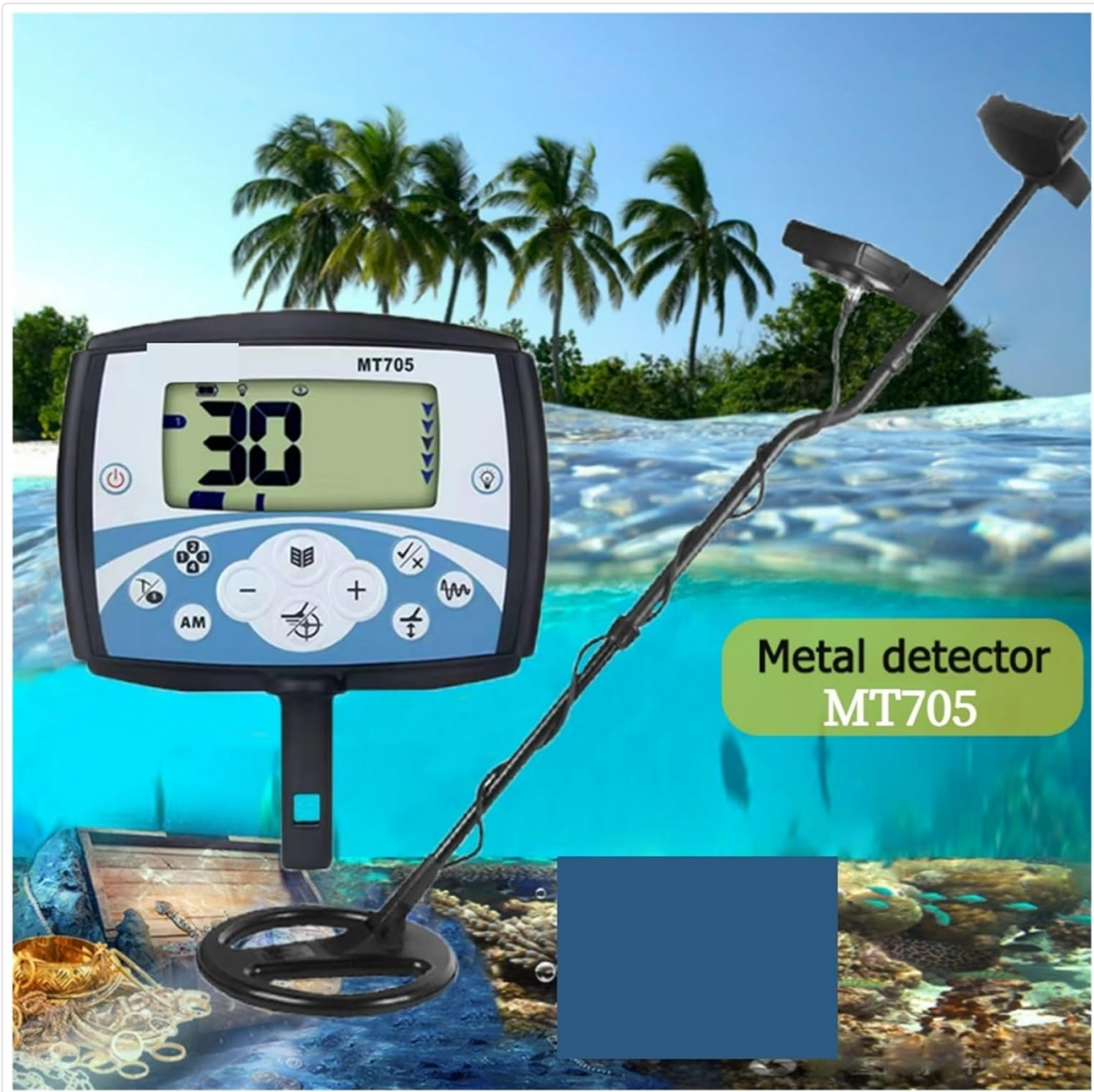


Image 6.2: The MT705 Metal Detector with its waterproof search coil partially submerged in water, demonstrating its capability for shallow water detection.

7. MAINTENANCE

- **Cleaning:** After each use, wipe down the detector with a damp cloth. For the search coil, rinse off any dirt or debris. Ensure the control housing remains dry.
- **Storage:** Store the detector in a cool, dry place when not in use. Remove batteries if storing for extended periods to prevent leakage.
- **Battery Replacement:** Replace batteries when the low battery indicator appears on the LCD screen. Always use fresh, high-quality AA batteries.
- **Cable Inspection:** Regularly check the search coil cable for any signs of wear or damage.

8. TROUBLESHOOTING

8.1 No Power

- Check if batteries are correctly installed with proper polarity.

- Replace old or depleted batteries with new ones.

8.2 False Signals or Erratic Behavior

- Reduce sensitivity settings, especially in highly mineralized ground or areas with electromagnetic interference.
- Ensure the search coil cable is securely connected and not damaged.
- Move away from power lines, cell phones, or other electronic devices that may cause interference.

8.3 Poor Detection Depth

- Increase sensitivity if conditions allow.
- Ensure the search coil is parallel to the ground during sweeps.
- Check battery levels; low batteries can affect performance.

9. SPECIFICATIONS

Feature	Specification
Main Material	Metal
Battery Type	4 * AA battery (not included)
Standard Frequency	7.5kHz
Low Frequency	3kHz
High Frequency	18.75kHz
Current	Standby 50mA, Max. 270mA
Voltage	6V
Screen	LCD display with backlight
Sensitivity	Adjustable
Operating Temperature	0~45°C (32~113°F)
Storage Temperature	-20~65°C (-4~149°F)
Search Coil Diameter	270mm / 10.6in
Extendable Length	1.41m
Length After Contraction	1.20m
Item Weight	1343g / 3.0lb
Package Weight	2300g / 5.1lb

10. WARRANTY AND SUPPORT

EliteBloom products are manufactured to high-quality standards. For warranty information or technical support, please refer to the contact details provided with your purchase documentation or visit the official EliteBloom website. Please retain your proof of purchase for any warranty claims.