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› [Minelab X-Terra 705-Gold Metal Detector User Manual](#)

MINELAB 3706-0123

Minelab X-Terra 705-Gold Metal Detector User Manual

Model: 3706-0123

1. INTRODUCTION

The Minelab X-Terra 705-Gold is a versatile metal detector designed for both gold prospecting and general coin and treasure hunting. It features advanced technology to perform effectively in various ground conditions, including highly mineralized soils.



Figure 1: Minelab X-Terra 705-Gold Metal Detector overview.

Key Features:

- Minelab's proprietary True Digital VFLEX technology for single frequency detection with interchangeable coils.
- Compatibility with low, mid, and high frequency coils, offering 7 X-TERRA accessory coil options.
- Manual ground balance adjustment range from 1 to 90, with automatic, beach, tracking, and tracking settings.

- True automatic Ground Balance to minimize false ground noises and enhance small gold signal detection.
- Effective noise cancel feature to reduce interference.
- Two Pinpoint Modes: Auto and Sizing, providing information on target characteristics including shape and size.

2. SAFETY INFORMATION

Always exercise caution when using the metal detector. Before operating, ensure you are aware of local regulations regarding metal detecting. Avoid detecting in areas with buried utilities or unexploded ordnance. Keep the device away from water unless the coil is specifically rated for submersion. Protect the control unit from moisture and extreme temperatures. Use appropriate personal protective equipment, such as headphones, to protect your hearing.

3. PACKAGE CONTENTS

Verify that all components are present in your package:

- Minelab X-Terra 705-Gold Control Unit
- Search Coil (typically a high-frequency Double-D coil for the Gold Pack)
- Lower Stem, Middle Stem, Upper Stem
- Armrest
- Coil Bolt and Washers
- 4 AA Batteries
- User Manual (this document)

4. ASSEMBLY AND SETUP

4.1 Assembling the Detector

1. **Attach the Search Coil:** Secure the search coil to the lower stem using the provided bolt and washers. Ensure it is snug but do not overtighten.
2. **Connect the Stems:** Insert the lower stem into the middle stem, and then the middle stem into the upper stem. Adjust the length to a comfortable operating position. The detector features an adjustable length for user comfort.
3. **Install the Armrest:** Attach the armrest to the upper stem.
4. **Mount the Control Unit:** Slide the control unit onto the upper stem until it clicks into place.
5. **Connect the Coil Cable:** Wrap the coil cable securely around the stem, leaving enough slack for coil movement, and plug the connector into the control unit. Ensure the connection is firm.

4.2 Battery Installation

The Minelab X-Terra 705-Gold requires 4 AA batteries for operation. Open the battery compartment on the control unit, insert the batteries according to the polarity indicators, and close the compartment securely.



Figure 2: Control panel of the Minelab X-Terra 705-Gold, showing battery indicator and various controls.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

Press and hold the power button (usually marked with a circle and a vertical line) on the control unit to turn the detector on or off. The display will illuminate upon startup.

5.2 Selecting Operating Modes

The X-Terra 705-Gold offers pre-programmed modes for different detecting purposes:

- **Prospecting Mode:** This specialized mode offers improved sensitivity, making the detector more responsive to small target signals, particularly useful in highly mineralized areas for gold nuggets, small relics, and certain types of jewelry.
- **Coin and Treasure Hunting Modes:** Switch to these modes for general detecting of coins, jewelry, and other metallic objects.

5.3 Ground Balance

Ground balance is crucial for stable operation and accurate target identification, especially in mineralized ground. The X-Terra 705-Gold offers several options:

- **Automatic Ground Balance:** This setting automatically adjusts to eliminate false ground noises, allowing you to hear elusive small gold signals more clearly.
- **Manual Ground Balance:** Allows for precise adjustment within a range of 1 to 90. This is useful for experienced users in

specific ground conditions.

- **Beach Mode:** Optimized for detecting on wet sand and saltwater environments.
- **Tracking:** Continuously adjusts the ground balance as you detect, adapting to changing ground conditions.

5.4 Noise Cancel

Use the noise cancel feature to reduce electromagnetic interference from power lines, other detectors, or environmental sources. This improves signal clarity and target detection.

5.5 Pinpoint Modes

The detector includes two pinpoint modes to accurately locate targets:

- **Auto Pinpoint:** Provides a general indication of the target's location.
- **Sizing Pinpoint:** Offers valuable information on target characteristics, including its approximate shape and size, aiding in recovery.

5.6 Changing Coils and Frequencies

The X-Terra 705-Gold utilizes Minelab's VFLEX technology, allowing you to change the detector's operating frequency by simply changing the search coil. This provides increased versatility, as the detector is compatible with low, mid, and high-frequency coils, with 7 X-TERRA accessory coil options available.



Figure 3: An individual operating the Minelab X-Terra 705-Gold metal detector in an open field.



Figure 4: Two users engaged in metal detecting with Minelab X-Terra 705-Gold units in a natural environment.

6. MAINTENANCE

6.1 Cleaning

After each use, wipe down the detector with a damp cloth to remove dirt and debris. Avoid using harsh chemicals or abrasive cleaners. The control unit has an International Protection Rating of IP54, meaning it is protected from dust and splashing water from any direction. However, it is not designed for submersion. The search coil can be rinsed with water if necessary, but ensure the coil connector and control unit remain dry.

6.2 Battery Care

Remove batteries if the detector will not be used for an extended period to prevent leakage and damage. Always use fresh, high-quality AA batteries.

6.3 Storage

Store the metal detector in a cool, dry place, away from direct sunlight and extreme temperatures. Disassemble the stems if desired for more compact storage.

7. TROUBLESHOOTING

If you encounter issues with your Minelab X-Terra 705-Gold, refer to the following common problems and solutions:

- **No Power:**

- Check if batteries are correctly installed and fully charged.

- Ensure the battery compartment is securely closed.

- **Erratic Signals or False Alarms:**

- Perform a ground balance procedure for the current ground conditions.
- Use the Noise Cancel function to reduce electromagnetic interference.
- Ensure the coil cable is tightly connected and not damaged.
- Move away from power lines, fences, or other sources of electrical interference.

- **Poor Depth or Sensitivity:**

- Verify that the correct operating mode is selected for your target type and ground conditions.
- Re-check ground balance.
- Ensure the search coil is clean and free of debris.

- **No Audio:**

- Check volume settings.
- If using headphones, ensure they are properly plugged in and functional.

For further assistance, contact Minelab customer support.

8. SPECIFICATIONS

Brand	MINELAB
Model Number	3706-0123
Power Source	Battery Powered
Battery Type	4 AA batteries required
Material	Gold, Metal (referring to detection capability)
Item Weight	4.75 Pounds (2.15 kg)
Product Dimensions	23.25 x 11.5 x 3.25 inches (59.05 x 29.21 x 8.25 cm)
Extended Length	10 Inches (adjustable)
International Protection Rating	IP54 (Protected from dust and splashing water)
Recommended Uses	Gold/Mineral Prospecting, Metal Detection
UPC	709202823089, 634173216052, 811493012971, 714131758036, 611517148163

9. WARRANTY AND SUPPORT

For information regarding warranty coverage, please refer to the documentation included with your purchase or visit the official Minelab website. For technical support, spare parts, or service inquiries, please contact Minelab customer service directly. You can find more information about MINELAB products and support at their official store: [MINELAB Store](#).

