

MINELAB 3317-0001

Minelab Gold Monster 1000 Gold Detector User Manual

Model: 3317-0001

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1. PRODUCT OVERVIEW

The Minelab Gold Monster 1000 is a high-performance gold detector designed for adults, featuring advanced technology and user-friendly operation. It is engineered to significantly boost sensitivity to gold across a wide range of nugget sizes, minimizing false signals and noise.

Key features include:

- **Advanced Technology:** Utilizes 45 kHz VLF and a 24-bit signal processor for enhanced gold sensitivity.
- **Fully Automatic Operation:** Features automatic noise canceling, ground balance, and sensitivity adjustments, making it suitable for both beginners and experienced users.
- **Precise Discrimination:** Improved identification capabilities for effective searching in various soil conditions, including salty soils.
- **Waterproof Coil:** The included coil is waterproof up to 3 feet (1 meter), allowing for detection in wet environments. The control box is rainproof.
- **Easy-to-Use Interface:** Equipped with a touchpad interface, gold chance indicator, multiple detect modes (Gold/Iron Reject, Deep All-Metal), sensitivity options, and adjustable volume.
- **Adaptable Height:** Features a telescoping shaft for universal shaft adaptability, allowing adjustment to suit different user heights and search environments.



Figure 1: The Minelab Gold Monster 1000 Gold Detector, showcasing its main components including the control unit, shaft, and search coil.

2. SETUP AND ASSEMBLY

Follow these steps to assemble and prepare your Gold Monster 1000 for use:

1. **Unpack Components:** Carefully remove all components from the packaging. Ensure you have the control unit, telescoping shaft, search coil, and battery pack.
2. **Attach Search Coil:** Securely attach the search coil to the lower section of the telescoping shaft using the provided hardware. Ensure the coil cable is routed neatly along the shaft.
3. **Assemble Shaft:** Connect the shaft sections. The Gold Monster 1000 features a universal shaft adaptability, allowing you to adjust its length. Extend or collapse the telescoping shaft to a comfortable operating height.
4. **Connect Control Unit:** Mount the control unit to the upper part of the shaft. Connect the search coil cable to the designated port on the control unit. Ensure the connection is firm.
5. **Install Batteries:** The detector requires 2 AA batteries, which are included. Open the battery compartment on the control unit and insert the batteries, observing the correct polarity. Close the compartment securely.
6. **Adjust Armrest:** Position the armrest for comfortable use. It should support your forearm without causing strain during prolonged detection.

والتش الذهب ١٠٠٠ GOLD MONSTER 1000



Figure 2: The Minelab Gold Monster 1000 demonstrating its adjustable shaft, allowing users to customize the detector's length for comfortable operation in various terrains.

3. OPERATING INSTRUCTIONS

The Gold Monster 1000 is designed for fully automatic operation, simplifying the gold detection process.

3.1 Powering On and Initial Settings

- **Power On:** Press the power button on the control unit. The LCD display will illuminate.
- **Automatic Functions:** The detector will automatically perform noise canceling and ground balancing upon startup, adapting to the current environmental conditions.
- **Sensitivity:** The detector features automatic sensitivity. You can also select Manual Sensitivity, Auto, or Auto+ via the touchpad interface for fine-tuning.
- **Volume Control:** Adjust the audio volume using the dedicated controls on the touchpad. Headphones are not included but can be used for clearer audio signals.

3.2 Detection Modes

The Gold Monster 1000 offers two primary detection modes:

- **Gold (Iron Reject) Mode:** This mode is optimized for detecting gold nuggets while rejecting iron targets, reducing the number of unwanted signals.
- **Deep All-Metal Mode:** Provides maximum detection depth and sensitivity to all metal types, including gold. Use this mode when searching for deeper targets or in areas with minimal trash.

3.3 Gold Chance Indicator

The Gold Chance Indicator on the LCD display provides a visual representation of the likelihood of a detected target being gold. Pay attention to this indicator for more efficient prospecting.



- Gold Chance Indicator
- Detect Modes: Gold and Deep All-Metal
- Sensitivity Options: Manual Sensitivity, Auto, Auto+
- Adjustable Volume: 6 volume levels

Figure 3: Close-up view of the Minelab Gold Monster 1000's control panel, showing the LCD display, touchpad interface, and various control buttons for mode selection, sensitivity, and volume.

Video 1: An official video from MINELAB demonstrating the universal gold detection capabilities of the Gold Monster 1000 in various environments.

3.4 Searching Techniques

- **Sweep Pattern:** Maintain a consistent, slow sweep of the coil, keeping it parallel to the ground and as close as

possible without touching.

- **Overlap:** Ensure each sweep slightly overlaps the previous one to avoid missing targets.
- **Waterproof Coil Use:** The 5-inch Double-D GM05 coil is waterproof up to 3 feet (1 meter). This allows for effective detection in shallow water, streams, and wet ground conditions. The control box is rainproof, but avoid submerging it.

45 KHZ VLF & 24-BIT SIGNAL PROCESSOR

Significantly boosts sensitivity to gold beyond that of other single frequency VLF detectors.

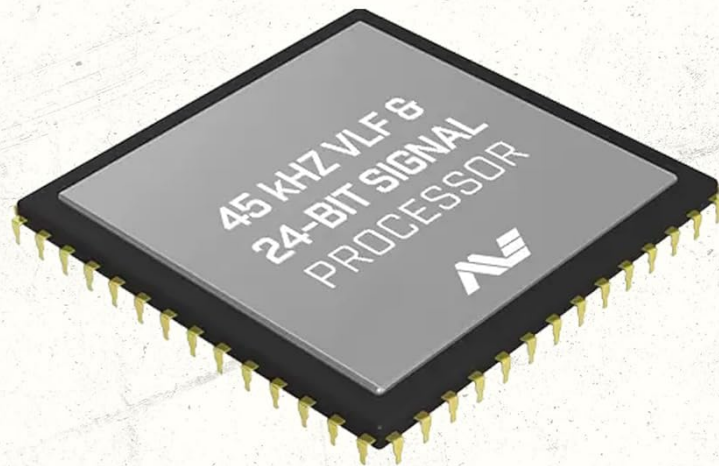


Figure 4: A user operating the Minelab Gold Monster 1000, highlighting the waterproof search coil being used near water, demonstrating its capability for wet conditions.

4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Gold Monster 1000.

- **Cleaning:** After each use, wipe down the detector with a damp cloth to remove dirt, dust, and debris. Avoid using harsh chemicals or abrasive cleaners.
- **Coil Care:** While the coil is waterproof, rinse it with fresh water after use in saltwater or muddy conditions. Ensure the coil cable connection to the control unit is clean and dry.
- **Battery Care:** Handle batteries carefully. Remove batteries if the detector will not be used for an extended

period to prevent leakage. Store batteries in a cool, dry place.

- **Storage:** Store the detector in a dry, temperate environment, away from direct sunlight and extreme temperatures. If possible, store it in its original packaging or a protective case.
- **Cable Inspection:** Periodically inspect all cables and connections for any signs of wear, damage, or fraying.

5. TROUBLESHOOTING

If you encounter issues with your Gold Monster 1000, consider the following common solutions:

Problem	Possible Cause	Solution
Detector does not power on.	Dead or incorrectly installed batteries.	Check battery polarity. Replace with fresh AA batteries.
No audio signal or weak signal.	Volume too low; faulty coil connection; headphones not connected properly.	Increase volume. Re-check coil cable connection. Ensure headphones are fully plugged in.
Excessive false signals/noise.	High electromagnetic interference; improper ground balance; high sensitivity setting.	Move away from power lines or other electronics. Allow automatic ground balance to complete. Reduce sensitivity if necessary.
Poor detection depth.	Incorrect mode selection; low sensitivity; heavily mineralized ground.	Switch to Deep All-Metal mode. Increase sensitivity. Perform ground balance again.

If the issue persists after attempting these solutions, please refer to the Warranty & Support section for further assistance.

6. PRODUCT SPECIFICATIONS

Feature	Detail
Brand	MINELAB
Model Number	3317-0001
Color	Black
Power Source	Battery Powered (2 AA batteries included)
Item Weight	2.94 Pounds (approx. 1.33 kg)
Product Dimensions (LxWxH)	9.75" x 5.5" x 45.4" (approx. 24.77cm x 13.97cm x 115.32cm)
Adjustable Length	Yes
International Protection Rating	IP54 (for control unit, coil is waterproof)
Operating Frequency	45 KHz
Display Type	LCD

Feature	Detail
Search Coil Size	127 Millimeters (5 inches) Double-D GM05
UPC	811493016443

7. WARRANTY & SUPPORT

For detailed warranty information regarding your Minelab Gold Monster 1000 Gold Detector, please refer to the warranty card included with your product or visit the official MINELAB website. Warranty terms and conditions may vary by region.

For technical support, service, or additional product information, please contact MINELAB customer service or visit their official support channels. You can find more information and contact details on the [MINELAB Store on Amazon](#) or their corporate website.

Important Safety Information: Avoid water exposure to the control unit. Handle batteries carefully. Do not use near electrical equipment.