**gogonova GT33002-US-1**

# GoGonova Metal Detector GT33002-US-1 Instruction Manual

Model: GT33002-US-1

## 1. INTRODUCTION

This manual provides detailed instructions for the assembly, operation, and maintenance of your GoGonova Metal Detector (Model GT33002-US-1). Please read this manual thoroughly before using the device to ensure proper function and to maximize your treasure hunting experience. This metal detector is designed for both adults and children, offering two operational modes and an intuitive display for efficient metal detection.

## 2. SAFETY INFORMATION

- Always be aware of your surroundings when using the metal detector.
- Avoid detecting in areas with known underground utilities (e.g., electrical cables, gas lines).
- Do not use the metal detector during electrical storms.
- The control box is **not waterproof**. Protect it from water exposure. Only the search coil is IP68 waterproof.
- Exercise caution when digging to avoid injury or damage to property.
- Keep batteries out of reach of small children.

## 3. PACKAGE CONTENTS

Upon unpacking, please verify that all the following items are included:

- GoGonova Metal Detector (Main Unit)
- 8-inch Waterproof Search Coil
- Adjustable Stem
- Control Box with LCD Display
- Armrest
- Detection Carry Bag

- Multi-functional Shovel

- Anti-noise Earphones

- 2 x 9V Batteries

- User Manual (this document)



Image 3.1: All components included in the GoGonova Metal Detector package.

# 4. PRODUCT OVERVIEW

Familiarize yourself with the main parts of your metal detector:

# Most Comprehensive & Higher Accurate Metal Detector

Search Coil

Control Box

Stem Lock Knob

Intelligent LCD Panel

Coil Lock Knob

Ergonomic Design

Lower Stem

Handle Grip

Middle Stem

**IP68 Waterproof**  **8 inch Depth**  **Higher Accurate**  **Bigger LCD**  **Anti-interference**

Image 4.1: Labeled diagram showing the search coil, stem, control box, handle grip, and armrest.

- **Search Coil:** The primary component for detecting metal objects. This 8-inch coil is IP68 waterproof.
- **Control Box:** Houses the electronics, LCD display, and control buttons.**Note: The control box is not waterproof.**
- **Adjustable Stem:** Allows for length adjustment from 39.3 inches to 51.3 inches to suit users of different heights.
- **Handle Grip:** Provides a comfortable hold during operation.
- **Armrest:** Supports the forearm for reduced fatigue during extended use.

# 5. ASSEMBLY

The GoGonova Metal Detector is designed for quick and easy assembly:

1. **Attach the Search Coil:** Connect the search coil to the lower stem using the provided bolt and knob. Ensure it is securely fastened but allows for slight angle adjustment.
2. **Connect Stem Sections:** Insert the lower stem into the middle stem, and then the middle stem into the upper

stem (which is attached to the control box). Secure each section using the stem lock knobs.

3. **Adjust Length:** Adjust the stem to a comfortable length for your height. The detector should allow you to sweep the coil parallel to the ground without bending excessively.

4. **Install Batteries:** Open the battery compartment on the control box and insert the two 9V batteries, observing correct polarity.

5. **Connect Coil Cable:** Wrap the search coil cable around the stem and plug the connector into the corresponding port on the control box. Ensure the cable is not taut or loose.

6. **Attach Armrest:** Slide the armrest onto the upper stem if not already attached, positioning it for comfort.

# 6. CONTROL PANEL OVERVIEW

The intuitive LCD display and control buttons allow for easy operation:



Image 6.1: Detailed view of the LCD display and control buttons.

- **Power ON/OFF Button:** Press and hold for 1-2 seconds to turn the detector on or off.
- **SENS Key:** Adjusts sensitivity. Higher sensitivity increases detection depth but may also increase false

signals.

- **Backlight Key:** Toggles the LCD backlight for use in low-light conditions.
- **DISC Key:** Activates Discrimination Mode, allowing you to filter out unwanted metal types.
- **EAR Jack:** For connecting the anti-noise earphones.
- **LCD Display:** Shows Target ID Cursor, Coin Depth Cursor, SENS Cursor, Battery Cursor, and Overload indicator.

**Important: Please remove the protective film from the LCD screen before first use for optimal clarity.**

# 7. OPERATING MODES

Your GoGonova Metal Detector features two primary operating modes:



Image 7.1: Visual representation of All Metal Mode and Disc Mode detection capabilities.

## 7.1. All Metal Mode (A-M Mode)

In this mode, the detector will respond to all types of metal. This is ideal for general searching when you want to find

any metallic object, regardless of its composition. To activate, press the MODE button (if available, otherwise it's the default mode or selected via DISC key). The display will indicate that all metal types are being detected.

## 7.2. Discrimination Mode (DISC Mode)

Discrimination Mode allows you to filter out specific types of metal, such as iron or foil, to focus on more valuable targets like coins or jewelry. Press the DISC key to enter this mode. You can then adjust the discrimination level to ignore certain metals. The display will show which metal types are being excluded from detection.

# 8. BASIC OPERATION

Follow these steps for effective metal detection:

1. **Power On:** Press and hold the Power ON/OFF button for 1-2 seconds.
2. **Select Mode:** Choose between All Metal Mode or Discrimination Mode using the DISC key, based on your search objectives.
3. **Adjust Sensitivity:** Use the SENS key to adjust the sensitivity. Start with a medium setting and increase if needed, reducing if false signals occur.
4. **Sweeping Technique:** 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.

Image 8.1: Proper sweeping involves keeping the coil parallel to the ground and moving it slowly.

- **Target Indication:** When a metal object is detected, the detector will emit an audible tone, and the LCD display will show a Target ID Cursor and potentially a Coin Depth Cursor.
- **Pinpointing:** Once a target is indicated, narrow down its location by sweeping the coil in a smaller 'X' pattern over the area. The strongest signal indicates the center of the target.
- **Digging:** Use the multi-functional shovel to carefully excavate the target.

**Note: The GoGonova metal detector is more suitable for outdoor use. Indoor environments often have too many interferences that can cause inaccurate readings.**

## 8.1. Using the Waterproof Search Coil

The 8-inch search coil is IP68 waterproof, allowing for detection in shallow water, such as beaches or creeks. Ensure the control box remains dry as it is not waterproof.

**8 Inches Wide IP68 Waterproof Search Coil**

Note: The Control Box Is Not Waterproof

Metal Detector More Suitable For Outdoor Use

Image 8.2: The IP68 waterproof search coil can be submerged for detection in shallow water.

## 9. MAINTENANCE

- **Cleaning:** Wipe down the detector with a damp cloth after each use. Do not use abrasive cleaners or solvents.
- **Storage:** Store the detector in a dry, cool place when not in use. Remove batteries if storing for extended periods to prevent leakage.
- **Battery Replacement:** Replace batteries when the Battery Cursor on the LCD indicates low power. Always use fresh 9V batteries.
- **Coil Care:** Avoid striking the search coil against hard surfaces. While waterproof, excessive force can cause damage.

## 10. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|---------|----------------|----------|
|         |                |          |

| Problem | Possible Cause | Solution |
|---|---|---|
| Detector does not power on. | Low or dead batteries; incorrect battery installation. | Replace batteries with fresh 9V batteries; ensure correct polarity. Press and hold power button for 1-2 seconds. |
| False signals or erratic behavior. | High sensitivity setting; electromagnetic interference; mineralized ground. | Reduce sensitivity; move away from power lines or electronic devices; try detecting in a different area. |
| No detection or weak signals. | Low sensitivity setting; search coil not parallel to ground; target too deep. | Increase sensitivity; ensure proper sweeping technique; target may be beyond detection depth. |
| LCD screen is blurry or scratched. | Protective film still on screen. | Gently peel off the screen protector. |

# 11. SPECIFICATIONS

- **Brand:** GoGonova
- **Model:** GT33002-US-1
- **Color:** Orange
- **Power Source:** Battery Powered (2 x 9V batteries required)
- **Material:** Metal
- **Product Dimensions (Extended):** 51.3"L x 39.3"W x 51.3"H
- **Adjustable Length:** Yes, from 39.3 inches to 51.3 inches
- **Search Coil Size:** 8 inches
- **International Protection Rating:** IP68 (Search Coil only)
- **Operating Frequency:** 7.69 KHz
- **Item Weight:** 4.97 pounds

# 12. WARRANTY AND SUPPORT

GoGonova is committed to providing quality products and customer satisfaction.
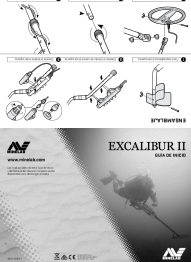
- **12-Months Unconditional Replacement:** Your product is covered by a 12-month unconditional replacement policy from the date of purchase.
- **Lifetime Coverage:** We offer lifetime service and technical support for your GoGonova Metal Detector.
- **Live Customer Support:** For any questions, issues, or technical assistance, please contact our customer support team.

**Contact Information:**
Phone: +1(888)828-5049
Operating Hours: Monday - Friday, 9 AM - 5 PM PST

## Related Documents - GT33002-US-1

| | |
|---|---|
| GoGonova ELECTRIC SPRAY GUN Read user's manual carefully before operating! Model GT26001196 | **[GoGonova Electric Spray Gun User Manual](#)** This user manual provides comprehensive instructions for the GoGonova GT26001196 electric spray gun. It covers essential safety guidelines, operation procedures, maintenance tips, troubleshooting common issues, and technical specifications for optimal use. |
| GoGonova CORDLESS STAPLE NAIL GUN Original Instruction Model: GT28001141/46 | **[GoGonova Cordless Staple Nail Gun - Model GT28001141/46 - Original Instruction Manual](#)** This document provides original instructions for the GoGonova Cordless Staple Nail Gun, Model GT28001141/46. It includes product description, safety warnings, setup, operation, maintenance, troubleshooting, and warranty information. |
| EXCALIBUR II GUÍA DE INICIO | **[Minelab Excalibur II Metal Detector Getting Started Guide](#)** Quick start guide for the Minelab Excalibur II metal detector, covering assembly, quick start modes (Discriminate, Pinpoint/All Metals), controls, and battery information. |
| X-TERRA PRO GUIDE DE PRISE EN MAIN | **[Minelab X-TERRA PRO Metal Detector: Quick Start Guide & Features](#)** Quick start guide for the Minelab X-TERRA PRO metal detector. Learn about its features, assembly, recharge process, and how to use the different search modes (Park, Field, Beach) and controls for effective metal detecting. |
| MANTICORE | **[Minelab Manticore Metal Detector Quick Start Guide](#)** Get started quickly with the Minelab Manticore metal detector. Learn about search modes, assembly, charging, and controls for efficient metal detecting. |
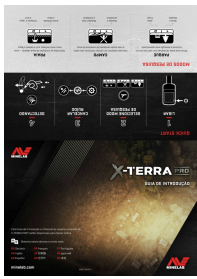
[Minelab X-TERRA PRO Metal Detector Quick Start Guide](#)
Concise introduction and quick start guide for the Minelab X-TERRA PRO metal detector, covering search modes, assembly, charging, controls, and display features. Download the full manual online.