



# UIG GOLD DIGGER

Manual





# USER MANUAL

## ENGLISH





# Contents

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<b>1</b>	<b>Critical Warning.....</b>	<b>6</b>
<b>2</b>	<b>Overview .....</b>	<b>7</b>
<b>3</b>	<b>Features and Specifications .....</b>	<b>8</b>
<b>4</b>	<b>User Interface .....</b>	<b>10</b>

18 .....	<b>Assembly</b>	<b>5</b>
19 .....	<b>Operation Steps</b>	<b>6</b>
22 .....	<b>Using Warnings</b>	<b>7</b>
23 .....	<b>Parts and Accessories</b>	<b>8</b>



## Critical Warning

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- Ensure all necessary precautions are taken to avoid risks.
- Refrain from using your device during rainy conditions.
- Operate the device only after confirming all components are properly in place and connected.
- Verify the device battery is fully charged before starting searching.
- When the battery level drops below 10%, the indicator on the main unit will flash several times in green, please shut down the device, and recharge the battery.
- The device will automatically power off when the battery is nearly depleted. It is recommended to thoroughly review the user manual before utilizing the device to gain a comprehensive understanding and prevent errors during operation.
- Avoid energy sources, phone networks, metals, mobile phones, and electronic devices.
- You should only use the original charger that comes with the device.
- The device's main unit is covered by a two (2) year warranty against all electronic malfunctions.
- This warranty does not cover user-induced damages such as falls, unit openings, impacts, or misuse.
- The warranty excludes the battery, charger, and other accessories.
- Strict adherence to the instructions in this user manual is necessary to reduce faults and ensure proper device use.
- Incorrect usage or exposure to excessive noise may compromise the device's capacity to confirm targets accurately.

Best of luck with your endeavors!

## Overview

### Dear customer, “Thank you for choosing UIG GOLD DIGGER”

- The UIG GOLD DIGGER device operates with seven search systems for detecting buried gold, raw gold, gold veins, hidden treasures, precious metals, gold, bronze, and silver coins underground.
- The device operates with a highly accurate, advanced automatic (VLF) system, distinguishing between precious and non-precious metals.
- It features an automatic operating system unaffected by soil types: wet, mineral-rich, or mineralized rocks (basalt rocks). It can bypass all types of mineralized rocks with advanced calibration technology.
- It supports multiple languages:  
German - English - French - Arabic - Portuguese - Spanish.
- It can easily discriminate between valuable and non-valuable metals at an exceptional speed.
- The device depth is up to 4 meters under the ground.





## Features and Specifications

The UIG GOLD DIGGER is the best and most accurate device for detecting buried gold, raw gold, precious metals, and coins underground. It is multi-functional and highly efficient in all natural conditions and terrains.



- The UIG GOLD DIGGER features an automatic operating system that is not affected by soil types, whether humid, rich in mineral salts, or metallic rocks (basaltic rocks).
- It can surpass all types of metallic rocks using advanced calibration technology, including sedimentary, metamorphic, and igneous rocks, such as Granite and Basalt; These are among the most challenging types of rocks that hinder the functioning of many devices in the market, due to rocks' abrupt changes caused by chemical reactions with the ground, transforming them into rocky textures with mineral components.





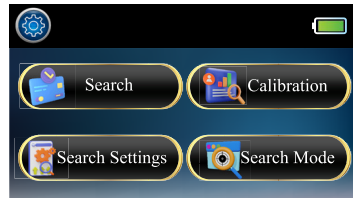
-The UIG GOLD DIGGER has proven its high efficiency through intensive practical experiments and numerous field tests worldwide.

-The UIG GOLD DIGGER has several advanced features that will transform beginners into professionals in prospecting, yielding satisfying results.



-The device is supported by a high-resolution colored touch screen, offering numerous advanced search systems and options.

- It enables quick and highly accurate identification and detection of the target.



- A comprehensive audio settings control system.
- A water-resistant search coil.
- It is equipped with seven different and advanced search systems.
- The device can reach depths of up to 4 meters or more for buried ancient targets underground.





# User Interface



**1- Power Button:** Turn it on by pressing the ON/OFF button for two seconds

**2- Battery Indicator:** It will flash several times in green when the battery is almost empty.

**3- Settings Icon:** includes language setting icon, volume icon, time icon, screen setting icon, device information icon.

**4- Battery Icon:** To show the battery level

**5- Search:** The search screen contains several options: Sensitivity - Search Mode - Metal ID - Metal Discrimination Icons - Depth - Pointer Target Center Icon

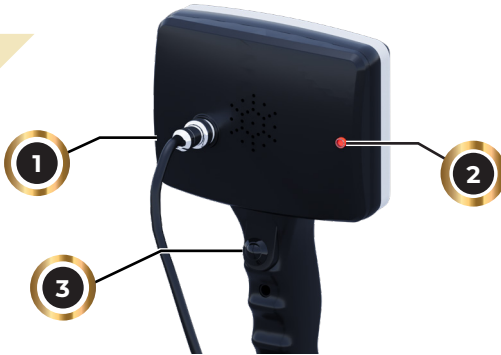
**6- Calibration:** Contains the setting to calibrate the device with the ground.

**7- Search Settings:** The search settings screen includes many options:

**8- Search Modes:** It contains 6 search modes to detect targets: (General Search - Small Targets - High depth - Mineral soil - Smart Scan - custom).

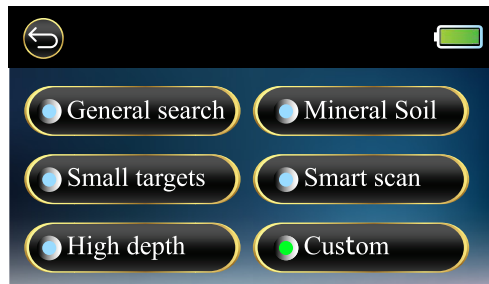
If you choose any of these search modes:

The device will automatically adjust search settings to align with the selected search mode.



- 1- Coil socket:** To connect the coil cable to the device
- 2- Headset socket:** To connect the headset to the device.
- 3- Calibration button:** physical calibration button

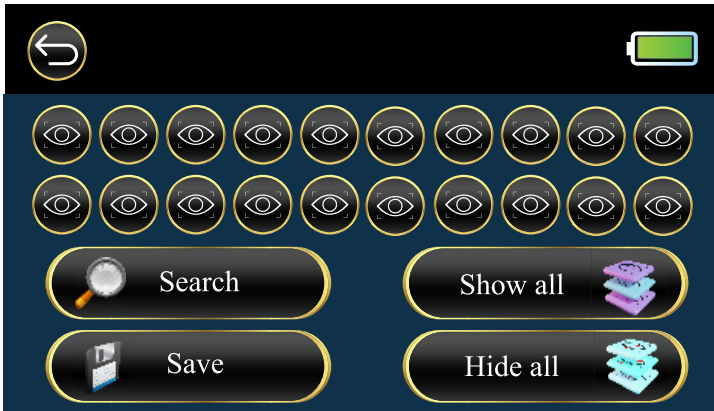
## Search Modes



- 1- General Search System:** This system excels in the capacity to search for all types of targets, whether large or small in size.
- 2- Small Targets Search System:** This system specializes in detecting small-sized targets, such as raw gold, gold veins, small gold particles, and metal coins.
- 3- High-depth Search System:** This system is designed to uncover large-sized targets, such as buried treasures, at significant depths.
- 4- Mineral Soil Search System:** This system is distinguished by its capacity to detect targets within high-noise environments and in the toughest types of soil rich in impurities and mineral salts.
- 5- Smart Scan System:** This system possesses the unique feature of combining two advantages simultaneously. It can reach great depths without losing the capacity to capture small-sized targets.
- 6- Custom Search System:** This system stands out for its capacity to store frequencies for more than twenty types of metals, allowing the user to choose the specific metal they want to search for or ignore.



## Custom Mode



It can also search for multiple metals or ignore several metals simultaneously.

**When selecting the custom search mode, the device will navigate to a screen containing several icons:**

**Saving Icons:** There are 20 icons, and each icon identifies a type of metal.



**Show All button:** Activates all Saving icons.

**Hide All button:** Deactivates all Saving icons.

**Search button:** Directly navigate to the search screen.

**Save button:** This button is used to save a metal or multiple metals that have been configured within the Saving icons.

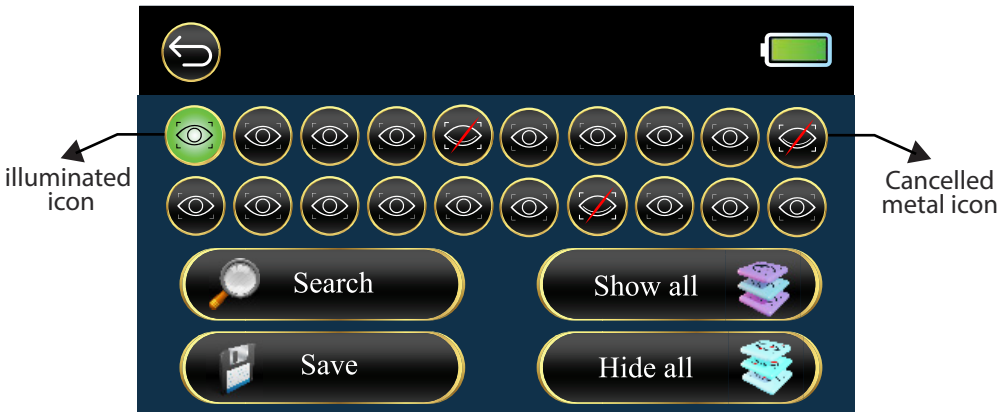
### Operating steps for Custom Search Mode:

1- Pass the metal to be searched for or cancel the search for in front of the search coil.

The Saving icon representing the type of metal will light up in green, accompanied by a sound from the device.

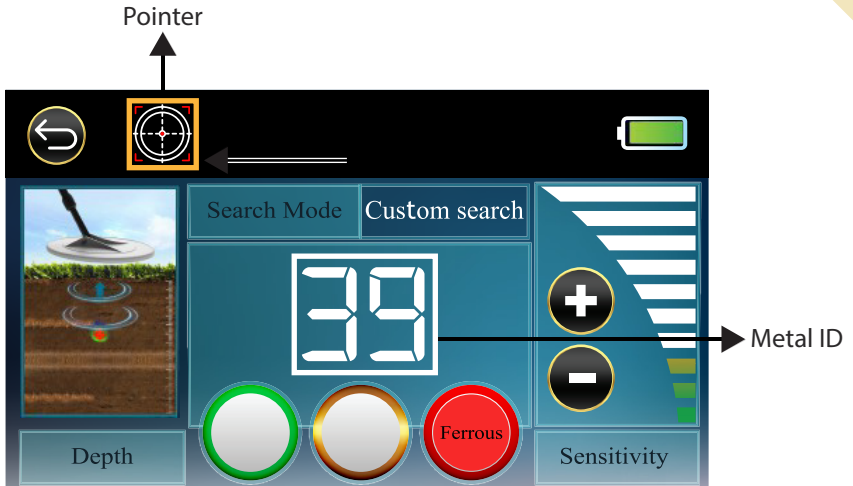
2- Press the **illuminated icon** once if you would like to search for this metal.

If you would like to **cancel** the search for this metal, press the same icon **twice** consecutively.





## Search Mode



- Enter to the search screen which contains several options:

**Sensitivity:** Adjust the device's sensitivity level by pressing the sensitivity adjustment icons. (This allows for lowering or raising the device's sensitivity).

**Search Mode:** Displays the pre-selected search mode.

**Metal ID:** Represents the identification number of the detected metal. (The number changes with the type of metal).

**Depth:** A moving signal indicating the target's depth, confirming the extent of its distance or proximity to the surface of the ground.

### Metal Discrimination Icons:

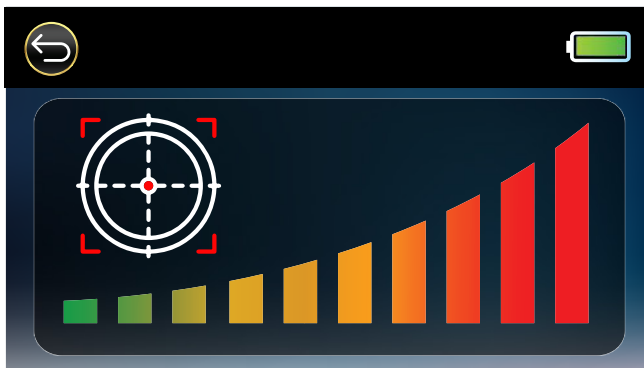
	<b>Green</b>	Indicates the presence of precious metals.
	<b>Yellow</b>	Indicates a high possibility of gold presence, accompanied by an alert message indicating the possibility of gold.
	<b>Red</b>	Indicates the presence of non-precious metals.

**7- Target Location System (Pointer):** This system specializes in accurately pinpointing the target's center and reaching significant depths, facilitating the excavation process for the prospector.

-When you press the Pointer icon, the device will switch to the target-centering mode.

- Pass the search coil over the target, and when the target centering starts, the device will emit a gradually rising sound with the appearance of an indicator on the screen that also gradually fills.

- The target center is confirmed at the highest sound level and the highest level at which the indicator is filled.

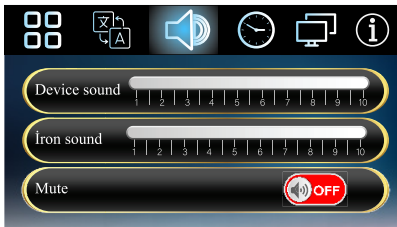




## Settings Screens



**language icon:** This icon includes the device operating languages, which are: German - English - French - Arabic - Portuguese - Spanish.



**Volume Icon:**  
Controls the device's sound.  
Adjust the volume of the iron sound.  
Mutes and unmutes the device.



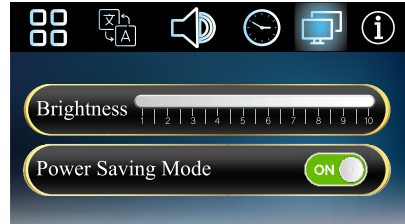
**Time Icon:**  
Adjust the time settings within the device.



### Screen Settings Icon:

It contains settings for adjusting the screen brightness.

Enables or disables power-saving mode on the screen to reduce battery consumption by lowering screen brightness.

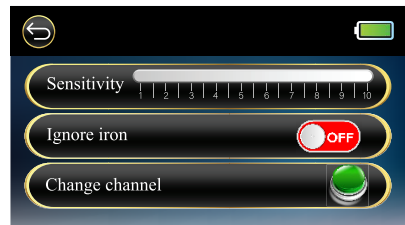


### Device Information Icon.



**Search Settings:** The search settings screen includes many options:

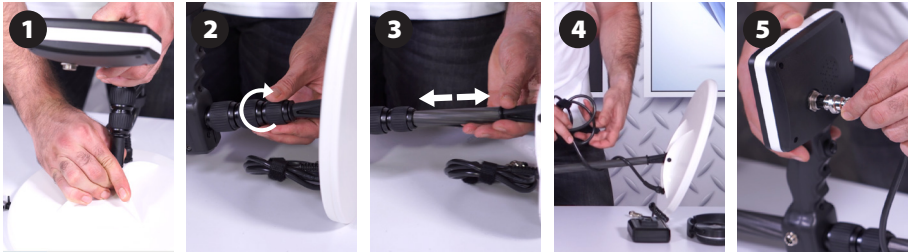
- 1. Sensitivity Level Indicator:** Adjust the sensitivity level of the search
- 2. Ignore Iron Button:** The ignore iron feature causes the device to disregard iron metal during the search.
- 3. Channel Change Button:** This unique feature allows you to change the search channel in case of interference from multiple UIG GOLD DIGGER devices in the same search area





## Assembly

Install the search coil and extend the arm, then wind the cable along the arm and connect it to its designated place.



Install the plastic screw that connects the lower panel of the search coil, then tighten it sufficiently to stabilize the plate in place.



Attach the battery to the armrest base and connect it to the designated slot on the arm.



Hold the device horizontally, turn it on by pressing the ON/OFF button for two seconds, and then carry the device in search mode.

# Operation Steps

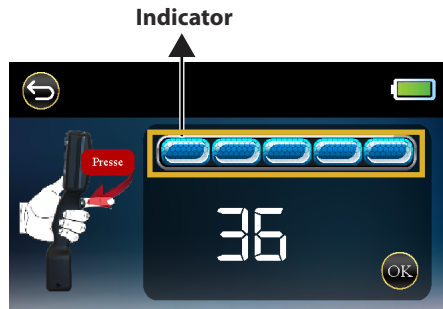
1-After pressing the ON/OFF button, the device will start operating, emitting a sound along with the company logo and device name appearing on the screen.



2- Launch the calibration mode, then start pressing the calibration button located under the device handle.



3- Lift and lower the coil several times until the indicator on the screen is filled, accompanied by a sound indicating the completion of the calibration process.  
4- Press the (OK) icon to go directly to the search screen or press the back button to return to the home page.



In the presence of high interference resulting from soil rich in mineral salts in the search area, it is recommended to calibrate the device with the soil.



## How to carry the device:

Pass your arm through the armrest and strap.

Hold the detector handle and rest your forearm on the armrest, The correct position for the armrest should allow you to comfortably grip the handle.



The elbow joint should be above the back part of the armrest.

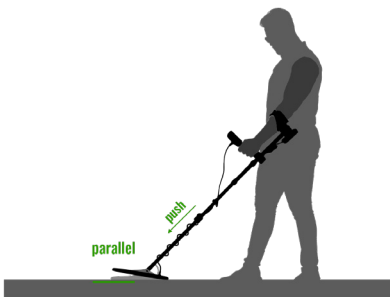
You should feel the detector as an extension of your arm.



## Adjustment of the search coil angle:

While carrying the detector, gently press the search coil to the ground until it is parallel to the ground surface.

Lift the search coil at 2 to 4 cm above the ground while keeping it parallel to the ground surface.



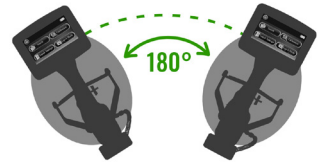
## How to scan?

Improper scanning may result in the loss of the target or the generation of incorrect signals.

Optimal performance is achieved when scanning the search area closely and parallel to the ground at all times, this will increase detection depth and enhance responsiveness to small objects.

Avoid excessive contact between the detector's coil and the ground.

Initiate the search process by moving the device right and left, covering a distance of at least half a meter.





## **Using Warnings**

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Don't keep the coil close to your body while searching.

Don't wear any metals on your hands.

Don't put any type of metal in your pocket for example, (coins, keys), or mobile phone.

Avoid excessive contact with the ground or rocks.

## Parts and Accessories



**Searchcoil DD13**



**Hex Key**



**Battery**



**Car Charger**



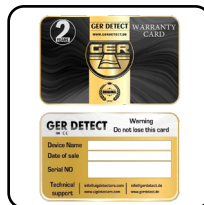
**Charger**



**Headset**




**Carrying Bag**




**Warranty Card**



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