Overview

➢ Dear customer, thank you for choosing the TITAN GER – 500
➢ This device enables you to detect underground diamond & gemstones
➢ TITAN GER – 500 designed to reach 65 meters under the ground and 3000 meters front range
➢ Works by long range system to confirm your target and identify the target underground and its depth

Critical Warning

Please be sure that all precautions taken against risks
Do not use your device while it is raining or on extremely wet floor
Turn on your device after you make sure that all parts are in place
Make sure that the device battery is fully charged before searching
If the battery start to give a peep sound, close the device and recharge the battery
Do not start the pulse induction system without connecting the coil cable to the device, other ways the device will stop in the middle of opening
It is recommended to read the user manual before start working on the device to understand everything and to avoid mistakes doing the search
After the device start make sound and turn off automatically put the battery on charge and do not try to start the device without charging the battery

Be aware of high voltage resources, and do not use any charger other than the original charger that come with the device
Main unit of the device is under warranty against all electronic breakdowns for two (2) years
Any damages caused by user errors (laying open the main unit, hits, harms etc.) are not within this warranty
Battery and antenna are also not within this warranty
You should follow the instructions in this user manual strictly to minimize the faults and to use your device correctly

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The Long Range System

This system specializes to cover vast areas and locate the target with in 1-meter Square up to depths of 65 meters below the surface of the ground and Front Range up to 3,000 square meters.

The long-range system parts

Figure (1) the long-range system components

Figure (1) The handle

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Connect the signal boosting sensor

Figure (2): boosting sensor

Connect the transmitter antennas

Figure (3): Transmitter antennas

Connect the Signal Recipient

Figure (4): Signal Recipient
Connect the Recipient Antenna

- Connect the battery cable and
- Switch the device through ON / OFF button

Figure (4): Recipient Antenna

Figure (5): (ON / OFF) button
CLICK ON THE SCREEN OF THE DEVICE TO DISPLAY THE LANGUAGES LIST

THE DEVICE WORKS ON FOUR LANGUAGES:

(GERMAN - ENGLISH - FRENCH - SPANISH - ITALIAN - ARABIC)

Figure (6): languages list

Settings menu (Sound Adjustment – brightness adjustment, and the device information)
After selecting the language, you want to work in (English for example).

The target types menu will appear, choose the target type to be search for from a list of options through pressing on the type name, *BIG DIAMOND FOR EXAMPLE*.

You can flick through these lists with the NEXT button.

It’s got a list containing a wider range of gemstones, which are 18 different kinds.
Select the type of soil desired in the search area: (natural - clay - rocky - sandy - mixed - mineralized).
After selecting the Front Range, the digital compass will appear, Fix the device at a 90-degree angle for the compass to work properly, then Press the "Skip" button on the screen or the "OK" button on the keyboard.

Increase the length of the antennas receiving a signal
To able the device to detects targets even to 3000 meters
After pressing on skip button, the light signals will appear directly on the screen confirming that the device is sending and receiving signals that guide you directly towards the target.

When a signal is captured, the device will immediately turn around towards the target.

On the smart screen, there will appear the direction of the detected target alongside a beep at the location of the target.

Figure (11): Increasing the length of the antennas
After detecting the target, confirm the target from four directions

To determine the depth of the discovered target, stand above target and turn 45 degrees
Walk straight ahead until the antenna reverse to the back

Figure (14): determine the depth
Measure the distance between the antennas reversing back and the target center point.

The distance between the antennas reversing back and the center point is equal the target depth

For example, if the distance is 3 m the depth of the target is 3.
Warning

If you want the device work well without errors you have to follow next steps

When using the device please do not wear the watch

When using the device please do not wear the jewelry

When using the device please get away from metal, lighter and mobile phone

Please take off the belt

The shoes should not contain any metal

Stay away from the car

Stay away from electrical ground power lines or any surfacing electric

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