Gold And Metal Detector
Titan GER 1000

GERMAN INDUSTRY
WWW.GERDETECT.COM

TITAN GER - 1000

5 Systems in 1 Device

PULSE INDUCTION SYSTEM

MAGNETOMETER SYSTEM

LONG RANGE SYSTEM

IONIC SEARCH SYSTEM

3D IMAGING SYSTEM

⚠️
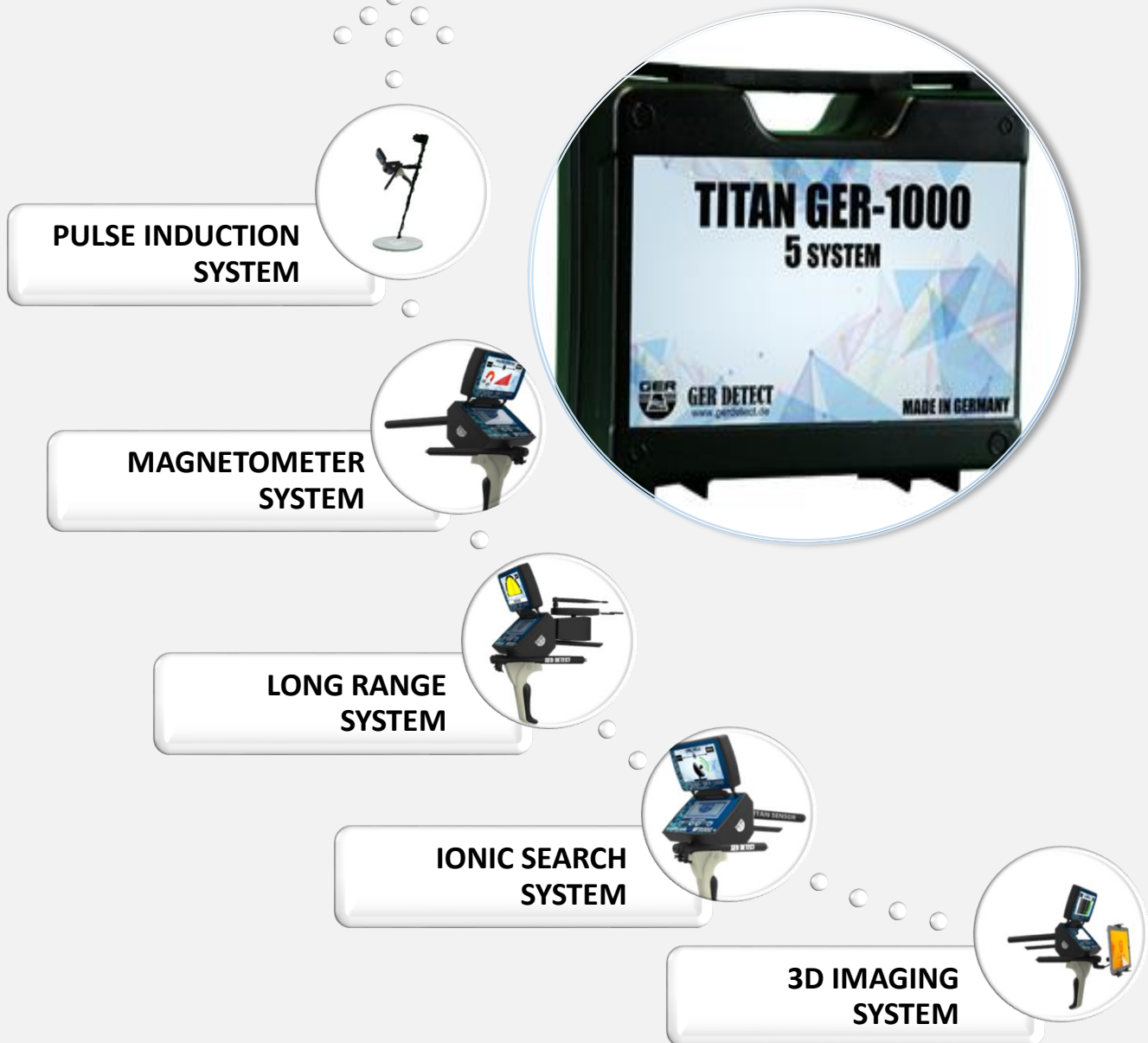
Critical Warning

• • •

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

Overview

Dear customer, thank you for choosing the TITAN GER – 1000 ➢
This device enables you to detect underground gold &Treasures ➢
TITAN GER – 1000 designed to reach 45 meters under the ground and 2500 meters front range ➢
In addition, it contain five systems to confirm your target ➢
and identify the target underground and its depth ➢

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
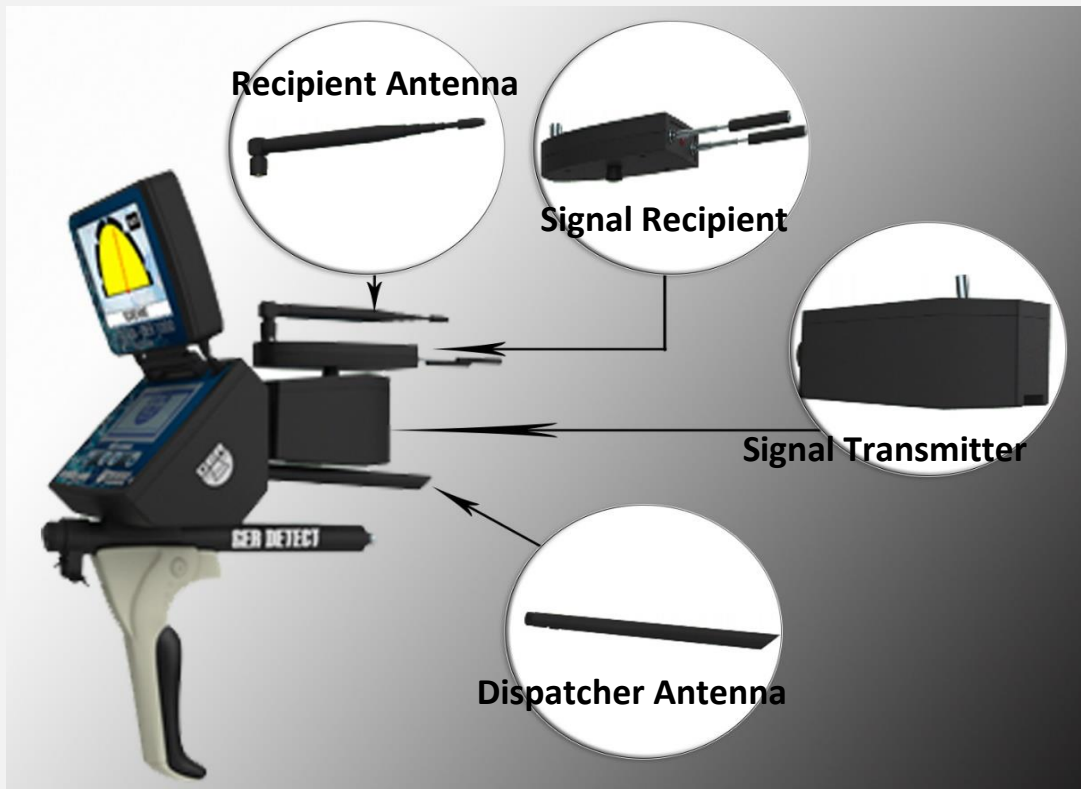
Any damages caused by user errors (laying open the main unit, hits, harms etc.) are not within this warranty

Battery , antenna and tablet 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

1 The Long Range System

Recipient Antenna

Signal Recipient

Signal Transmitter

Dispatcher Antenna

This system specializes to cover vast areas and locate the target with in 1 meter Square up to depths of 45 meters below the surface of the ground and Front Range up to 2,500 meters.

The long-range system parts

-1-

Connect the Dispatcher Antenna

Connect the Signal Transmitter	**-2-**
Connect the Signal Recipient	**-3-**
Connect the Recipient Antenna	**-4-**

- Connect the Battery to the Device

- Open the Device Screen and Start The

 Device Through

 ON / OFF switch

-5-

BATTERY ENTRANCE

ON - OFF SWITCH

CLICK ON THE SCREEN OF THE DEVICE TO DISPLAY THE LANGUAGES LIST

THE DEVICE WORKS ON FOUR LANGUAGES:

 (DUTCH-ENGLISH-FRENCH-ARABIC)

-6-

LANGUAGE ⚙

DEUTSCH

ENGLISH

FRANÇAIS

اللغة العربية

SETTINGS **BACK**

INFORMATION

INFORMATION **BACK**

GER

GERDETECT.DE

MADE IN GERMANY

TITAN GER - 1000

S.N : G001621
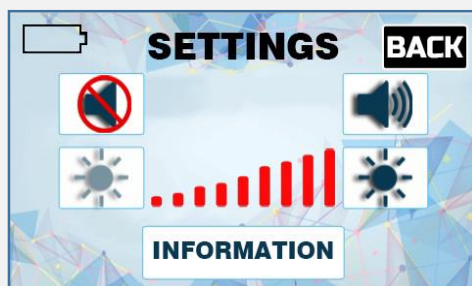
Press on setting icon to enter to setting screen

Press on information icon to enter to information

After selecting the language, you want to work in (English for example)

The search systems menu will appear (Select long-range search system)
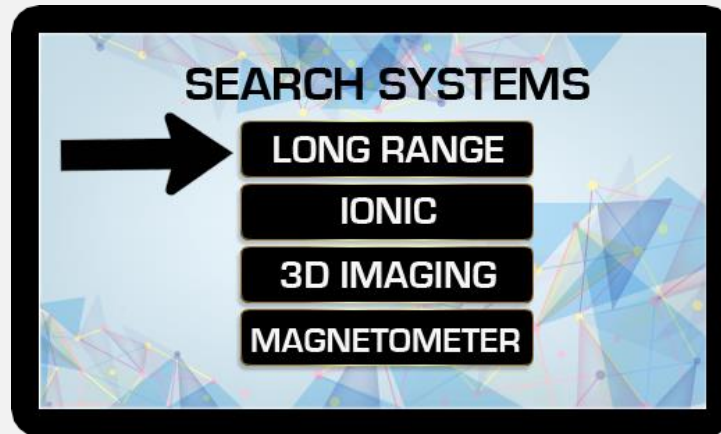
After selecting the long-range system, the metals that this system can detect will appear :

Choose the metal to be search for from a list of metals through pressure on the metal   name, (BURIED GOLD FOR EXAMPLE)
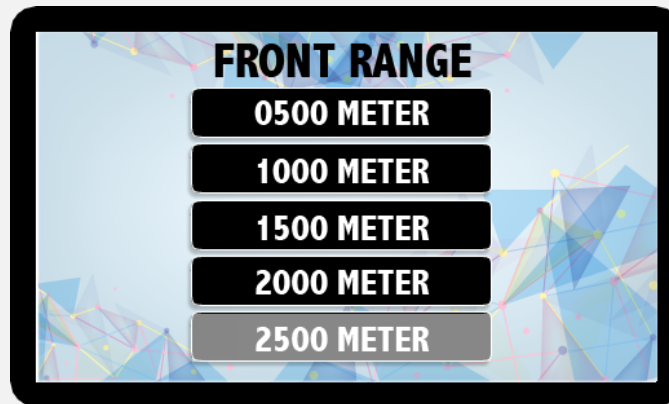

After selecting, the metal to be searched for, the Front Range Options will appear

Choose the Front Range according to the area you want to reach

You can select between (0500 M - 1000 M - 1500 M - 2000 M - 2500 M)

Choose 2500 M for example.

FRONT RANGE

- 0500 METER
- 1000 METER
- 1500 METER
- 2000 METER
- 2500 METER

After selecting the Front Range, the search screen will appear which contain an indicator, which will guide you directly to the target. Make sure that the antenna is pointing ahead

Adjust the antenna with the indicator on the screen to receive accurate signal

BACK

SEARCHING
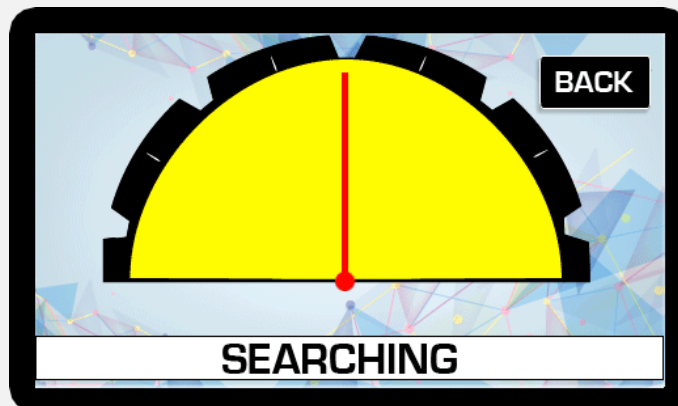
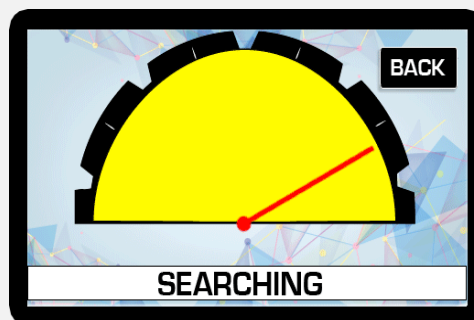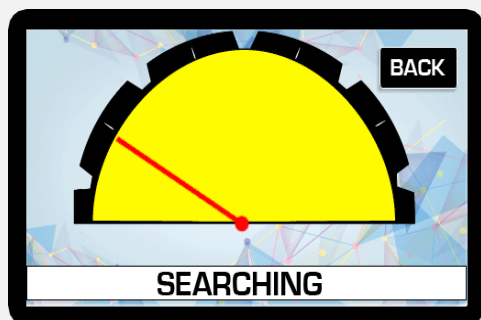Increase the length of the antennas receiving a signal

To able the device to detects targets even to 2500 meters
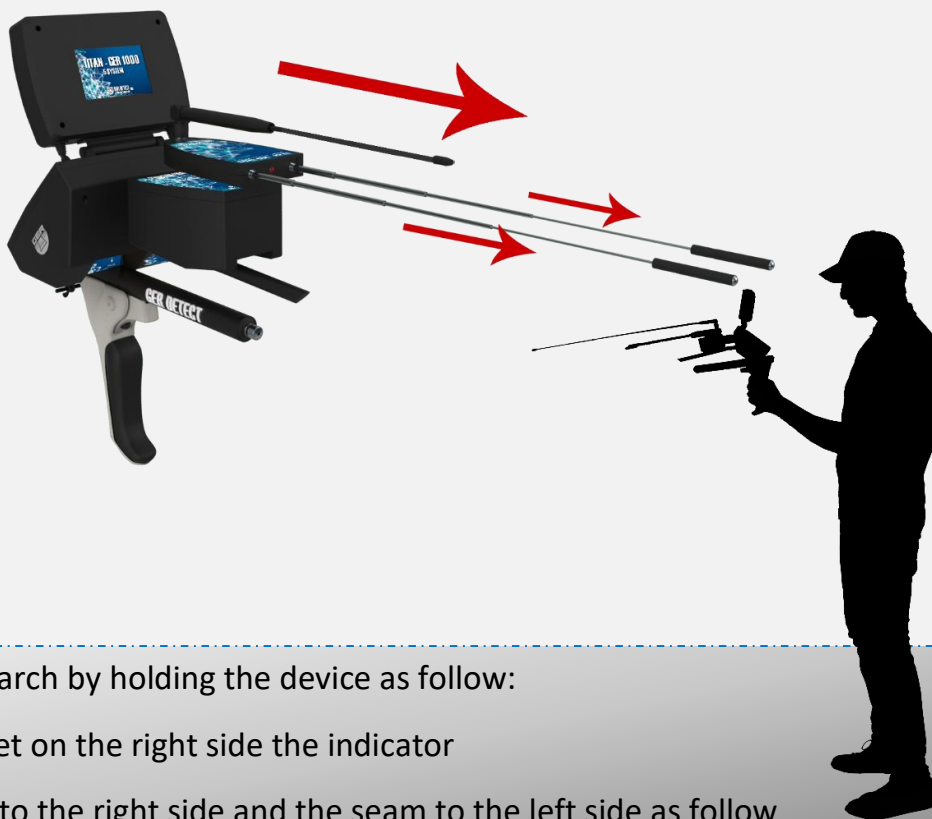
Star the search by holding the device as follow:

If the target on the right side the indicator

Will Point to the right side and the seam to the left side as follow

BACK	BACK
SEARCHING	SEARCHING

After detecting the target, confirm the target from four direction
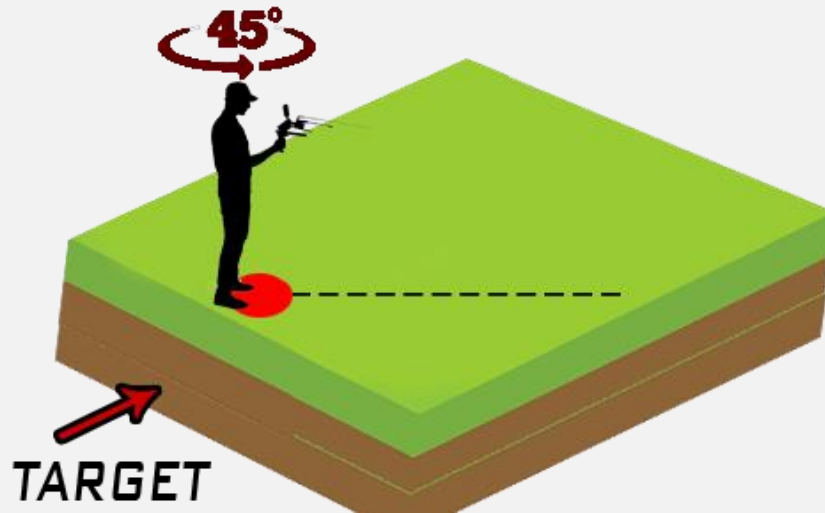
CONTINUE

North to South

South to North

East to West

West to East

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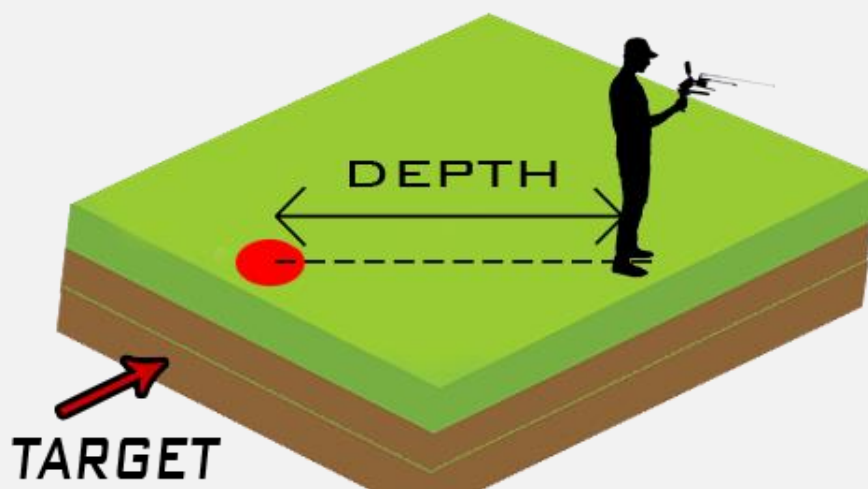
Walk straight ahead until the antenna reverse to the back

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 10 m the depth of the target is 10.

2 | The Ionic Search System

ionic sensor

Dispatcher Antenna

This system specializes to cover vast areas and locate the target with

In 1 meter Square up to a depths of 45 meters below the surface of

The ground and Front Range up to 2500 meters vertical

Connect component

Connect the Dispatcher Antenna

-1-

·2·

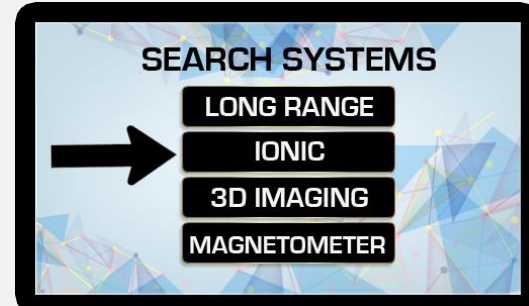Connect the Ionic Sensor

- Connect the Battery to the Device

    - Open the Device Screen and Start the Device through ON / OFF switch

·3·

ON · OFF SWITCH

Click on the screen of the device to display the languages list

the device works on four languages:

(DUTCH-ENGLISH-FRENCH-ARABIC)

After selecting the language, you want to work in (English for example)

The search systems menu will appear, Select IONIC search system

After selecting the ionic system you have to determine the direction from north / south
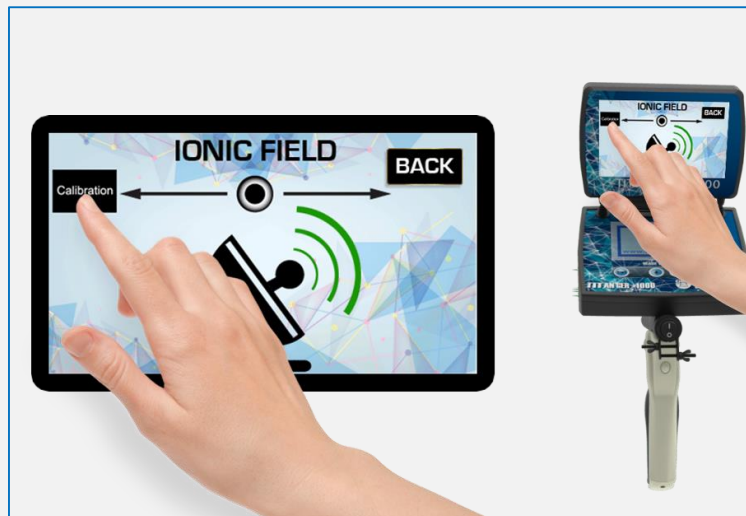

North to South

South to North

East to West

West to East

After selecting the ionic system, the search screen will appear.

Point the device to the ground if the device start to make a sound you must calibrate

The device with the ground by pressing on the calibration button as follow:

After you finish the calibration, start the search by moving the device

 180 degrees right and left.

When the device detect a target, it will start to make a sound.

In addition, the indicter will start to move to alert you about the target discovered.

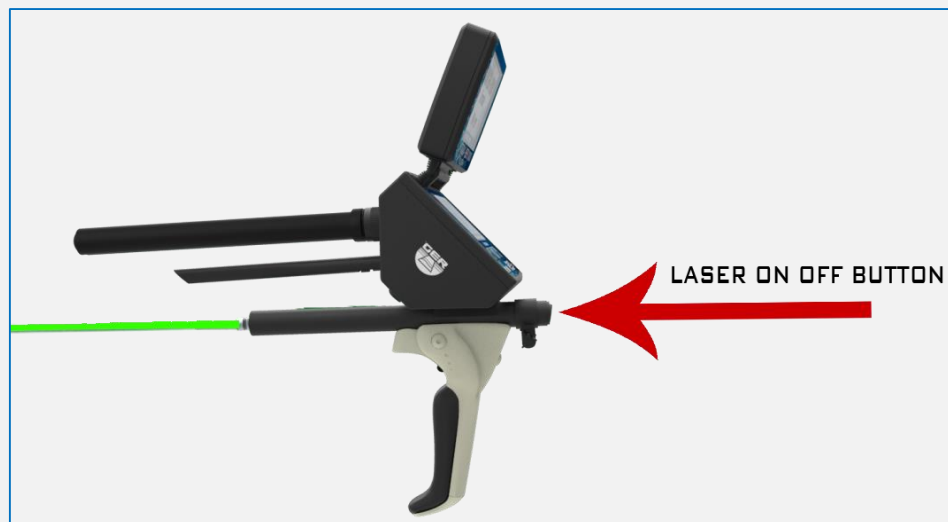The sound will start Accelerating when you will be close to the target.

YOU CAN ALSO USE THE IONIC SEARCH SYSTEM DURING THE DRIVING IN

 A MOVING VEHICLE... AS FOLLOW:

In the event of lack of vision, you can operate the laser to locate the target place.

Through the laser ON OFF, button

LASER ON OFF BUTTON

  Note:

When you use the Ionic Search System the researcher should avoid directing device northward never, because the device will make a sound (This is because the device in this case will be Reverse of magnetic fields, which is directing from north to south)

3   3D Imaging System

Tablet

3D Sensor

Tablet Holder

Dispatcher Antenna
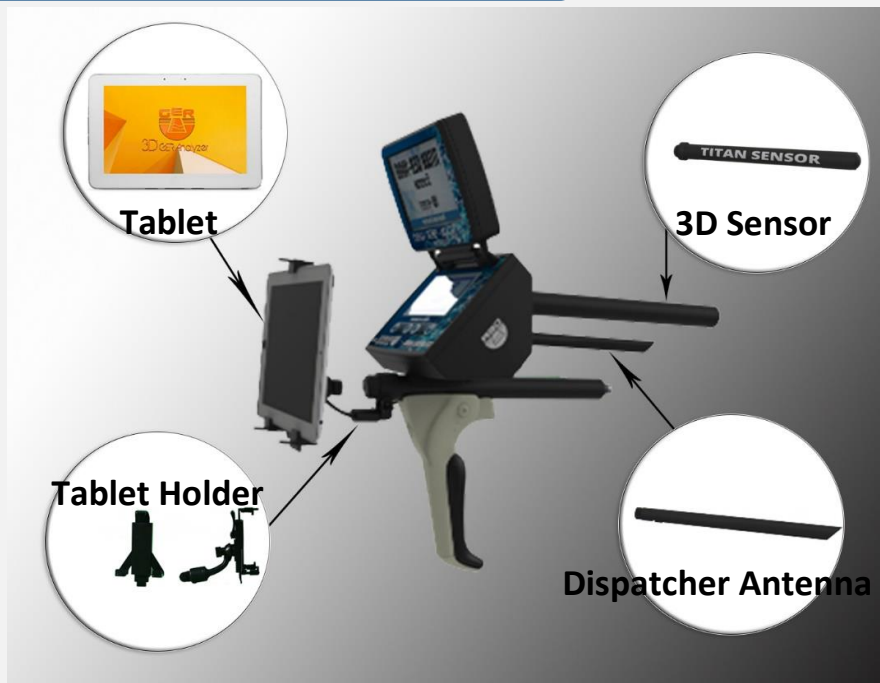
This system specializes to show you the area scanned on the tablet screen in three-dimensional photo and through which you can specify the target size, shape and depth of the target underground up to 45 meters.

Connect component

Connect the Dispatcher Antenna

-1-

·2·

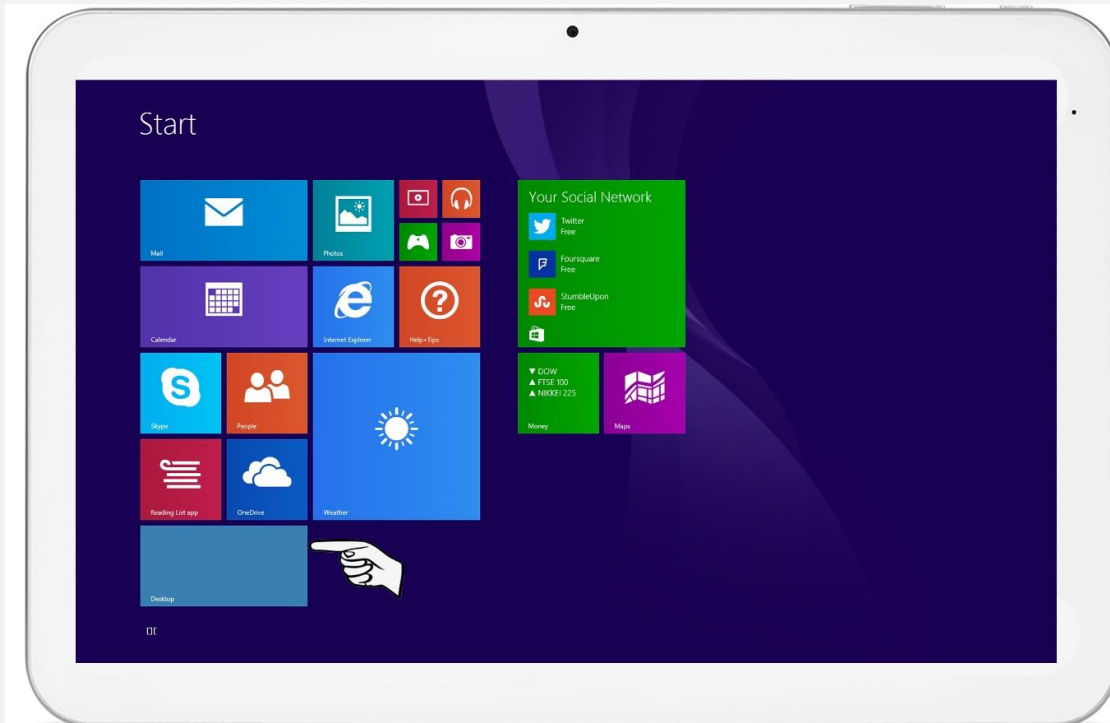Connect the 3D Imaging Sensor

·3·

Install the Tablet Holder To The Device

Fix the tablet that supplied with the device on the tablet holder which

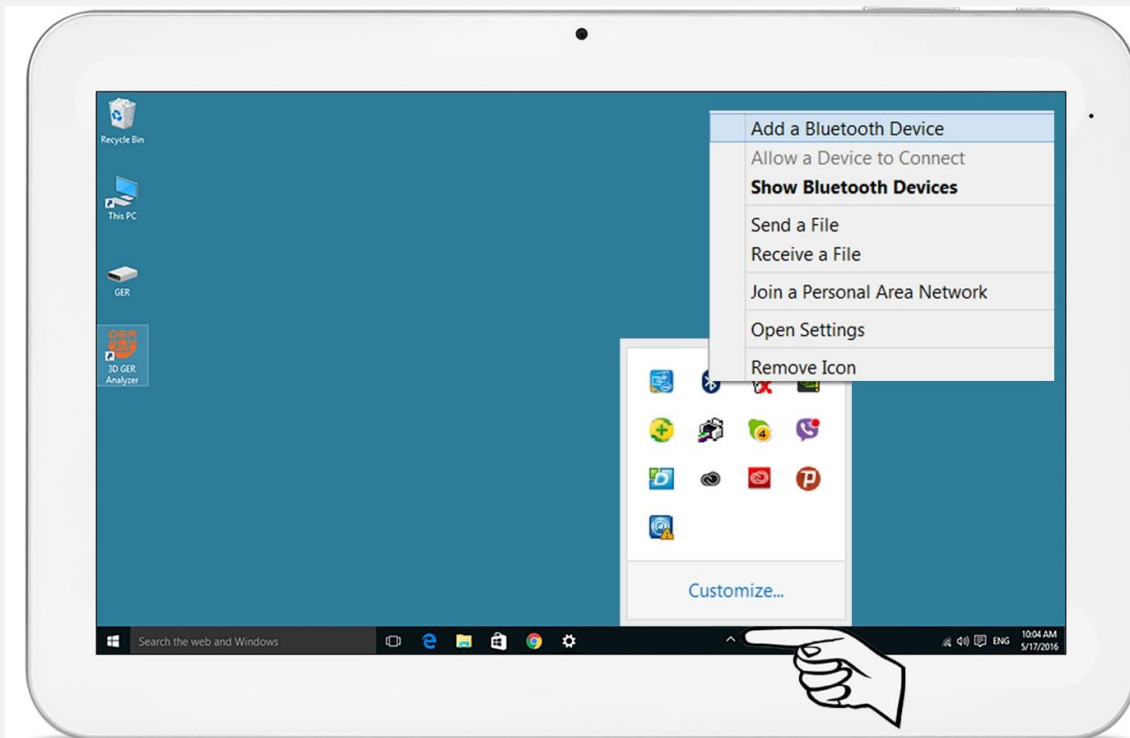Contains analysis program to display the photo

·4·

- Turning to the tablet to make a Bluetooth connection between the device and the analysis program.
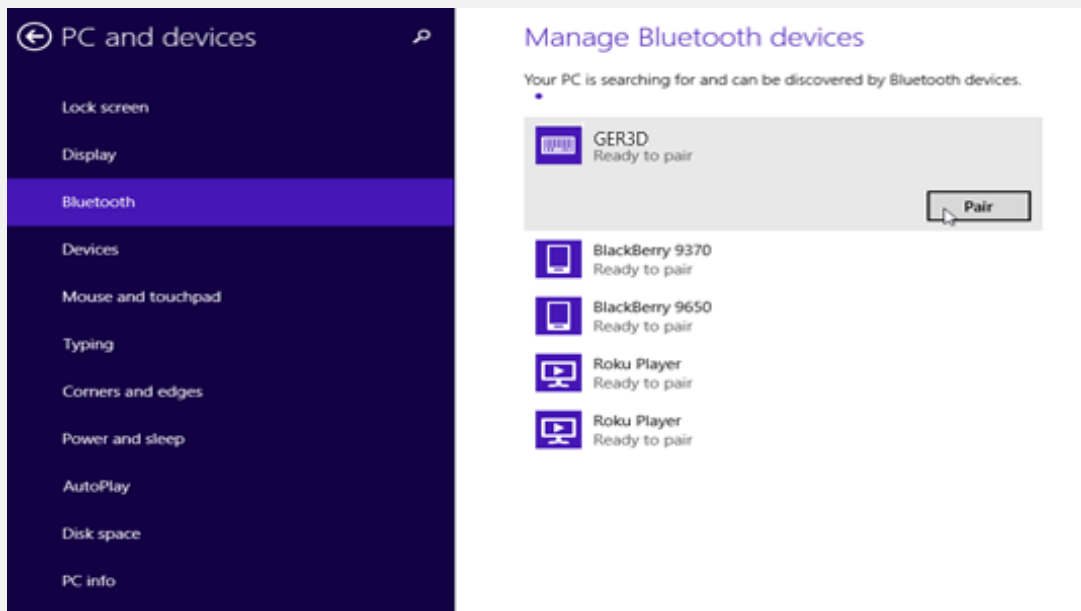- Click on the Desktop option

The desktop screen will appear.

1- Touch the arrow to revel the hidden icons.

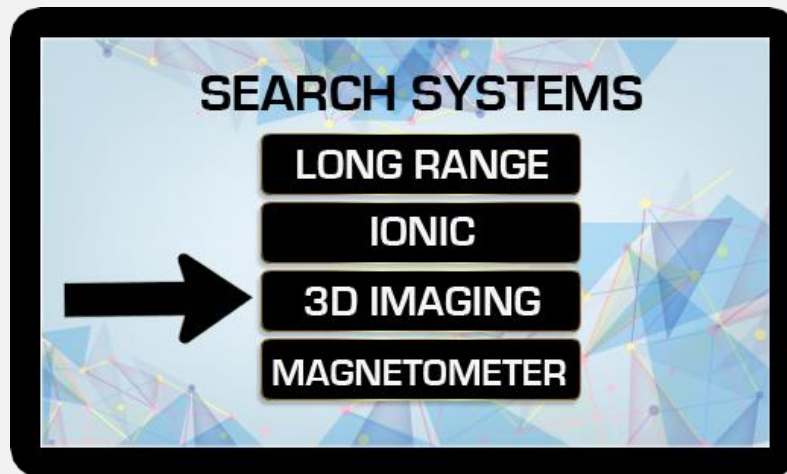2- Click on the Bluetooth icon.

3- Chose add a Bluetooth device

The tablet will start to search for any devices with Bluetooth in the area.
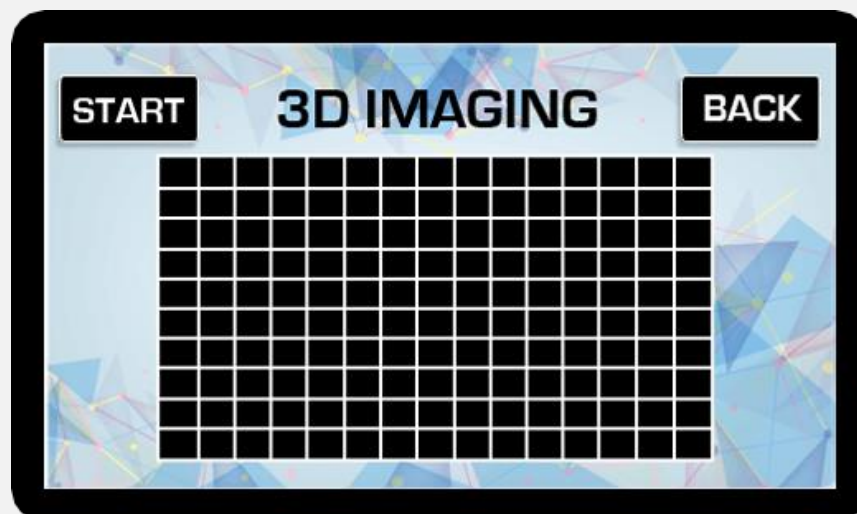
When the device Bluetooth appear click on pair.

NOTE: The Bluetooth password is   1000

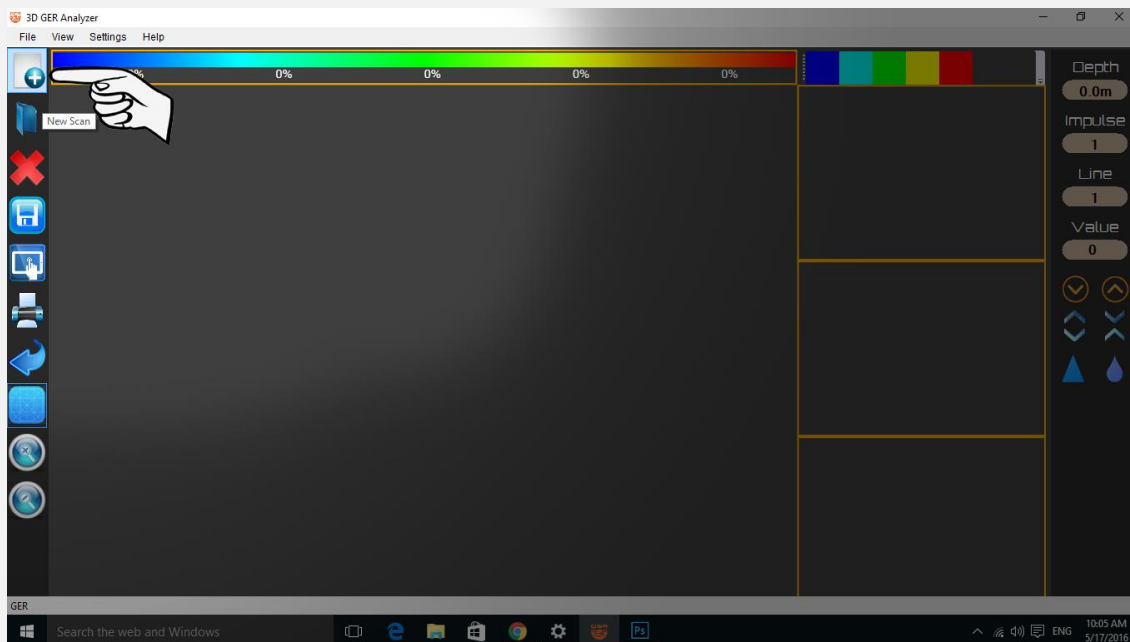Now select the **3D IMAGING** system from the systems menu in the device.

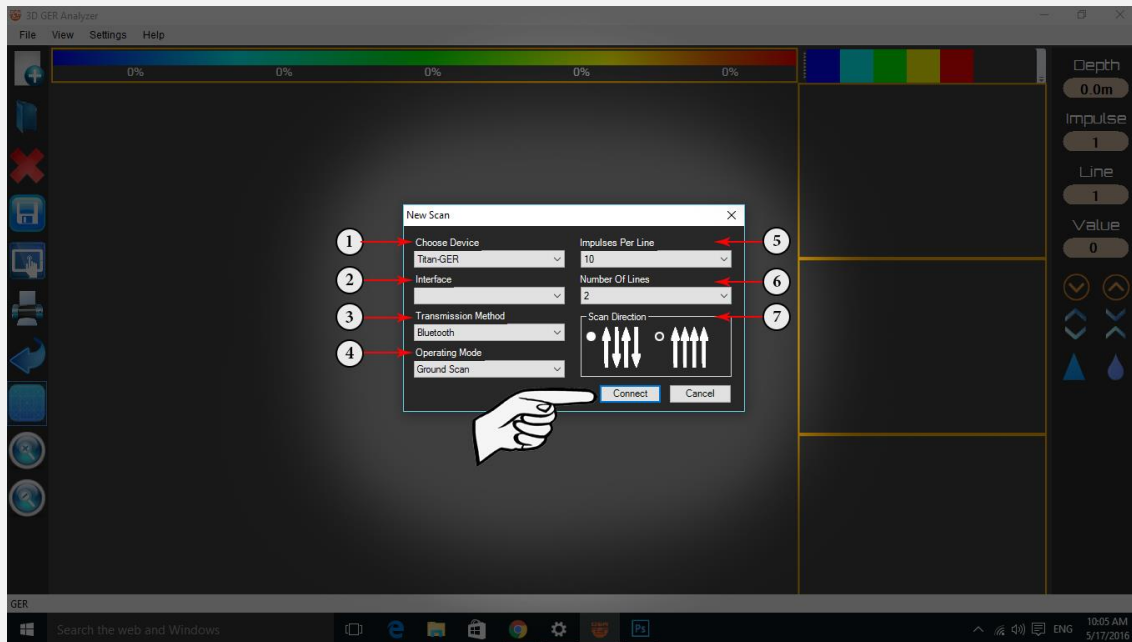After selecting the 3D imaging system, the search screen will appear.

Open the 3D GER Analyzer that installed on the tablet

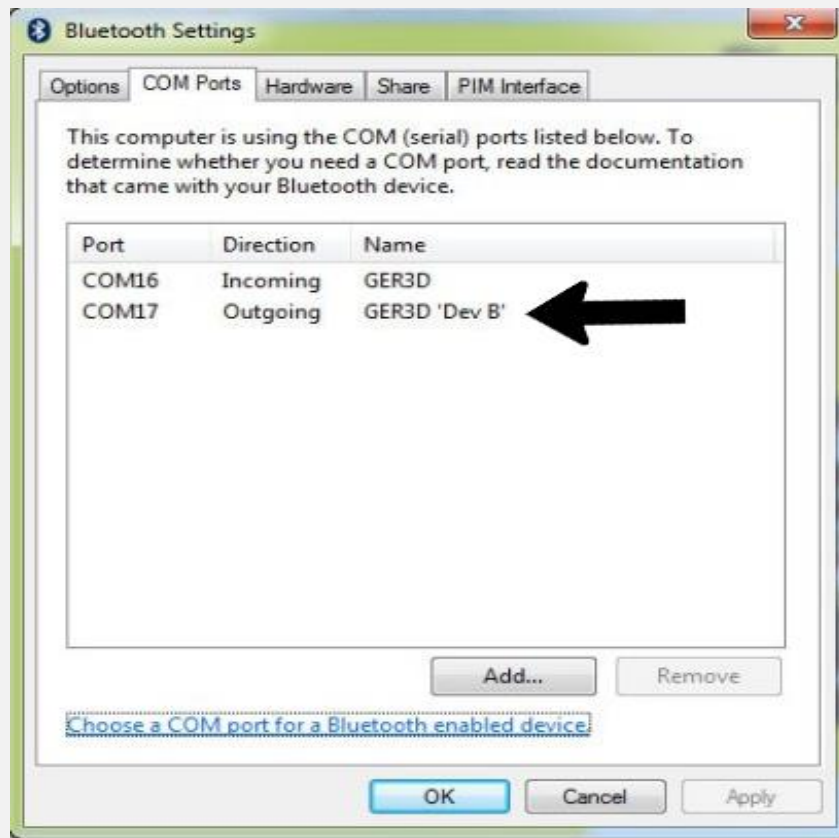Start a new project to scan the ground by clicking on new scan

The connection settings window will appear on the screen.

Enter the settings as follow

1– CHOSE DEVICE : **TITAN GER**

2– INTER FACE : OPEN THE BLUETOOTH SETTINGS AND ENTER THE

COM NUMBER (OUT GOING) FOR EXAMBLE **COM 17**

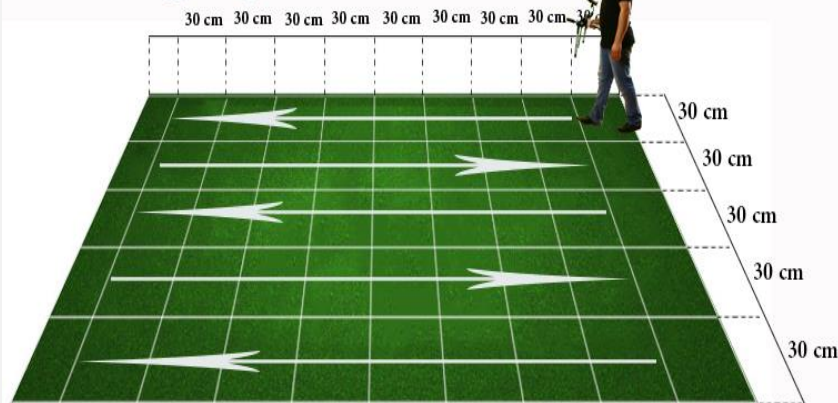3– TRANSMISSION METHOD : **BLUETOOTH**

4– OPERATING MODE : **GROUND SCAN**

5– IMPULSES PER LINE : **10 TO 50 (EACH IMPULSE = 30 CM)**

6– NUMBER OF LINES : **1 TO 15 (EACH IMPULSE = 30 CM)**

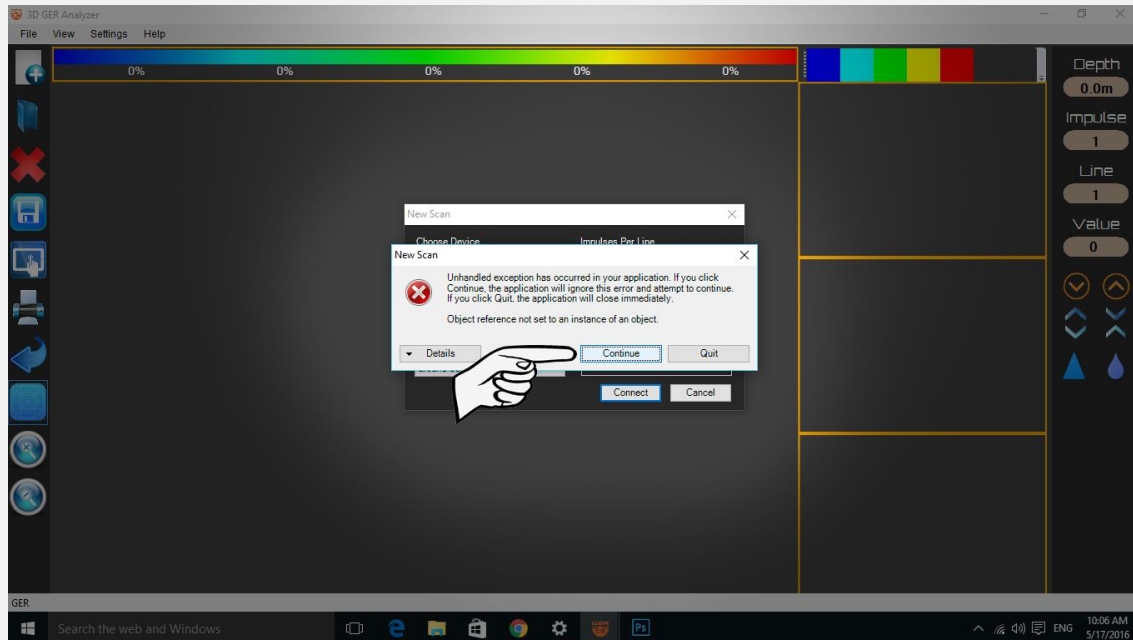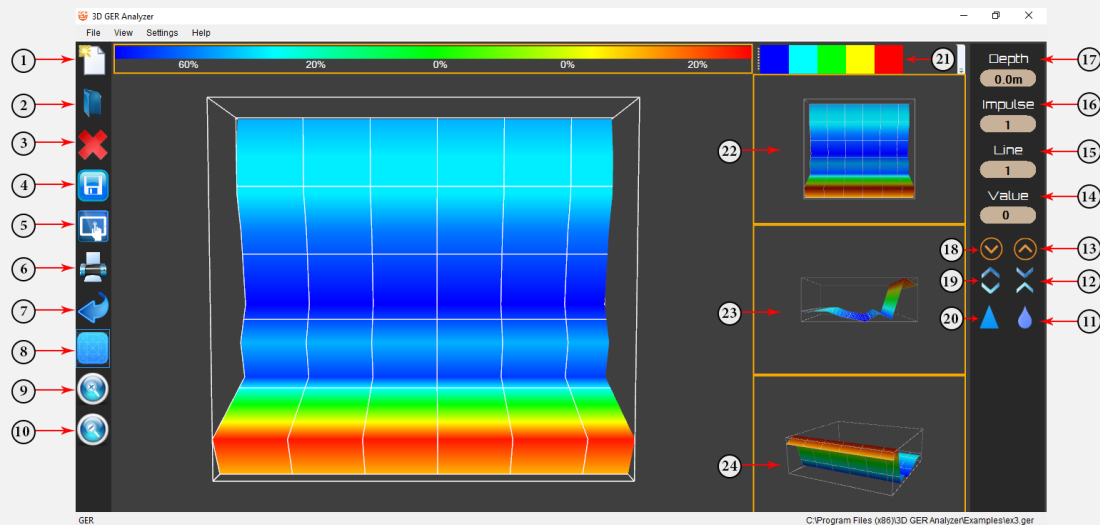7– SCAN DIRECTION : **OPTIONAL**

zigzag direction scan

After you enter the sittings, click on connect and shift to the device.

Therefore, the device will start taking pictures as follow:

START BUTTON

| NO	Explaining
1	Start new scan and disconnect after scanning finish
2	Open file from your tablet already existing in your tablet
3	Cancel the scanning or delete the photo
4	Save the photo as a .GER file to re-open it any time you want
5	Save as a photo with no option to change anything in the photo shape
6	Print report allowed you to see the where about of the metal and the other elements
7	To return the photo as it is was before you start analyzing
8	To hide and appear the grid which Represent the number of photo in the scan
9	zoom to make the picture bigger

10	Miniature to make the picture smaller
11	A Tool you use it in case of not clear target to see the correct shape (-)
12	A Tool you use it in case of not clear target to see the correct shape (+)
13	to make the target in high size
14	to make the target in low size
15	move between the grid squares to pin point the area that you want to know its depth
16	move between the grid squares to pin point the area that you want to know its depth
17	The value which will deferent between the metals and the cavity and the ground
18	when you pin point the target will allowed you to now in which line is your target exactly
19	when you pin point the target will allowed you to now in which line is your target exactly
20	Depth when you can see the target exact depth
21	This options allowed you to see the target in 2D & 3D shape and you can hide the soil for example or the metals and keep the cavity
22	Another way to see the target from down
23	Another way to see the target from the side
24	Another way to see the target from the angle
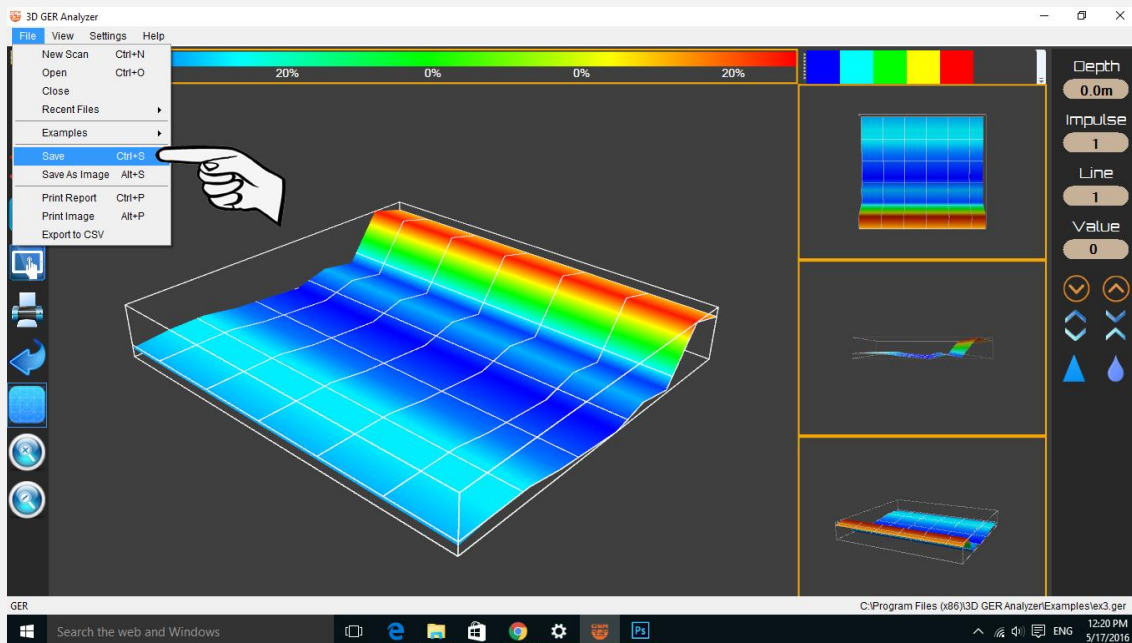
After you finish the scanning you can save the scan on the tablet as a project to be able to analyze again also you can save it as a photo

Note : Here is the color system

| Red	Metal	Green	Ground
Yellow	Minerals	Blue	Cavity
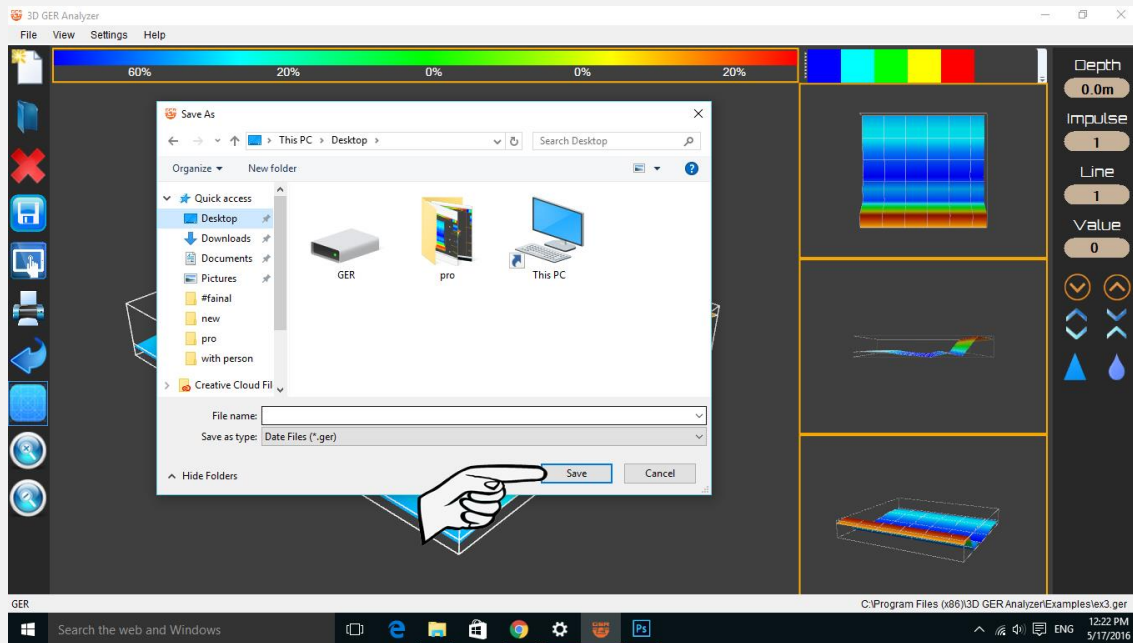
If you want to have printed report you can press on the print icon, the report will appear, and you can print it (the number in the report it is the value of the ground – metals – cavities)

Note : if the deference between tow picture (tow square) is big that mean good target and if is it small that is mean empty target
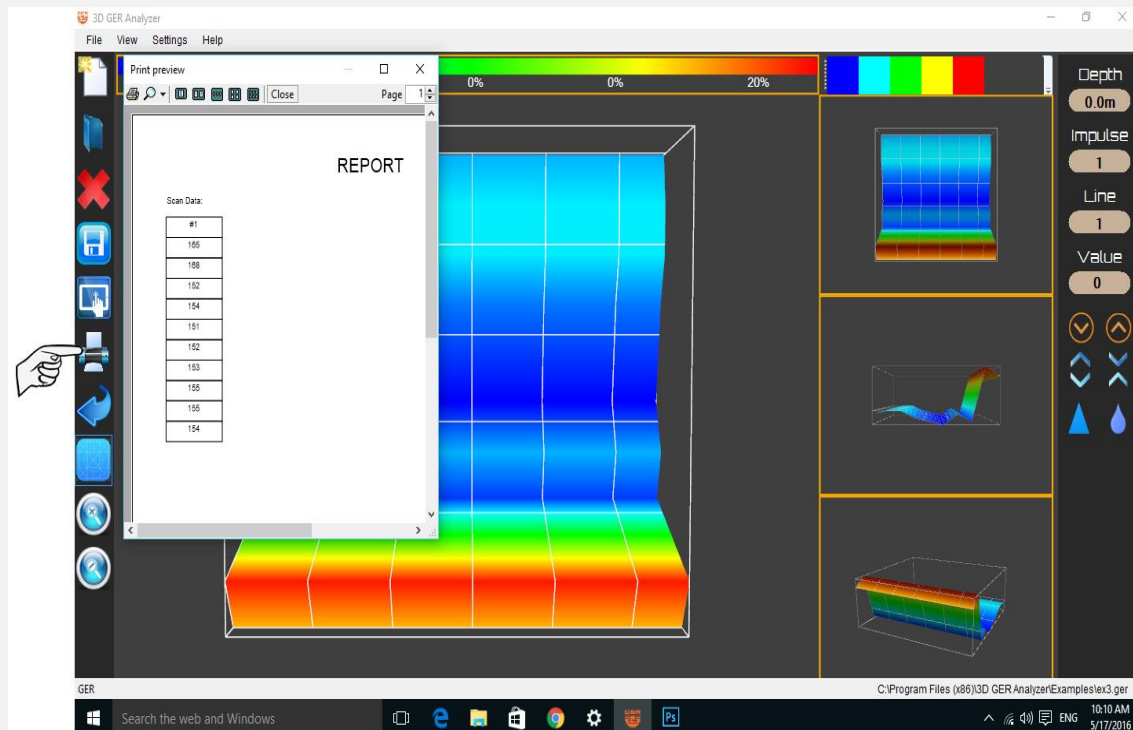
4 — The Magnetometer System

Magnetometer Sensor
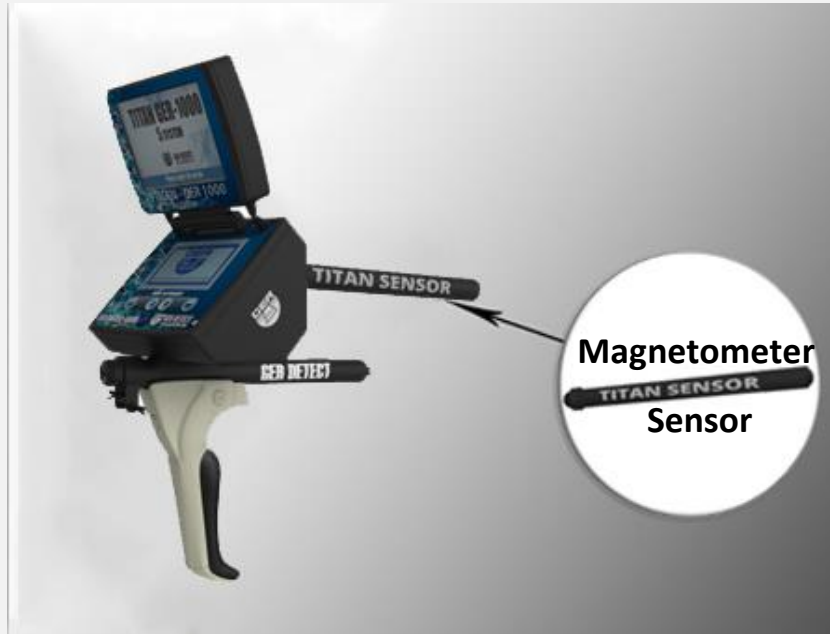
Connect component

Connect the Sensor to the Device

Click on the screen of the device to display the languages list

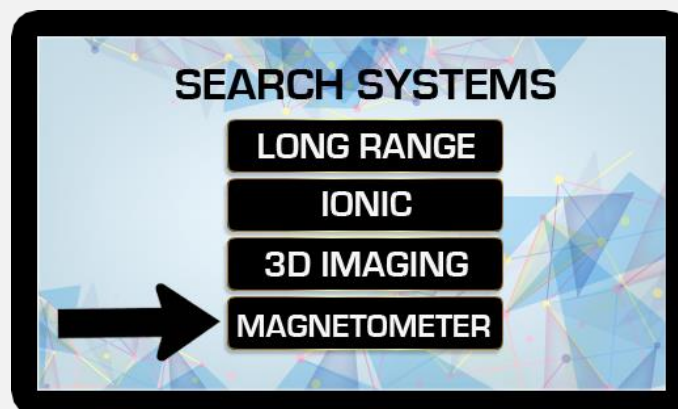The device works on four languages:
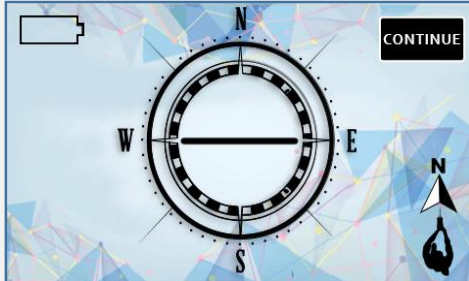
(DUTCH–ENGLISH–FRENCH–ARABIC)

After selecting the language, you want to work in (English for example)

The search systems menu will appear

Select **MAGNETOMETER** search system

After selecting the magnetometer system you have to determine the direction from north / south

North to South

South to North

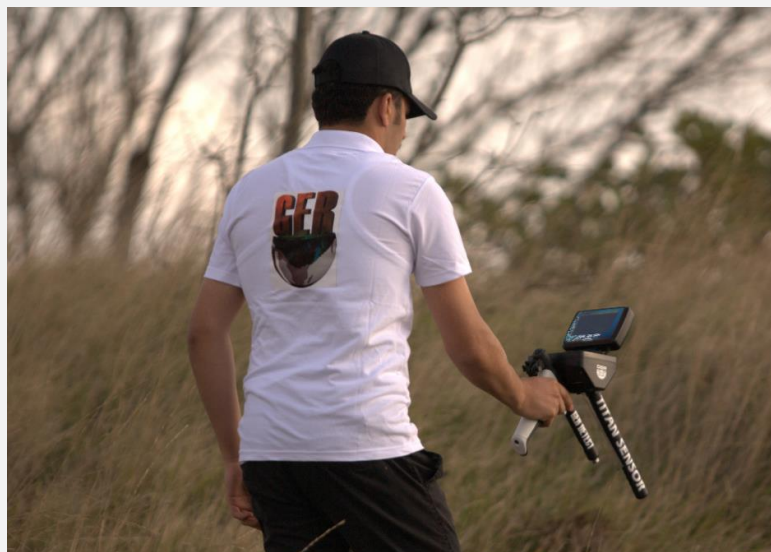East to West

West to East

After selecting the magnetometer system, the search screen will appear.

Point the device to the ground if the device start to make a sound you must calibrate

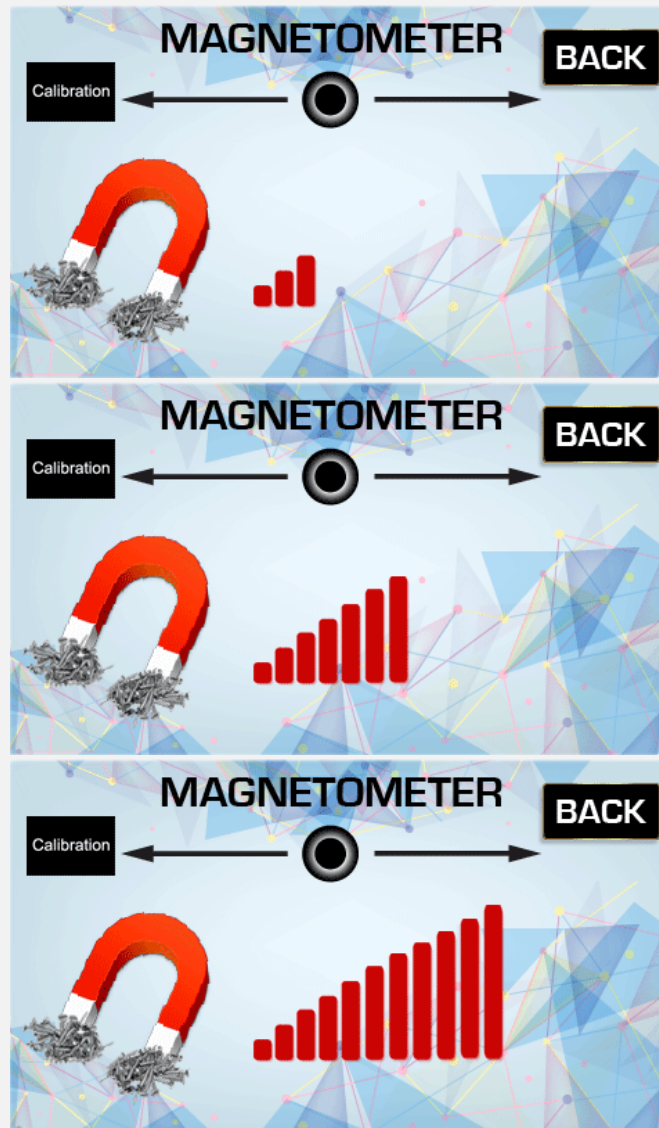The device with the ground by pressing on the **calibration button** as follow:

After you finish the calibration, start the search by moving the device forward and back agents the ground

www.gerdetect.de

When the device detect a target, it will start to make a sound.

In addition, the indicter will start to move to alert you about the target discovered.

The sound will start Accelerating when you will be close to the target.

Note:

When you use the magnetic system the researcher should avoid directing device northward never, because the device will make a sound (This is because the device in this case will be Reverse of magnetic fields, which is directing from north to south)

5 • **The Pulse induction System**
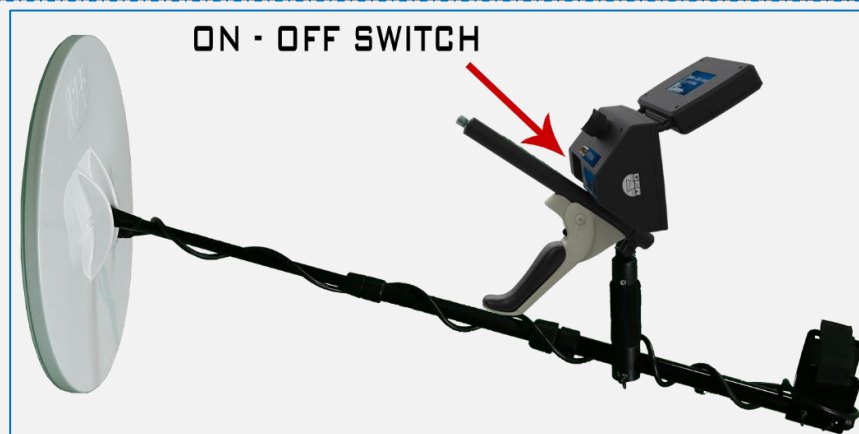

Coil

Coil handle

This system specializes to cover vast areas and locate the target with in **1** meter Square up to depths of **12** meters below the surface of the ground.

Connect component

Connect the coil cable to the device

Start the device by pressing on the power switch **(on off)**

ON · OFF SWITCH

After pressıng the on off button

Make sure that there is no metal on the person he will hold the device or electronic devices or mobile phones or high voltage electricity wires in the area you want to use the device in

open the device by the start button

Select the device language from the list of languages

Move between languages through the navigation keys (**up and down**)

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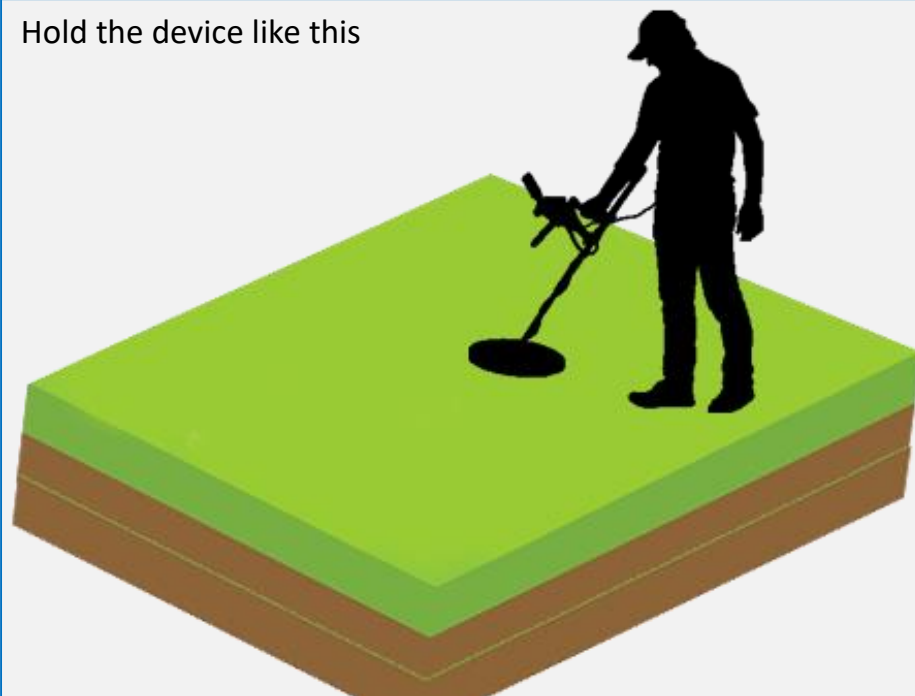**TITAN GER - 1000**　　　　　　　　　　　　**Gold And Metal Detector**

After selecting the language the device will open to the discrimination search mode

First, you have to calibrate the device with the ground when you start searching (during the search if you hear noise you have to make calibration again

Hold the device like this

The device work on two modes

  1- Discrimination search mode : This mode can discriminate between
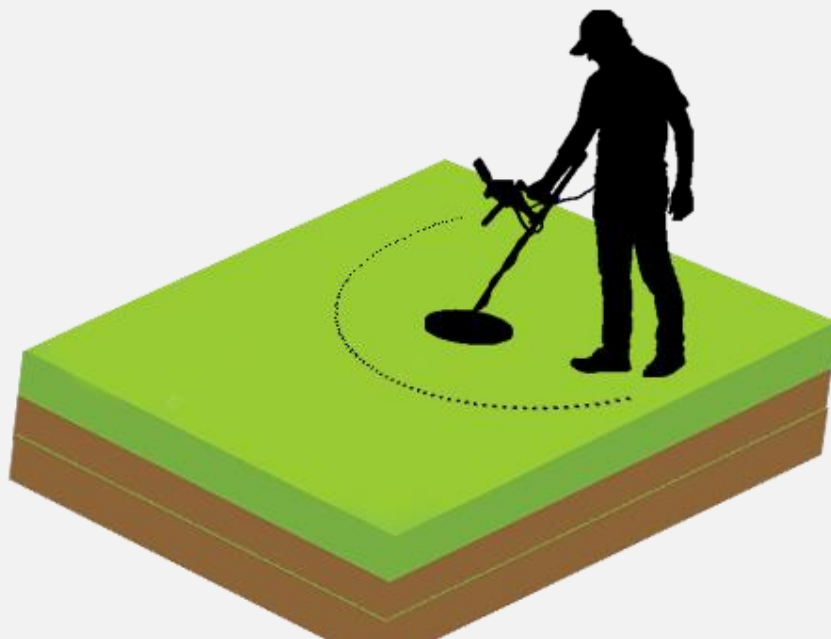
   ferrous metal and non-ferrous

  2- Cavity search mode

   This mode can detect all cavities under the ground

   (Natural cavities – made by human cavities)

   In addition, it can show you the shape and the size

Start the search by moving the device right and left in stable movement and close to the ground.

The coil should be above the ground between **5 TO 10 CM**

Start with the normal search mode

İn case the device detect any metal an indicator will appear on the screen and you will start to hear sound conforming the target present:

Adjust the sensitivity by the navigation buttons UP & DOWN.

Switch between the options by start button.

The descremination mode it can Separate between metals

Ferrous : for iron and the invaluable metals like copper & steel & aluminum

Non− Ferrous : for Gold and silver and bronze .

İn the cavity search mode start your scan in stable way to determine the shape of the cavity.

Thanks for choosing our products

We wish you the best of luck in your searching

⚠️ **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 shoud not contain any metal

Stay away from the car

Only you can use the ionic system, while you are driving the car

Stay away from electrical ground power lines or any surfacing electric