TITAN GER 1000

5 POWERFULL SYSTEM IN ONE DEVICE

Gold And Metal Detector

3D GER Analyzer

TITAN SENSOR

Pulse Indection System

.. USER MANUAL ..

GER DETECT COMPANY

Website : gerdetect.de - Email : info@gerdetect.de

Website : uigdetectors.com - Email : uigdetectors@gmail.com

TITAN GER - 1000
5 SYSTEMS
1 DEVICE

3D IMAGING

IONIC SYSTEM

LONG RANGE

MAGNETOMETER

PULSE INDUCTION

TITAN GER-1000
5 SYSTEM

GER DETECT
www.gerdetect.de

MADE IN GERMANY

Overview

Dear customer, thank you for choosing 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.

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.
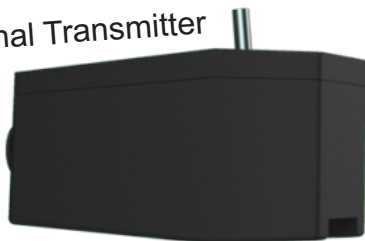
1 - The Long Range System

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:

Signal Transmitter
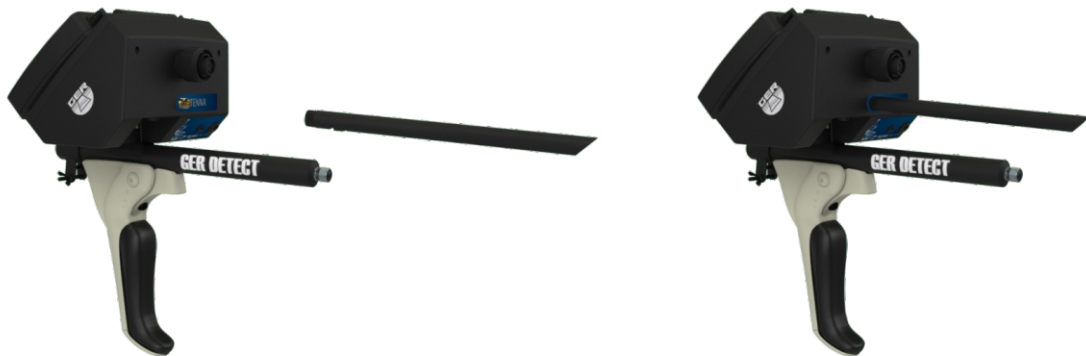
Signal Recipient

Recipient Antenna

Dispatcher Antenna

Ger Detect Metal & Water Detectors.

Email : info@gerdetect.de   Website : www.gerdetect.de

Connect The Dispatcher Antenna

Connect The Signal Transmitter

Connect The Signal Recipient

Connect The Recipient Antenna

- Connect The Battery To The Device

- Open The Device Screen And Start The Device Through ON / OFF switch

BATTERY ENTRANCE

ON - OFF SWITCH

- Click on the screen to display the language list

- The Device work on four languages : Dautch - English - French - Arabic

LANGUAGE

DUTCH

ENGLISH

FRANÇAIS

اللغة العربية

TITAN - GER 1000
5 SYSTEM

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

- The search system menu will appear

- Select long Range search system
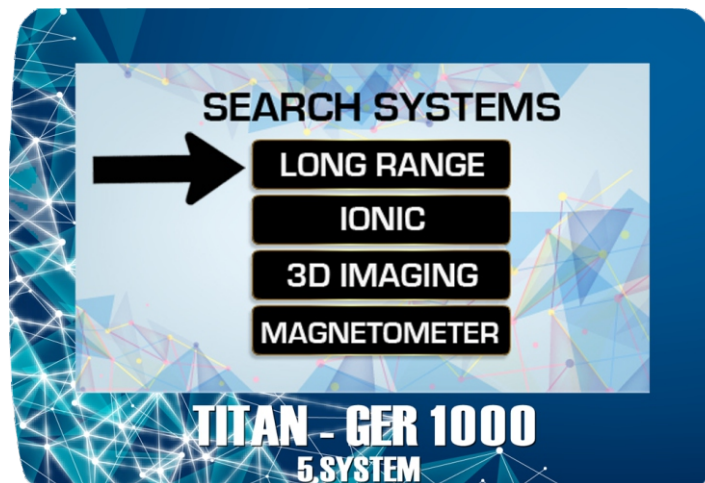
- After Selecting This system, the metals that this system can detect will appear
- Choose the metal to be searched for from a list of metals
 through pressing on the metal names (Buried Gold for example)

- 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
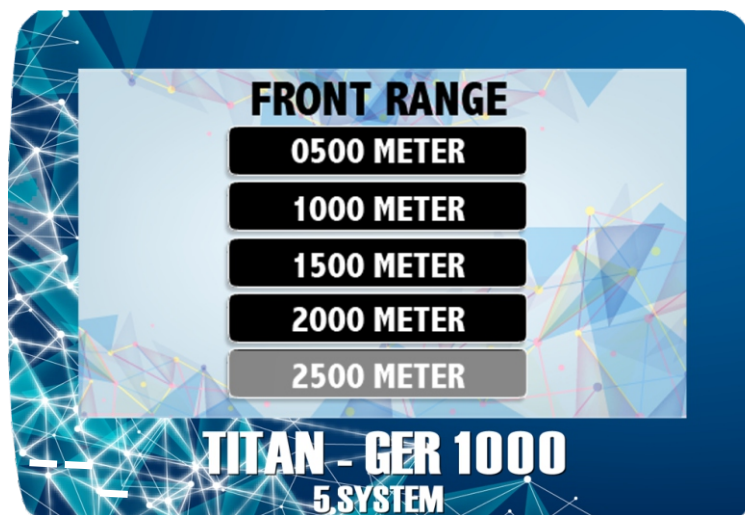
- After selecting the front range , the search screen will appear
  which contain an indicator , which will guide you directly to the target location
- Make sure that the antenna is pointing ahead
- Adjust the antenna with the indicator on the screen to receive accurate signala
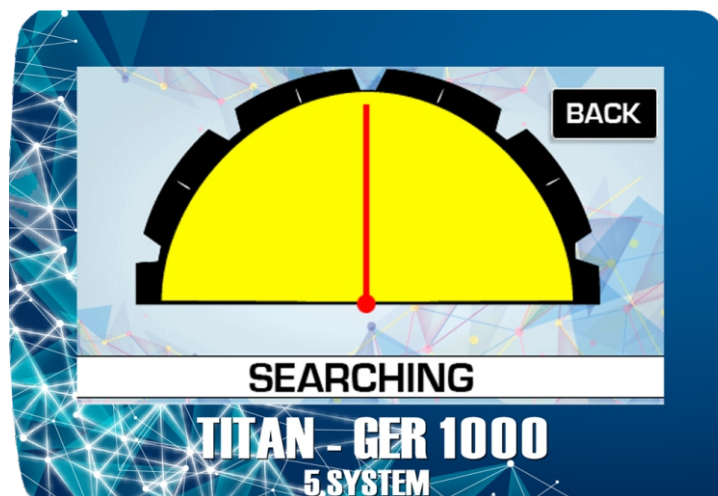
- Increase the length of the signal recipients

 To receive stronger signal even to 2500 meters
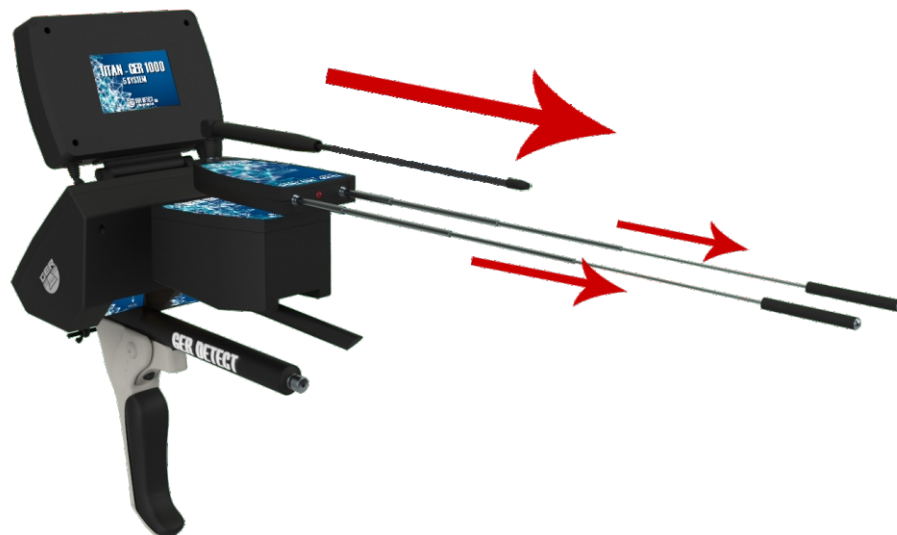
Start the search by holding the device as follow :

 if the target on the right side the indicator
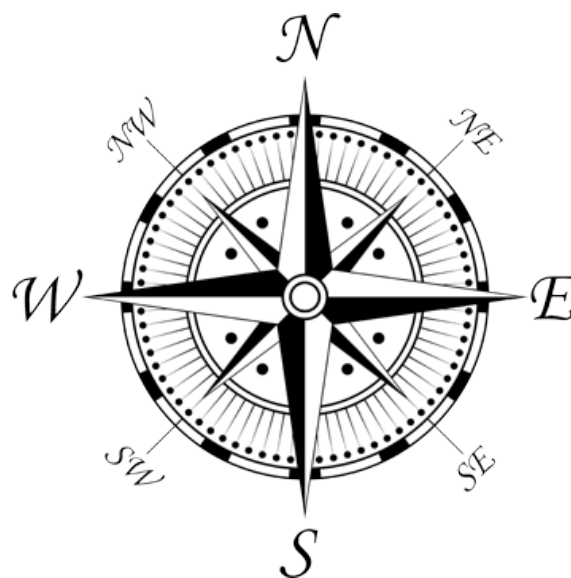will point to the right side and the same to the left side as follow :
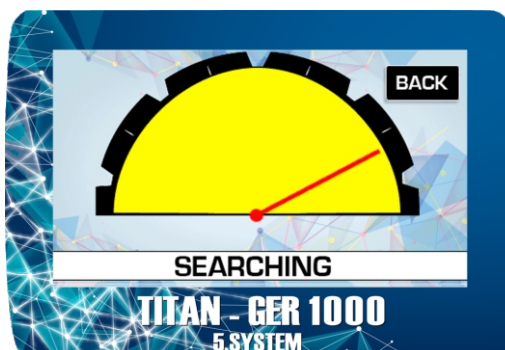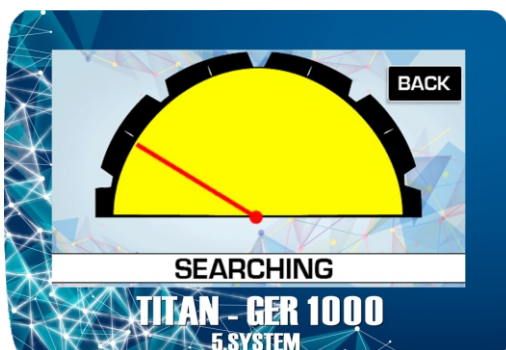
After detecting the target , confirm the target from four directionv
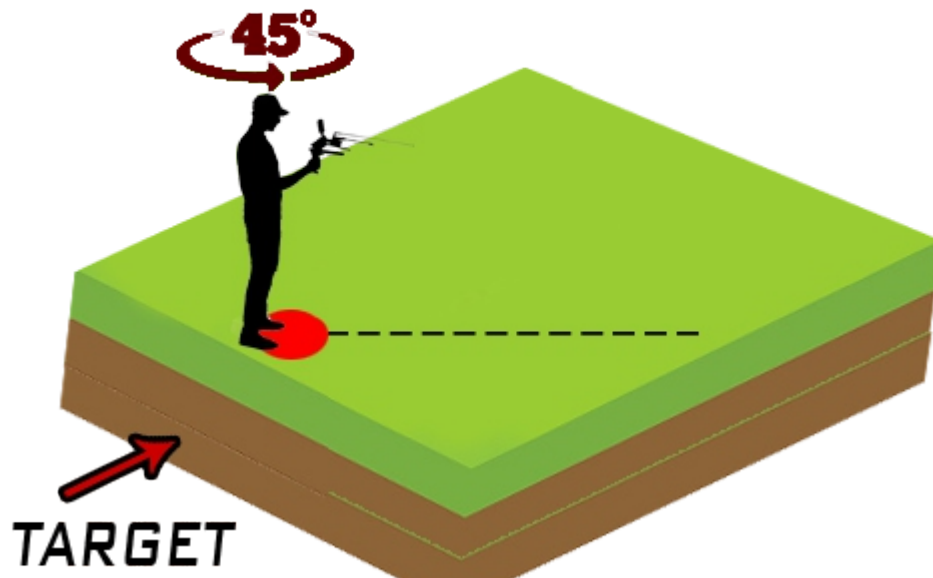
North to South

South to North

East to West

West to East

To determine the depth of the discovered target 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 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 m
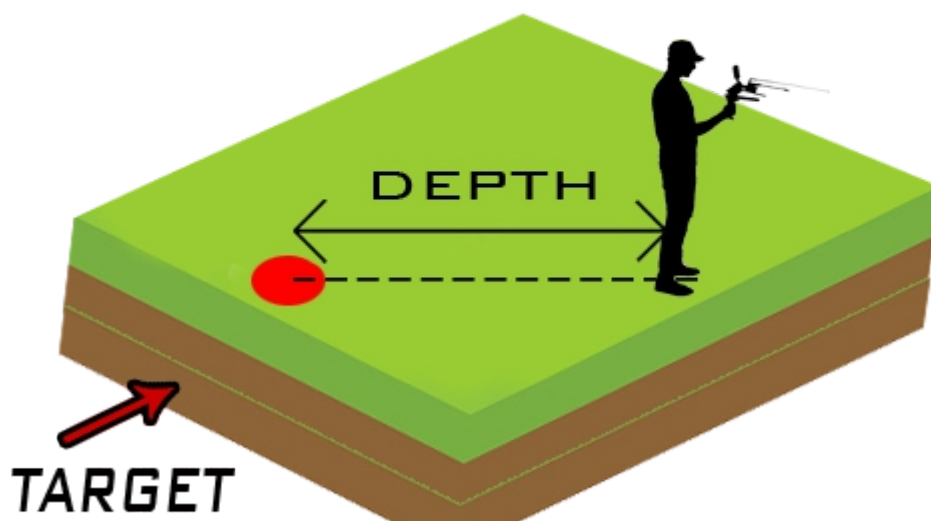
2 - The Ionic Search System

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 500 meters vertical.

The Ionic search system parts:

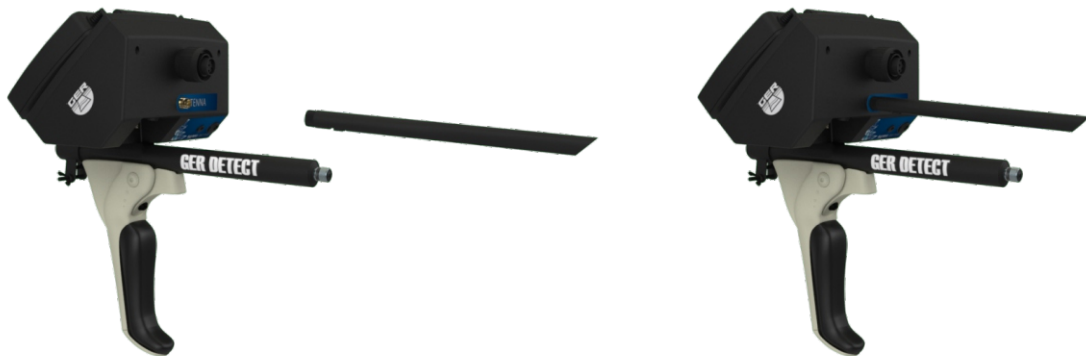Recipient Antenna

Dispatcher Antenna

Connect The Dispatcher Antenna

Connect The Ionic Sensor

- Connect The Battery To The Device

- Open The Device Screen And Start The Device Through ON / OFF switch

BATTERY ENTRANCE

ON - OFF SWITCH

- Click on the screen to display the language list

- The Device work on four languages : Dautch - English - French - Arabic

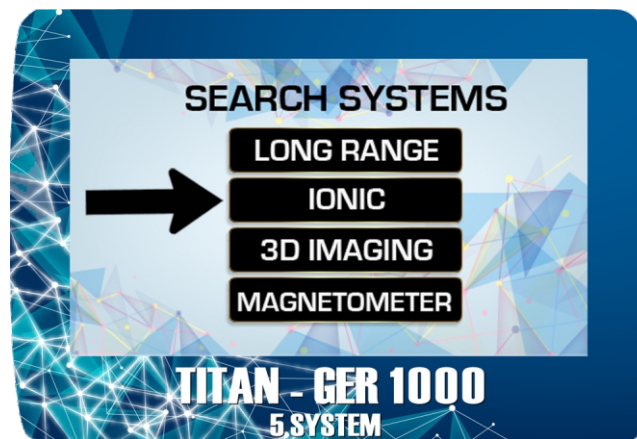LANGUAGE

DUTCH

ENGLISH

FRANÇAIS

اللغة العربية

TITAN - GER 1000
5 SYSTEM

- After selecting the language you want to work in (English for example)
- The search system menu will appear
- Select Ionic search system

- 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 calibrationbutton 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 indicator will start to move to alert you that the device
find 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 turn on the laser to locate the target place by pressing the laser ON OFF, button
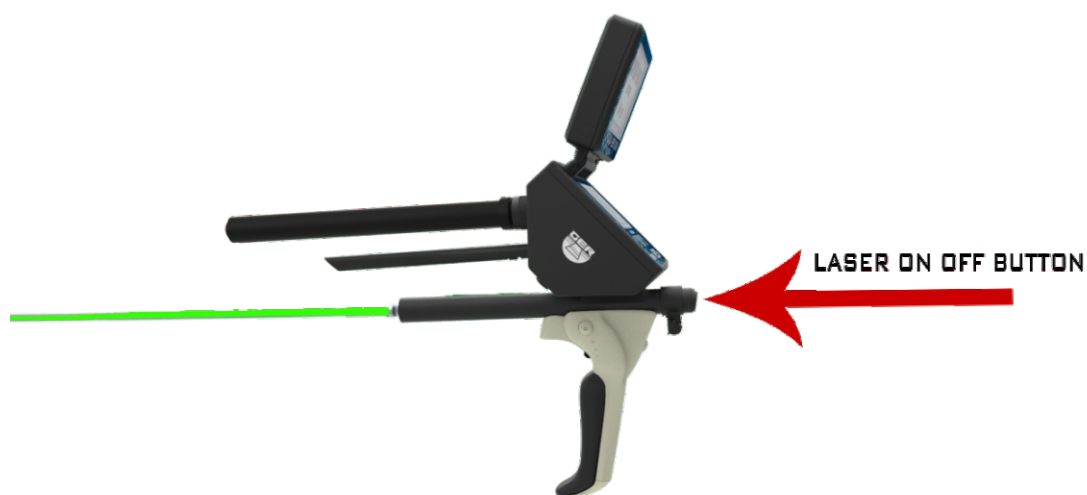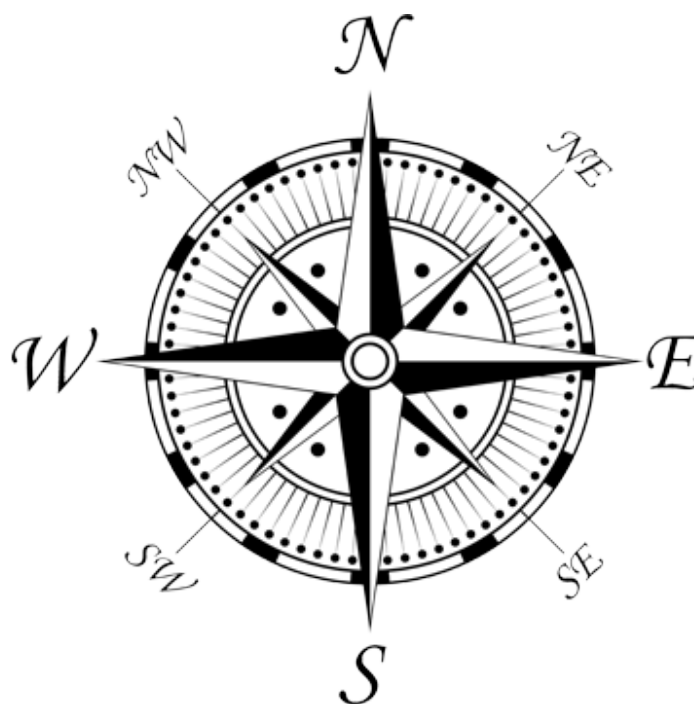
LASER ON OFF BUTTON

After detecting a target, conform the target from four directions.

NORTH TO SOUTH

SOUTH TO NORTH

EAST TO WEST

WEST TO EAST

3 - 3D Imaging System

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.
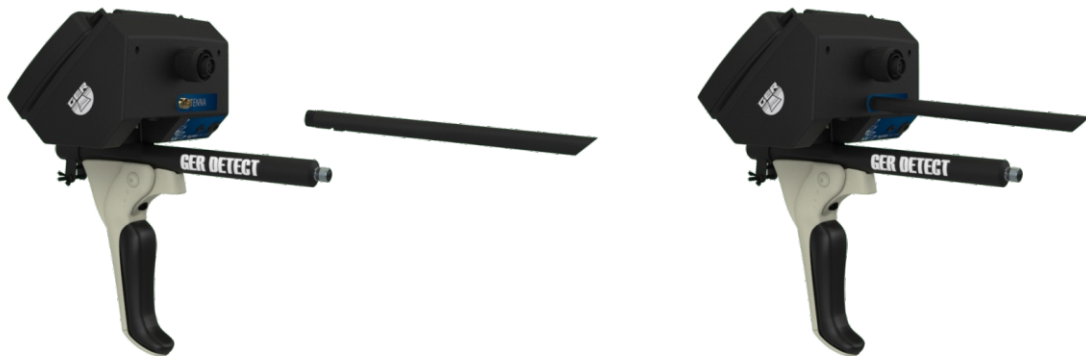
The long range system parts:

Tablet Holder

Tablet

3D Sensor

Dispatcher Antenna

Connect The Dispatcher Antenna

Connect The 3D Imaging Sensor

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

Go 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.
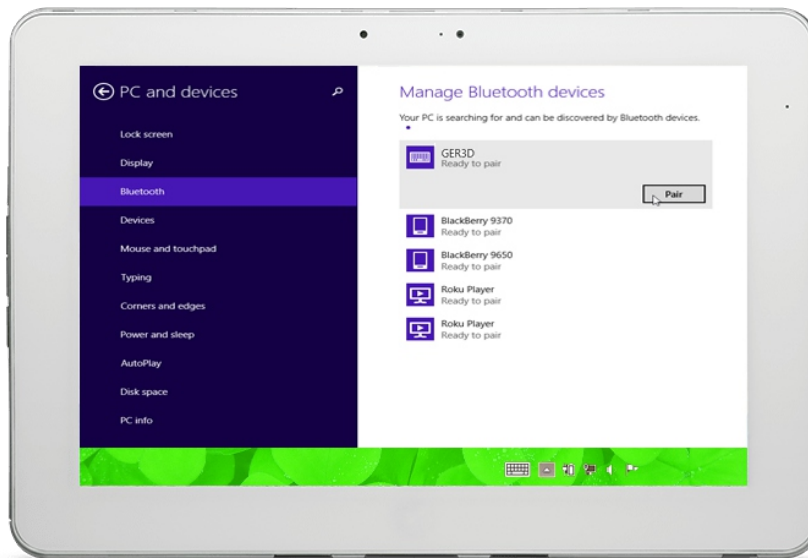2- Click on the Bluetooth icon.
3- Chose add a Bluetooth device.

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

NOTE : The Bluetooth Password is : 1000

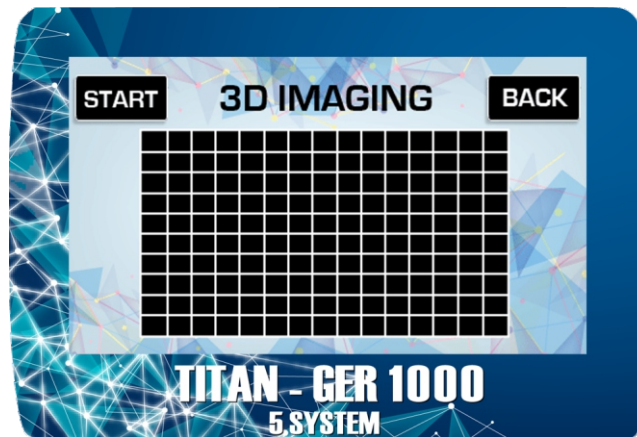Now select the 3D IMAGING system from the systems menu in the device.

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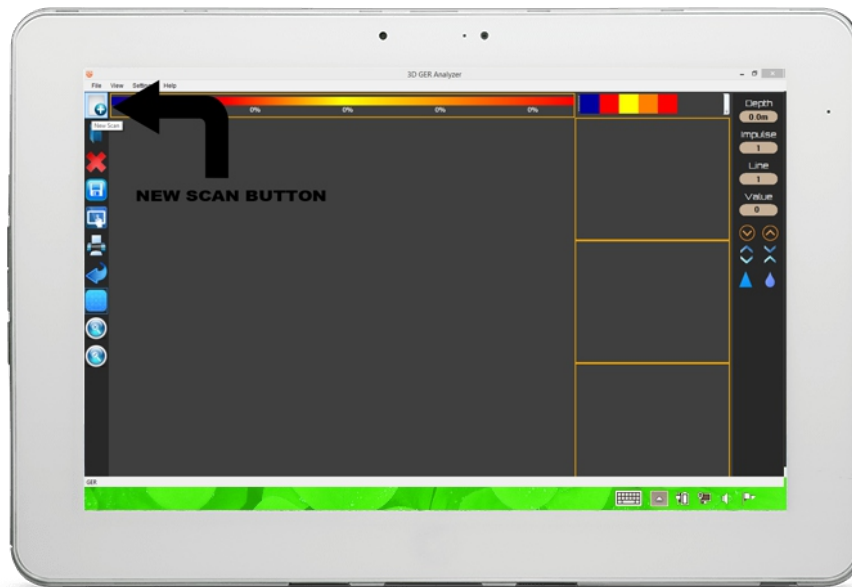

Open the 3D GER Analyzer that installed on the tablet

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

THE CONNECTION SETTINGS WINDOW WILL APPEAR ON THE SCREEN.
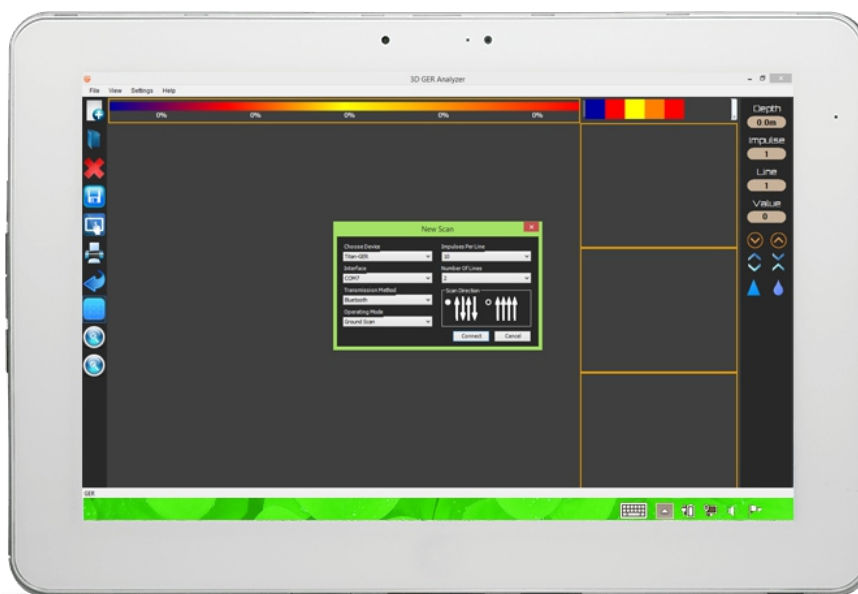
Enter The Setting as Follow :

1- Choose The Device   (Titan Ger)

2- Inter Face : Open the bluetooth setting and enter the com number
(Out going) for example (com 17)
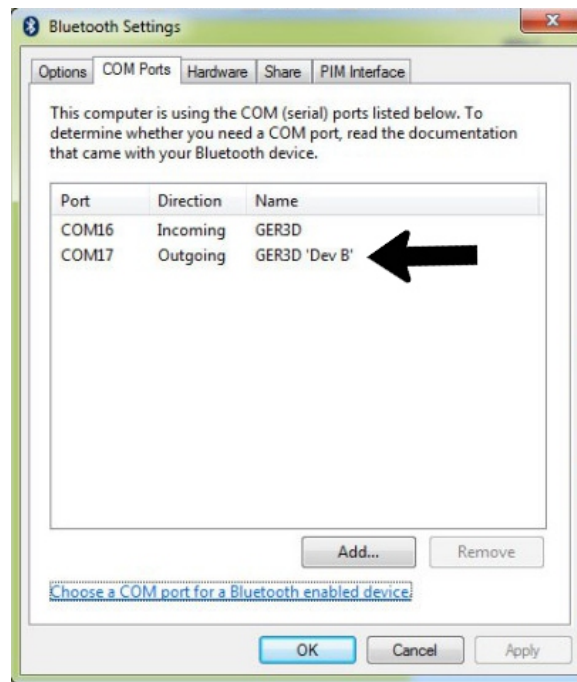
3- Transmission Method (Bluetooth)

4- Operating Mode (Ground scan)

5- Impulses Per Line 10 to 50 (each impulse 30 cm)

6- Number Of Line 1 to 15 (each impulse 30 cm)

7- Scan Direction (Optional)

After you enter the sittings, click on connect and go to the device screen. Therefore, you will start taking pictures as follow:

START BUTTON

Hold the device like this…
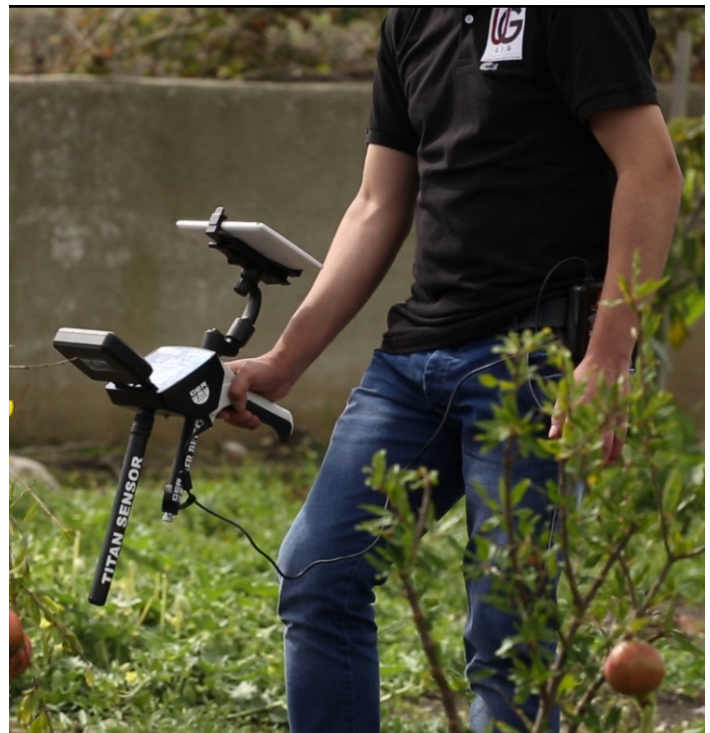
4 - The MagnetoMeter System

This system specializes to detect magnetic metals (iron) up to depths of 45 meters below the surface of the ground.

The magnetometer system parts:

3D Sensor

Connect The Sensor To The Device

- Click on the screen to display the language list
- The Device work on four languages : Dautch - English - French - Arabic

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

- The search system menu will appear

- Select Magnetometer Search system

- After Selecting This 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

Ger Detect Metal & Water Detectors.

Email : info@gerdetect.de   Website : www.gerdetect.de

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

When the device detect a target, it will start to make a sound.
In addition, the indicator will start to move to alert you that the device find the target.

The sound will start accelirating when the device is close to the target

5 - The Pulse Indection System

This system specializes to cover
the area under the coil directly
and locate the target
up to depths of 12 meters
below the surface of the ground
This system allow you to discriminate
between metals and you can see the target
in 3D shapes on the tablet
also you can delete all ferrous metals
in addition you can discover the cavities
and determine the size and the shape.

The Pulse induction system parts :

1- The main unite
2- The coil handle
3- 45 X 45 cm search COIL
4- 15 X 15 cm search COIL

Connect The Pulse Indection Parts To The Device

1 - Connect The Coil Cable To The Device.
2 - Start The Device By Pressing On The Power Switch (on - off)
3 - Press on start button under the screen

ON - OFF SWITCH

Note : before turning on the device
make sure that there is no metal on the person who holding
the device or electronic devices or mobile phones or high voltage
electricity wires in the place you want to use the device
if the device did not complete loading the program that's mean
there is metals near the search coil which are affect the
operation of the device

To avoid the this problem move the coil or raise it up the
grounds a few centimeters and the device will complete
the opening process

- Select the device language from the list of languages
- Move between languages through the navigation keys (up and down)

- After selecting the language the device will open to the normal search mode
- First you have to calibrate the device with the ground when the letters
  G-B appear on the screen which means ground Balance
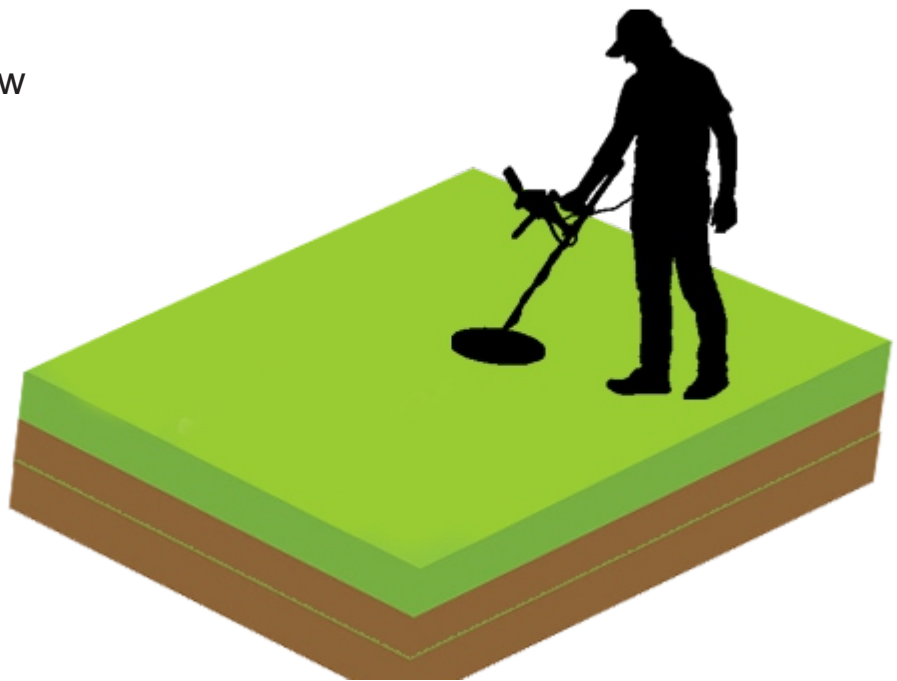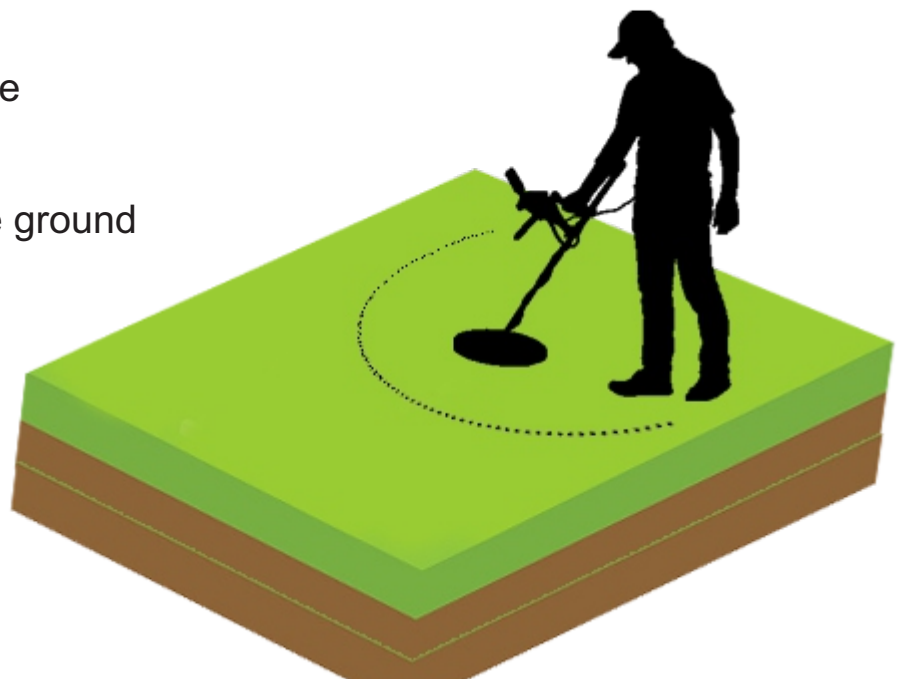- You can calibrate by pressing the menu button.

Hold the device as follow

And start calibration

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

The device work on three modes

1- Normal search mode :
This mode can detect all kind of metals

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

3- 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

You can adjust the sensitivity by the navigation buttons UP & DOWN.
The smallest number is the higher sensitivity.

001 = high sensitivity   100 = low sensitivity

Switch between the search modes by pressing on start button.

The device can reach to 12 meters depth under the ground

1- 15 X 15 search coil : designed to detect small targets and gold nuggets
~ This coil can reach 4 meters maximum

2- 45 X 45 search coil : designed to detect big targets , treasures , graves ,
cavities burred gold underground
~ Tis coil can reach 12 meters maximum

Note : The coils depth that we mentioned above don't apply on a new metals
The metals must be under the ground more than 15 years so the device will
detect it to 12 meters

1- Start with the normal search mode
İn case the device detect any metal an indicator will appear on the screen
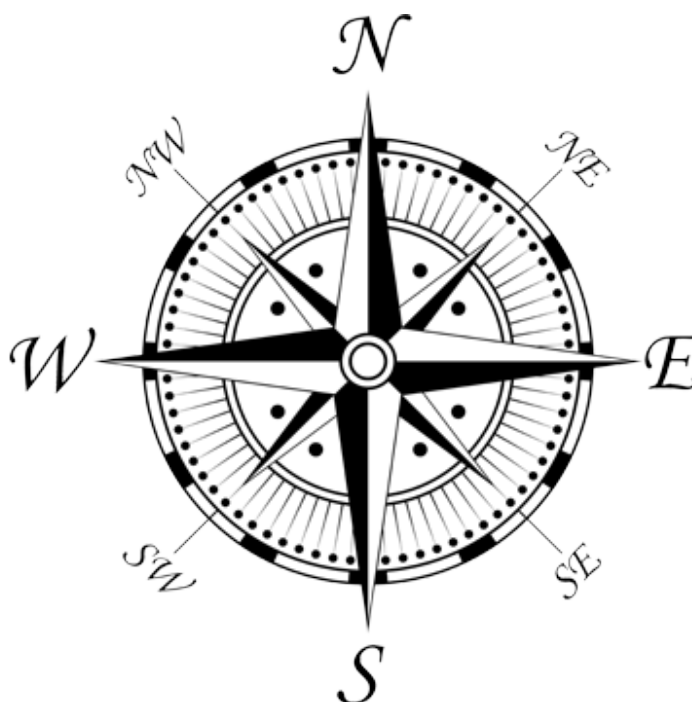and you will start to hear sound conforming the target is exist

After detecting a target, conform the target from for direction.

NORTH TO SOUTH

SOUTH TO NORTH

EAST TO WEST

WEST TO EAST

2- The descremination mode : it can Separatebetween metals as follow

Ferrous for : Iron and its derivatives

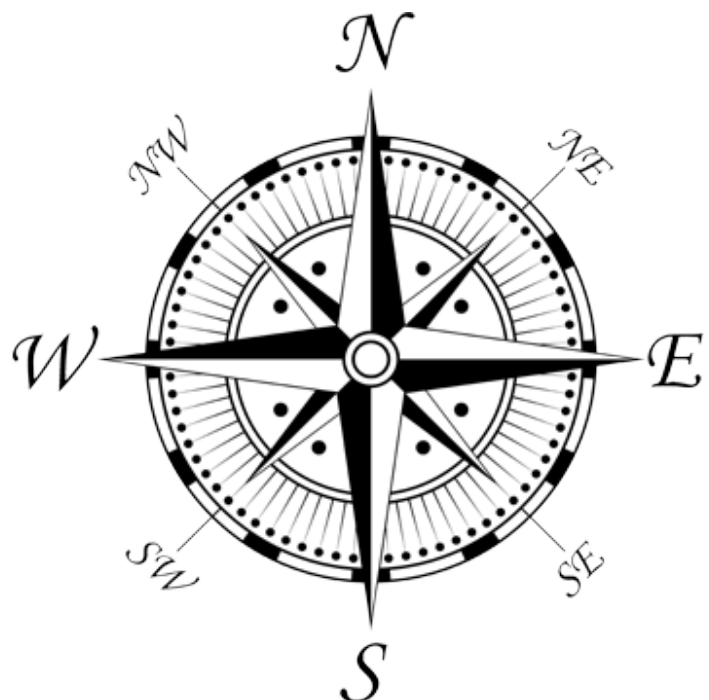Non ferrous for : Gold – silver – bronze – copper–Aluminum – tin .... etc

To conform the target type scan the target from four directions

NORTH TO SOUTH

SOUTH TO NORTH

EAST TO WEST

WEST TO EAST

In the cavity search mode start your scan in stable motion to determine the shape of the cavity.

..... Thanks for choosing our products .....
..... We wish you the best of luck in your searching .....