

# DeepSeeker

**GOLD & METAL DETECTOR**



**5 SYSTEMS  
IN ONE DEVICE**



**GER-DETECT**

**User's Manual**

# INDEX

- **Page 1:** Critical Warning
- **Page 2:** Over view
- **Page 3:** Definition of the main unit buttons
- **Page 4:** The long-range system
- **Page 5,6:** Long-range system parts connection
- **Page 7-10:** Long -range system operation steps
- **Page 11:** The ionic search system
- **Page 12,13:** Ionic search system parts connection
- **Page 14-16:** Ionic search system operation steps
- **Page 17:** Magnetometer search system
- **Page 18,19:** Magnetometer system parts connection
- **Page 20-22:** Magnetometer system operation steps
- **Page 23:** The 3D imaging system
- **Page 24-26:** The 3D imaging system parts connection
- **Page 27:** 3D imaging system operation steps
- **Page 28-30:** 3D imaging system communication steps
- **Page 31-34:** 3D GER analyzer using steps
- **Page 35-37:** the device parts and accessories



## 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 and connected.
  - Make sure that the device battery is fully charged before you start the search.
  - If the device starts to give a peep sound, close the device and recharge the battery.
  - when the battery will almost die the device will close automatically.
  - 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.
  - If the green light on the red light on the charger is on, it means the battery is full, and if the battery empty, the red light will be on only.
  - 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 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.
- We wish you the best of luck in your search.....

# OVER VIEW

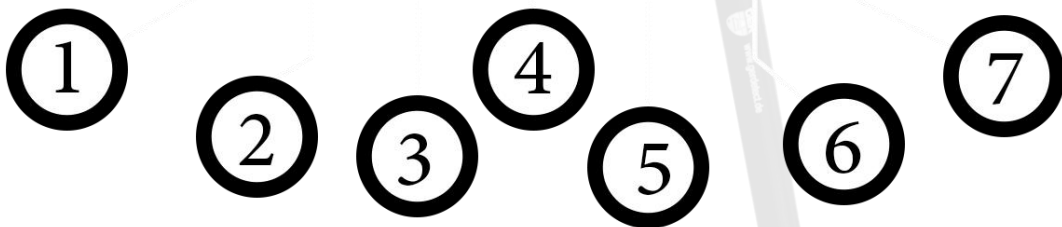
*Dear customer,*

“Thank you for choosing DEEP SEEKER”

- ✓ This product enables you to detect gold, precious metals, cavity, treasures buried in the ground.
- ✓ The world's first-of-its-kind device that operates five innovative systems to detect internal treasures such as precious metals and ancient monuments.
- ✓ Deep seeker is designed to operate in all kinds of terrain and in the most difficult climatic conditions.
- ✓ Deep seeker can skip all kinds of unprecious metal rocks using automatic calibration technology.
- ✓ The device depth is up to 40 meters under the ground.
- ✓ The device work on 6 different languages.
- ✓ 5 search systems in 1 device.



## DEFINITION OF THE MAIN UNIT BUTTONS



- 1- Calibration button: to calibration the ionic and magnetometer system.
- 2- Settings button: which allow you to axis and adjust the sound, lighting and the information of the device.
- 3- Down button: to move between the options.
- 4- 3D button: to Capture the photos one by one in the 3D imaging system.
- 5- Up button: to move between the options.
- 6- Ok button: use to conform the selected option and move to the next page.
- 7- Back button: after searching in each system it will take you back to the systems page.

# THE LONG-RANGE SYSTEM



The Long-Range System Components

This system specializes to cover vast areas and locate the target within 1-meter Square up to depths of 40 meters below the surface of the ground and Front Range up to 3,000 meters.

Using conditions of the long-range system

This system works only on underground buried metals for long time because this system can detect the ionic and the signal that form around the buried metals after been under the ground for a few years at least

# THE LONG-RANGE SYSTEM PARTS CONNECTION

## STEP 1 CONNECT THE HANDLE OF THE DEVICE



## STEP 2 CONNECT THE DISPATCHER SENSOR



# THE LONG-RANGE SYSTEM PARTS CONNECTION

## STEP 3

CONNECT THE DISPATCHER ANTENNAS



## STEP 4

CONNECT THE RECIPIENT ANTENNAS





# THE LONG-RANGE SYSTEM OPERATION STEPS

- 1- Connect the Battery to the Device
- 2- Start the Device by pressing on the ON / OFF switch



select the search language  
(for example, English)

select the search system  
(for example, long-range)



# THE LONG-RANGE SYSTEM OPERATION STEPS

select the target type to be searched for it  
(for example, gold nuggets)



select the soil type according to the search ground  
that you will operate on

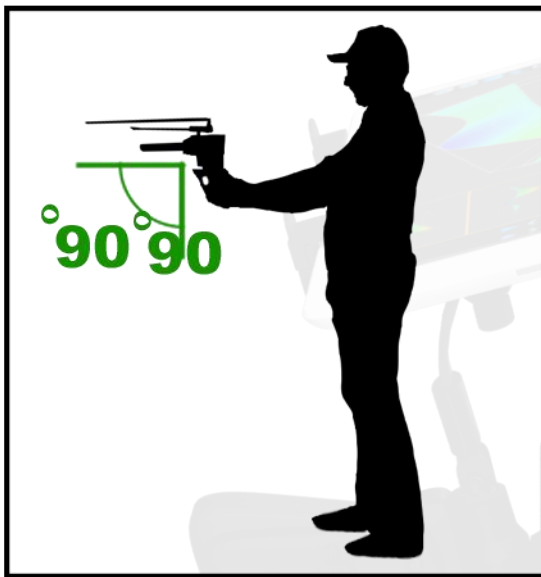


select the front range that you need to reach  
in your search.

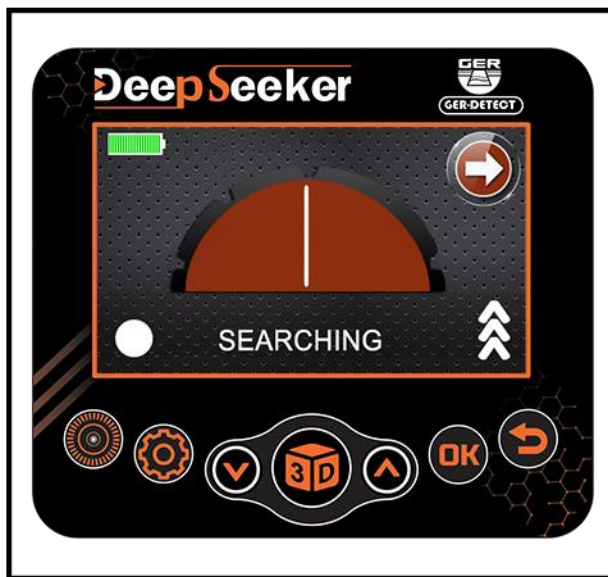
The device can reach maximum of  
3000-meter square



# THE LONG-RANGE SYSTEM OPERATION STEPS



select the south direction by holding the device in a straight way Exact (90 degrees).  
After you locate the 4 sides Start the work by facing the south direction.



The search screen will popup

The device will start to send a signal to the ground to start the detection.

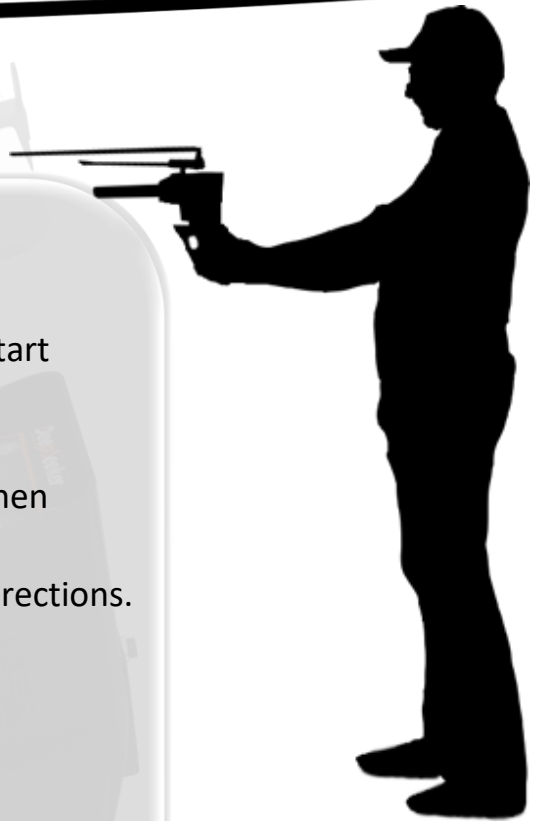
And when the device finds a target the indicator will start to move to guide you Towards the target.

before starting the search, you should strength the length of the recipient antenna

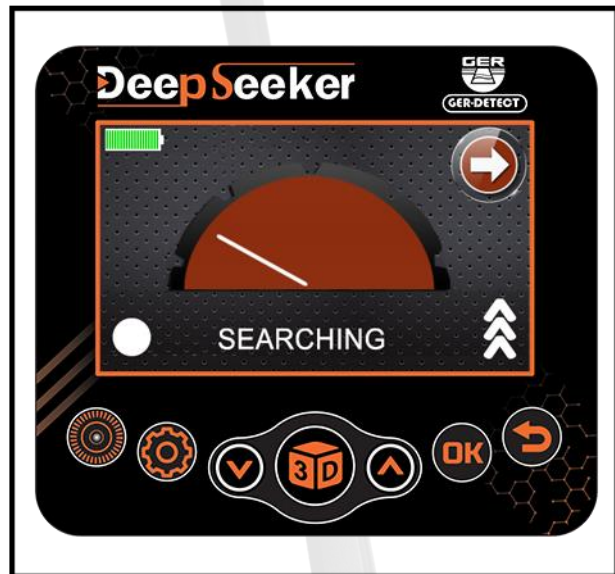
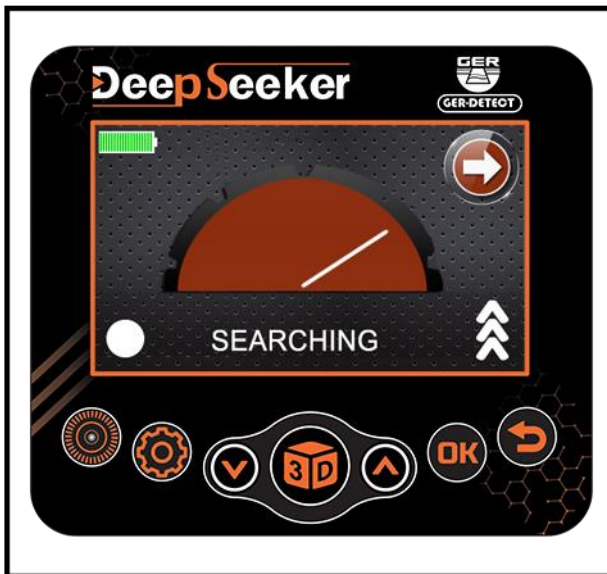
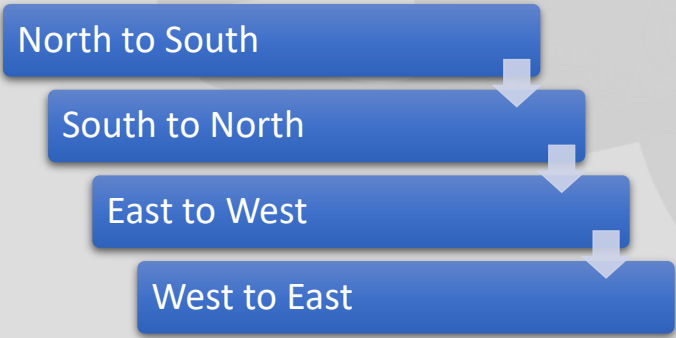




# THE LONG-RANGE SYSTEM OPERATION STEPS



- 1- Hold the device as in the chart
- 2- when the device detects a target, the indicator will start to move left or right with increasing in the sound.
- 3- If the target exists on your right side for example, the indicator will move towards the right side and when it does move you have to stop and mark the ground than you have to do the seam methods from the 4 directions.





## 2- THE IONIC SEARCH SYSTEM



The ionic search System Components

This system specializes to cover vast areas and locate the target within 1-meter Square up to depths of 40 meters below the surface of the ground and Front Range up to 500 meters vertical.

Using conditions of the ionic search System

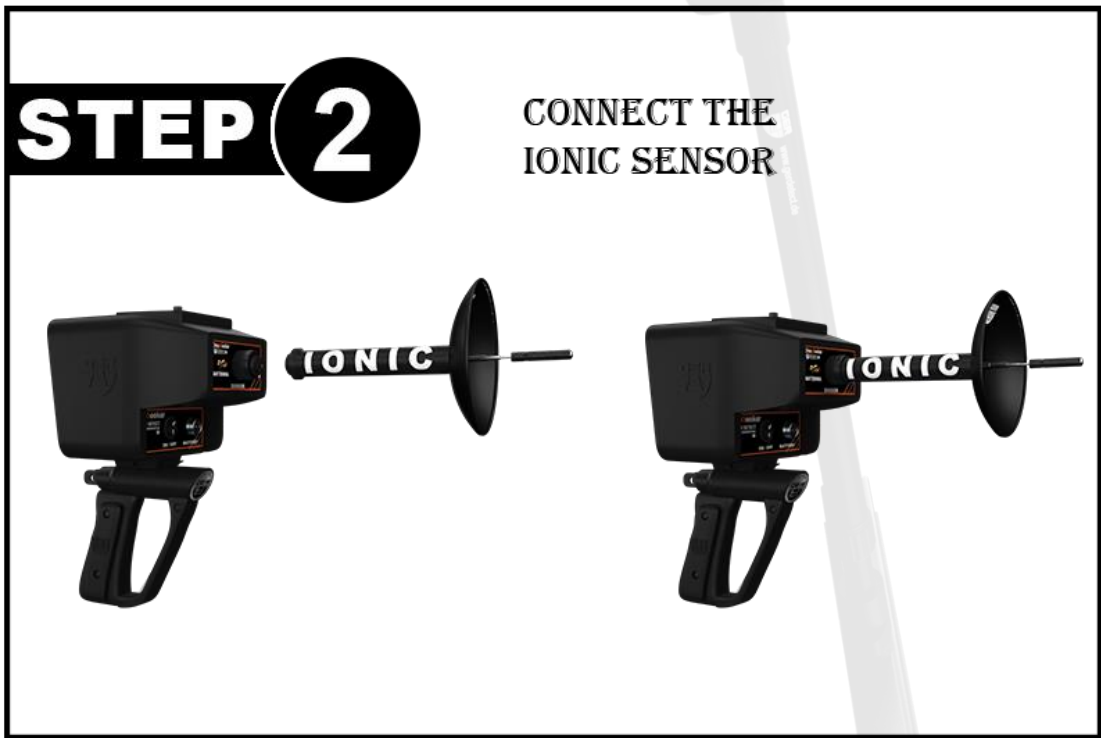
This system works only on underground buried metals for long time because this system can detect the ionic fields that form around the buried metals after been under the ground for a few years at least.

# THE IONIC SEARCH SYSTEM PARTS CONNECTION

## STEP 1 CONNECT THE HANDLE OF THE DEVICE



## STEP 2 CONNECT THE IONIC SENSOR



# THE IONIC SEARCH SYSTEM PARTS CONNECTION

## STEP 3

INCREASE THE LENGTH OF THE SENSOR ANTENNA



## STEP 4

CONNECT THE BATTERY AND START THE DEVICE BY THE ON / OFF SWITCH

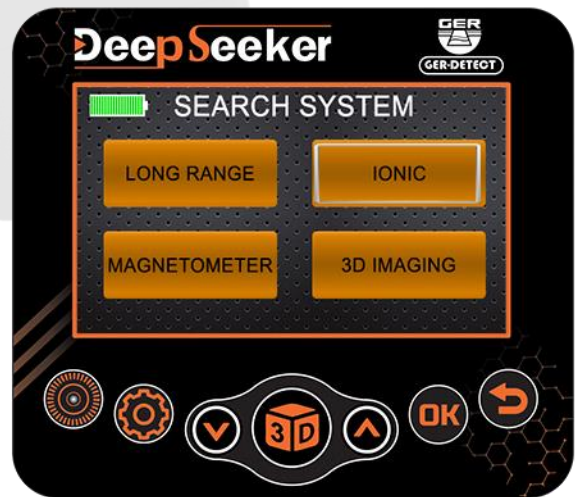


# THE IONIC SEARCH SYSTEM OPERATION STEPS



select the search language  
(for example, English)

select the search system  
(for example, ionic system)

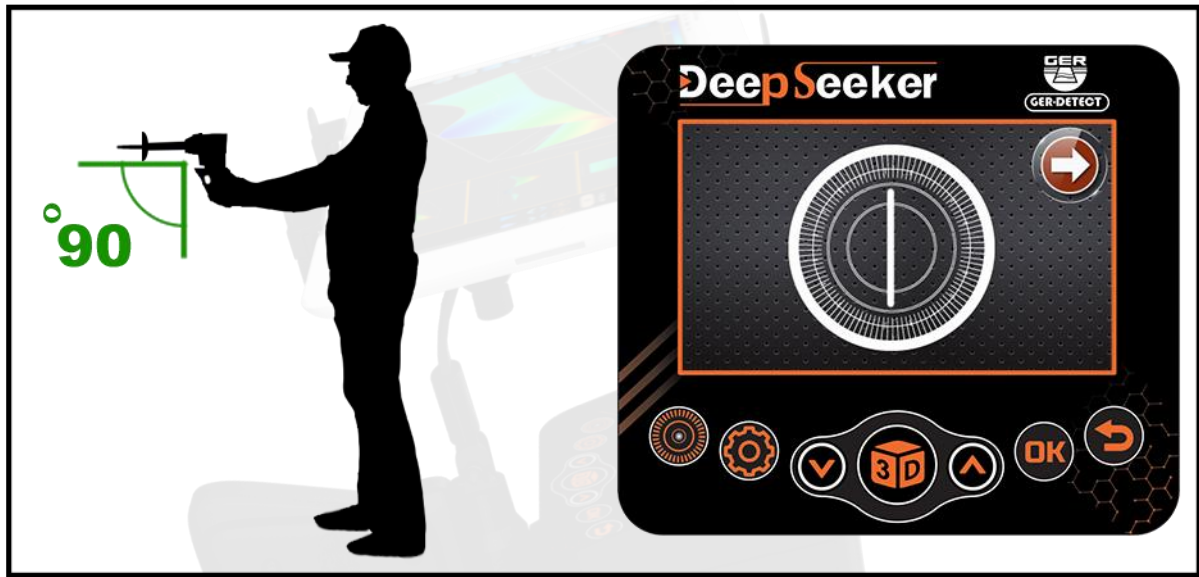


select the soil type according to the  
search ground that you will operate on





# THE IONIC SEARCH SYSTEM OPERATION STEPS



select the south direction by holding the device in a straight way Exact (90 degrees).

After you locate the 4 sides Start the work by facing the south direction

the search screen will popup, start the calibration by holding the device towards the ground and Press on the calibration button on the corner of the screen or on the key buttons which hold the seam symbol for a few seconds.



# THE IONIC SEARCH SYSTEM OPERATION STEPS

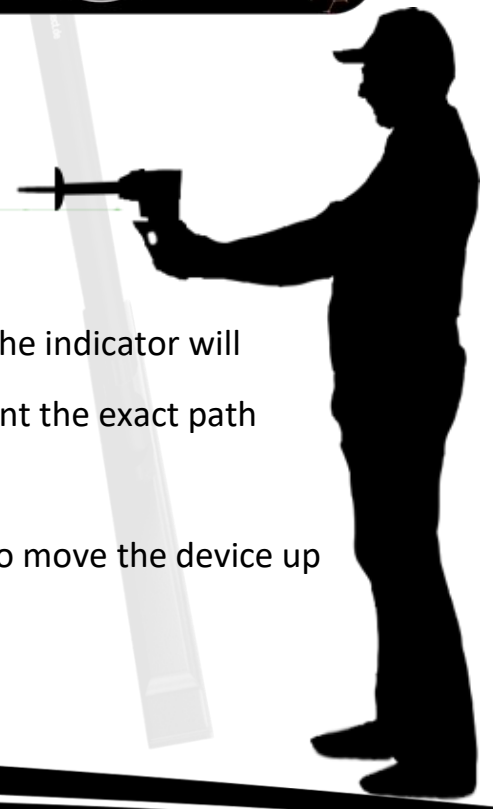


1-Hold the device as in the chart

2-Start the search by moving the device left and right  
Between 180 degrees.

3-When a target exists within your 180 degrees of search the indicator will  
Start to show up, then you slow down the search to pinpoint the exact path  
Towards the target.

4-When you determine the path towards the target start to move the device up  
And down until you locate the target.



### 3- THE MAGNETOMETER SEARCH SYSTEM



#### The MAGNETOMETER search System Components

This system specializes to cover under the sensor directly and locate the target within 1-meter Square up to depths of 40 meters below the surface of the ground

Using conditions of the ionic search System:

This system works on underground caves and buried metals for long time because this System can detect the magnetic fields that form around the buried metals after been under the ground for a few years at least.

# THE MAGNETOMETER SYSTEM PARTS CONNECTION

## STEP 1 CONNECT THE HANDEL OF THE DEVICE



## STEP 2 CONNECT THE MAGNETIC SENSOR HANDLE





# THE MAGNETOMETER SYSTEM PARTS CONNECTION

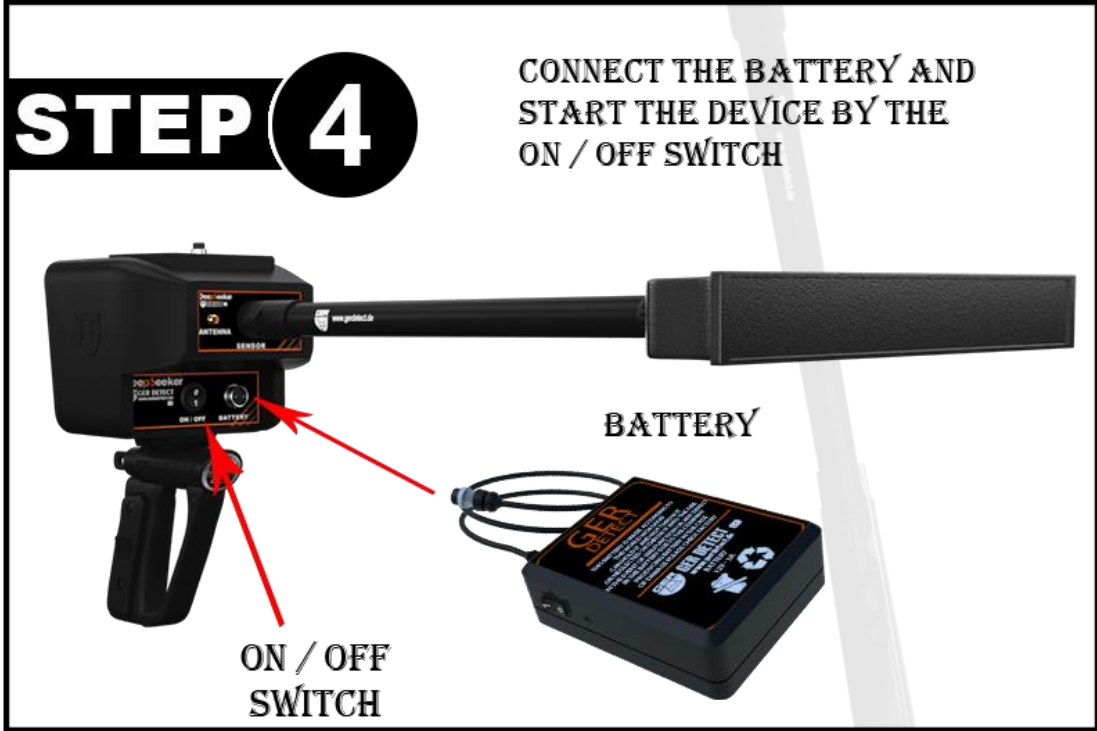
## STEP 3

CONNECT THE SENSOR TO THE HANDLE



## STEP 4

CONNECT THE BATTERY AND START THE DEVICE BY THE ON / OFF SWITCH



# THE MAGNETOMETER SYSTEM OPERATION STEPS



select the search language  
(for example, English)

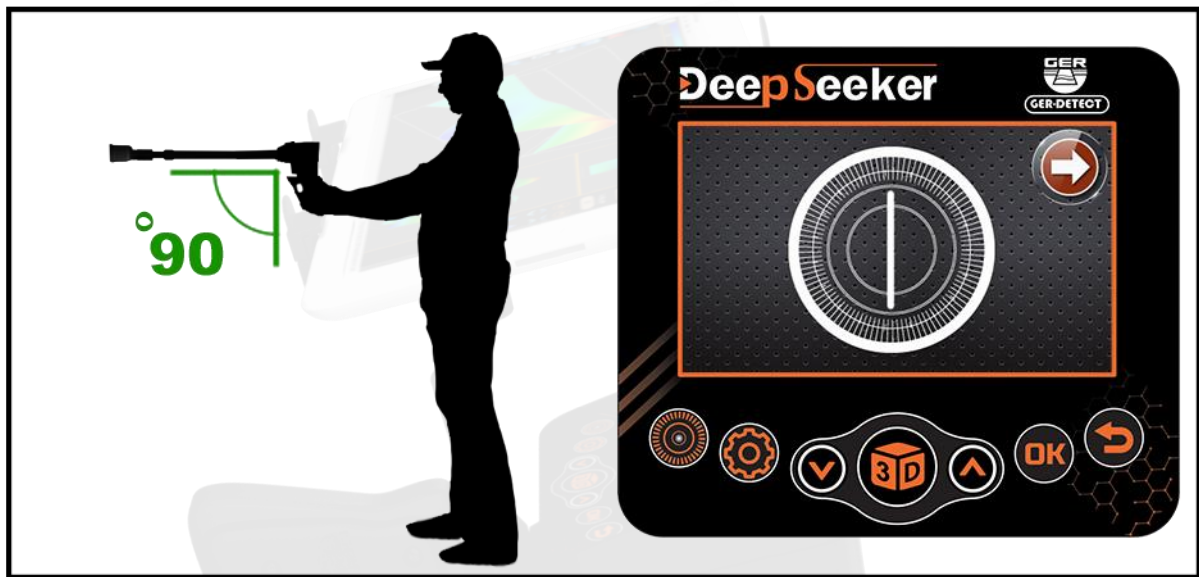
select the search system  
(for example, magnetometer system)



select the soil type according to the  
search ground that you will operate on



# THE MAGNETOMETER SYSTEM OPERATION STEPS



select the south direction by holding the device in a straight way Exact (90 degrees). After you locate the 4 sides Start the work by facing the south direction

the search screen will popup, start the calibration by holding the device towards the ground and Press on the calibration button on the corner of the screen or on the key buttons which hold the same symbol for a few seconds.





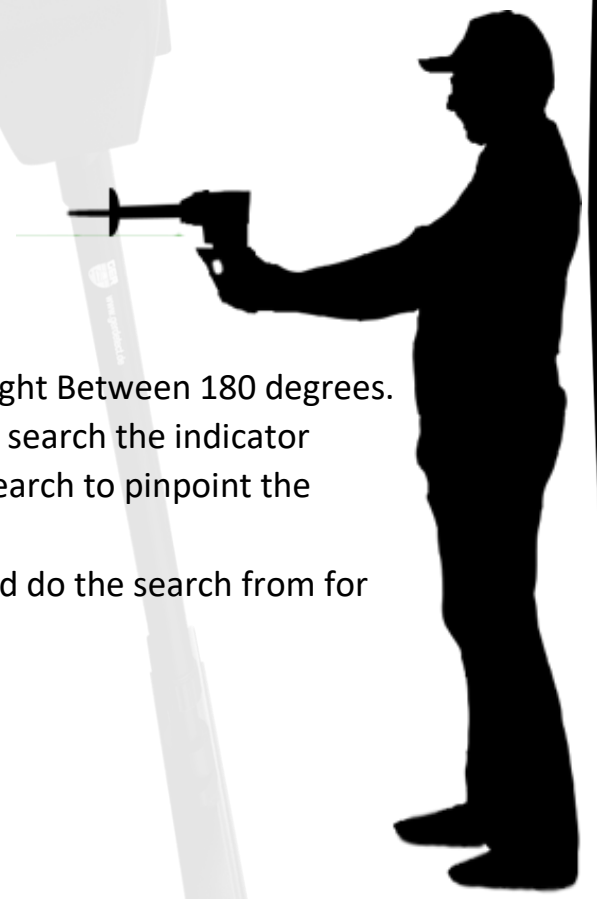
# THE MAGNETOMETER SYSTEM OPERATION STEPS



WHEN THE DEVICE FINDS A CAVITY



WHEN THE DEVICE FINDS A METAL



- 1- Hold the device as in the chart
- 2- Start the search by moving the device left and right Between 180 degrees.
- 3- When a target exists within your 180 degrees of search the indicator will Start to show up, then you slow down the search to pinpoint the exact path Towards the target.
- 4- When you determine the target point you should do the search from for direction to conform the target



## 4- THE 3D IMAGING SEARCH SYSTEM



The 3D IMAGING System Components

This system specializes to cover under the sensor directly and locate the target within its exact location and shape and size up to depths of 40 meters below the surface of the ground

Using conditions of the ionic search System:

This system works on underground caves and buried metals for long time because this system

can detect the magnetic fields that form around the buried metals after been under the ground for a few years at least.

# THE 3D IMAGING SYSTEM PARTS CONNECTION

## STEP 1

CONNECT THE HANDLE OF THE DEVICE



## STEP 2

CONNECT THE 3D SENSOR HANDLE TO THE DEVICE



# THE 3D IMAGING SYSTEM PARTS CONNECTION

## STEP 3

CONNECT THE 3D SENSOR TO THE SENSOR HANDEL



## STEP 4

INSTALL THE TABLET STANDER ON THE DEVICE HANDEL



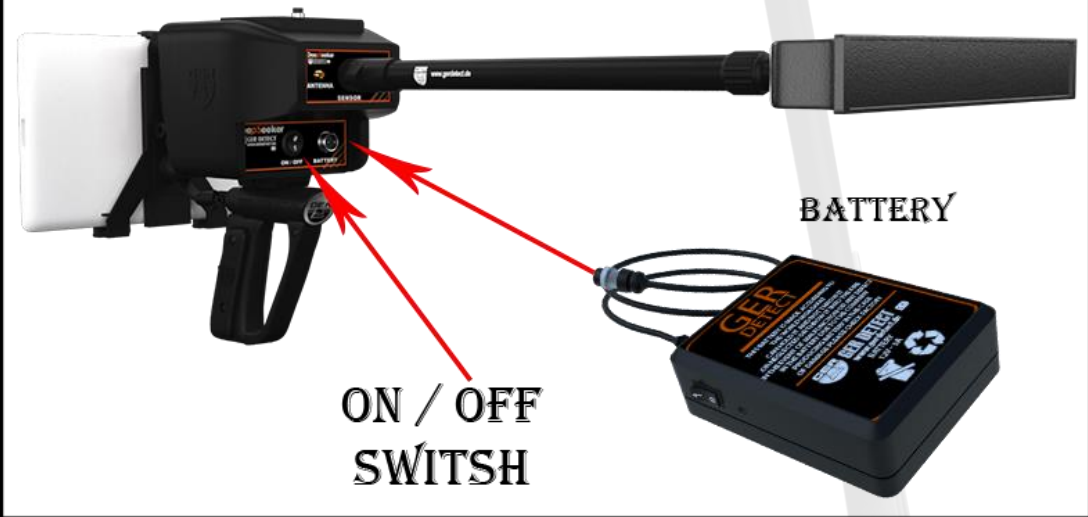
# THE 3D IMAGING SYSTEM PARTS CONNECTION

## STEP 5

INSTALL THE TABLET  
ON THE TABLET STANDER



## STEP 6





# THE 3D IMAGING SYSTEM OPERATION STEPS



select the search language  
(for example, English)

select the search system  
(for example, 3D IMAGING system)



Then the search page will popup which  
You can start taking photo and display on  
The tablet and you can take the Capture by  
Pressing on the 3D button or on the 3D  
Icon on the corner of the screen



## THE 3D IMAGING SYSTEM COMMUNICATION &amp; SEARCH STEPS



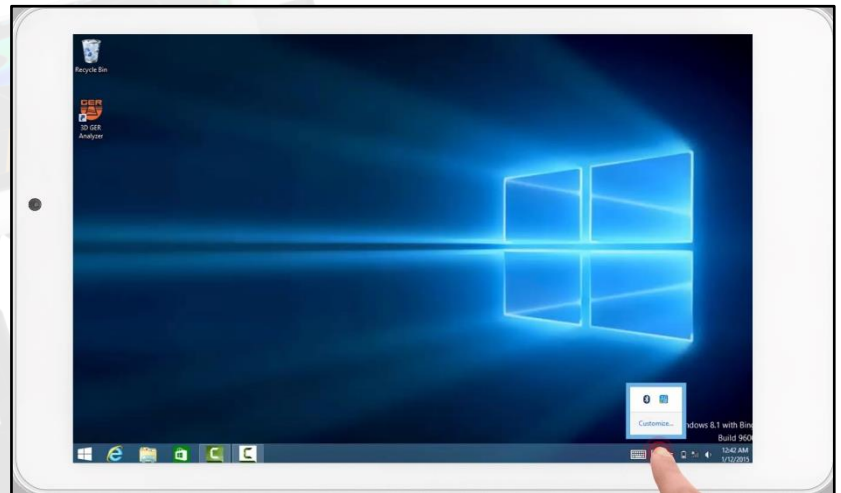
THE DEVICE COMMUNICATES WITH THE TABLET PROGRAM BY BLUETOOTH

NOTE:

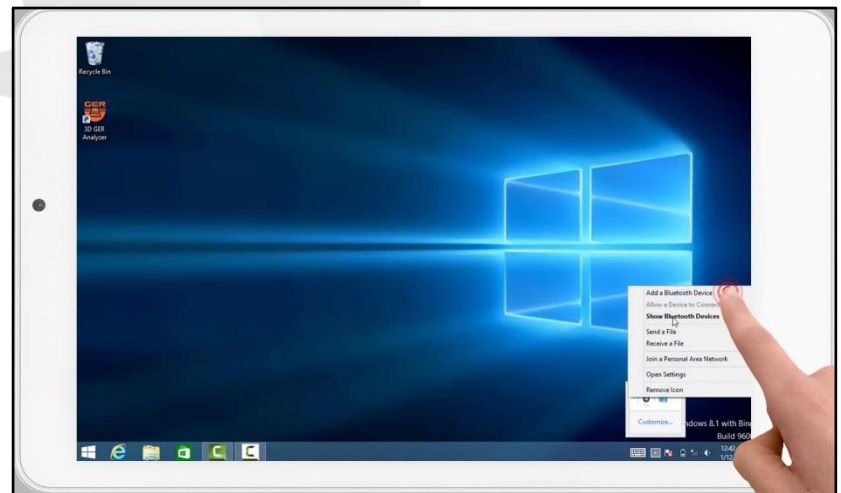
- 1- The 3D program works on windows tablet 8.1
- 2- The tablets which comes with the device is active and ready to work
- 3- The tablet is not under the guaranty
- 4- The password of the Bluetooth connection is (1000) standard
- 5- If the tablet it displays the device is connected than not connected, this means the device is connected and ready to work, but sometimes it shows not connected
- 6- To conform the connection, check the comports and if there is outgoing and incoming port this means its connected and works perfectly

## THE 3D IMAGING SYSTEM COMMUNICATION & SEARCH STEPS

- 1-Turn on the tablet device.
- 2-Then establish a connection between the main unit and the tablet by clicking on the Bluetooth icon located to the right of the taskbar.



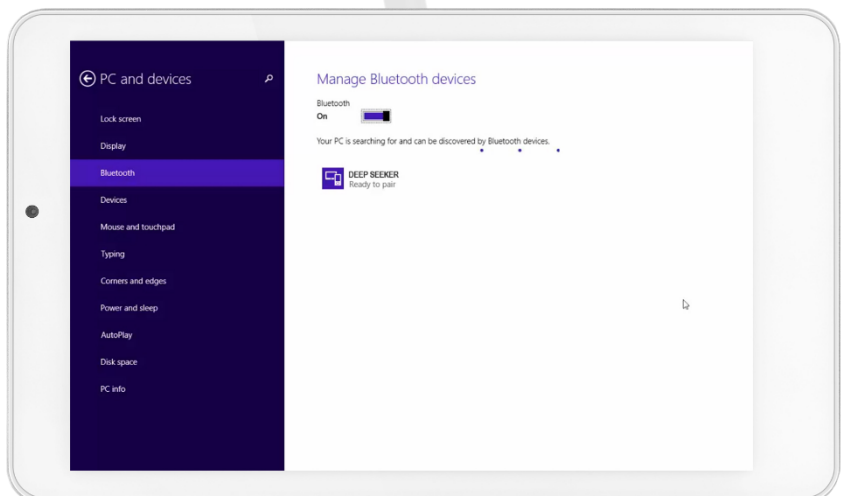
- 3-Select Add Bluetooth device.



- 4-Bluetooth will search for devices near your tablet.

- 5-Then the DEEP SEEKER Bluetooth will appear.

- 6-Click on it and then choose "pair"

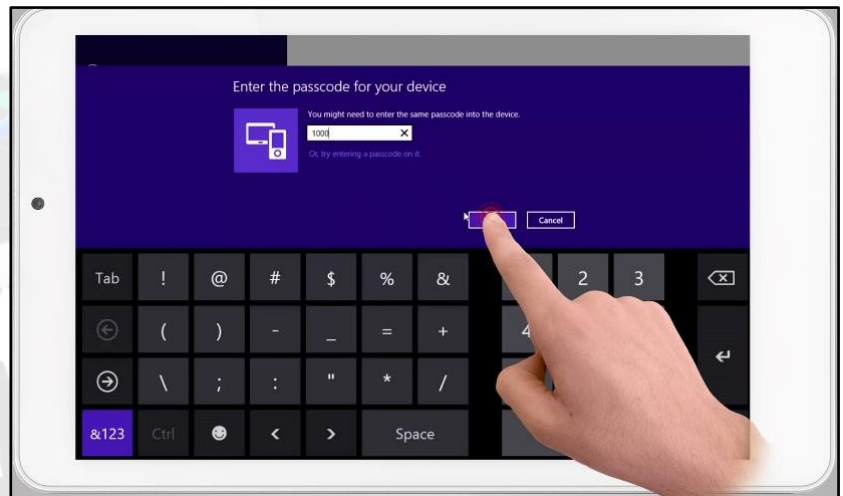




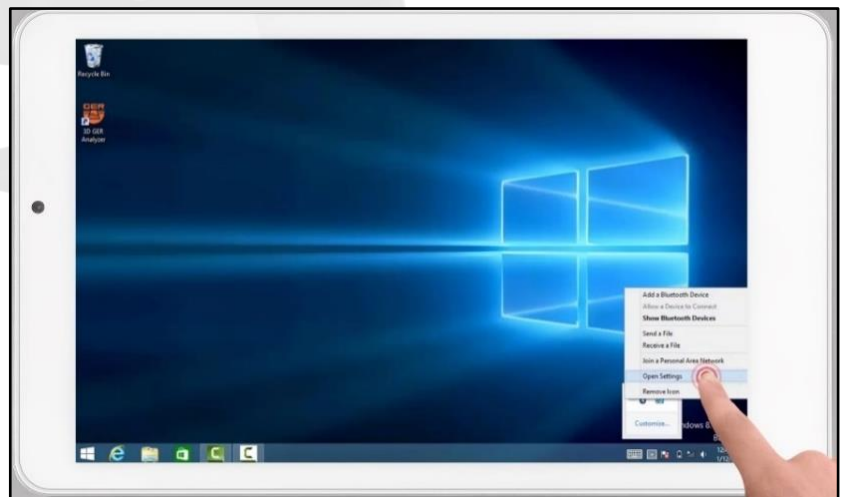
## THE 3D IMAGING SYSTEM COMMUNICATION & SEARCH STEPS

7-a window will appear to enter the password which is **“1000”**

8-Press the **NEXT** button to complete the pairing operation between the tablet and the main unit.



9-Click on the Bluetooth icon again and choose **“Open settings”**



10-The window for Bluetooth settings will appear.

11-Choose **“Com Ports”** to see the outgoing port number which will be used later in the analyzing program.



**NOTE:** REMEMBER THE OUTGOING COM PORT (**FOR EXAMPLE – COM 3**)

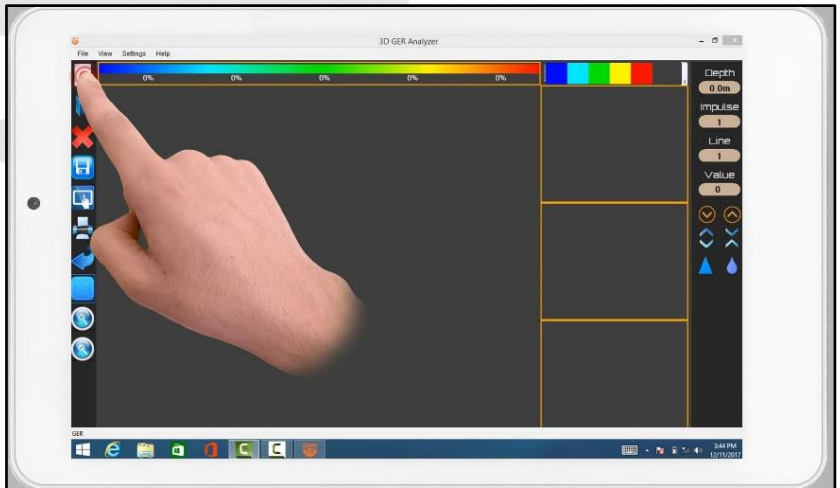


## THE 3D IMAGING SYSTEM COMMUNICATION & SEARCH STEPS

12- Close the window and run  
The 3D GER analyzer.



13-After opening the program click  
on the “New scan” icon a window  
for adjusting the settings of Imaging  
will appear, which is as follows:



**Choose device:** Select device name.

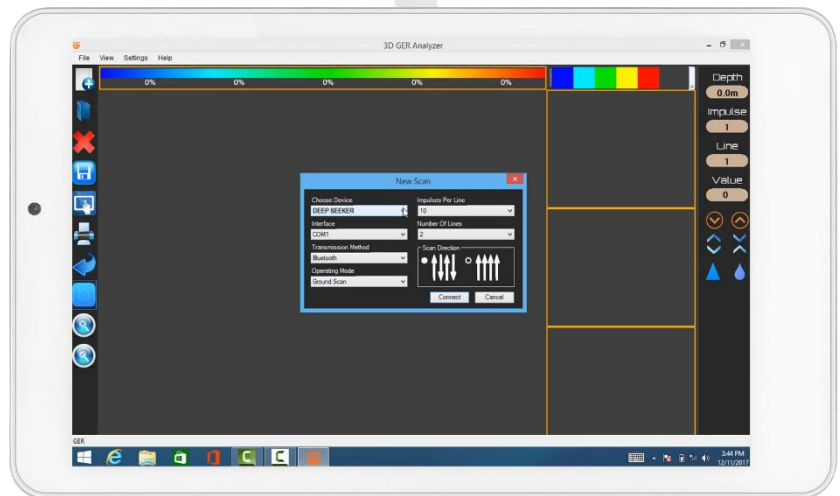
**Interface:** Enter the outgoing port  
number obtained from Bluetooth  
sittings already open.

**Transmission method:** Bluetooth.

**Impulses per line:** is designed to  
determine the number of images  
within a single line.

**Number of lines:** to determine the  
number of lines to search for.

**Scan Direction:** is to select the  
scanning method during imaging,

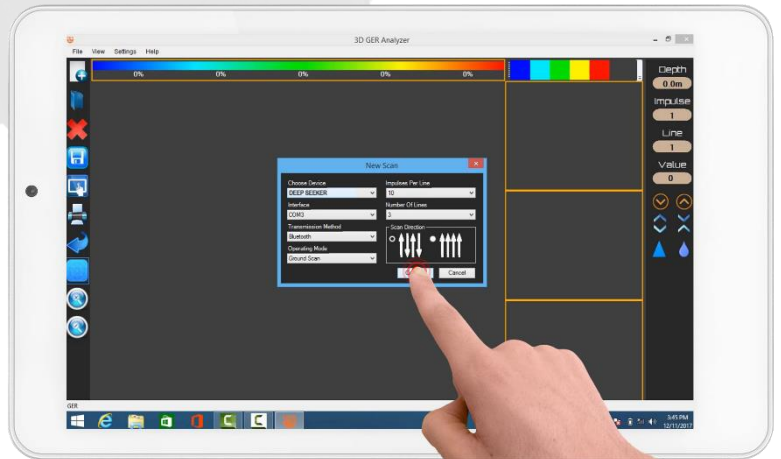


# THE 3D IMAGING SYSTEM COMMUNICATION & SEARCH STEPS

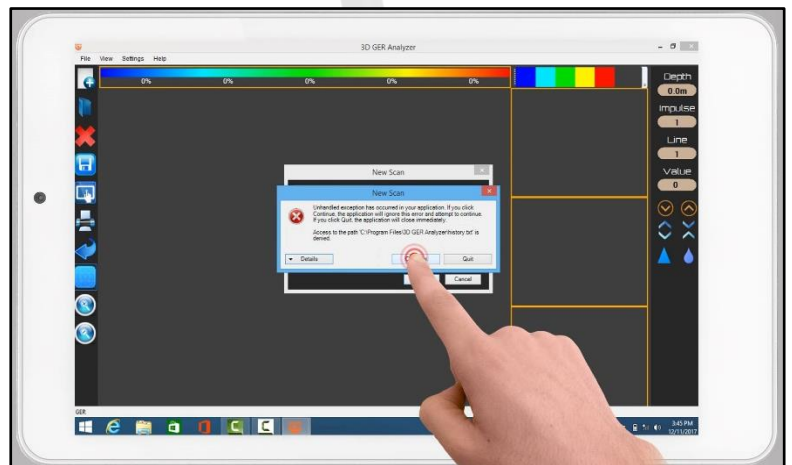


There are two methods for scanning either scan in one direction or two-way scanning, back and forth

14- Click on **“Connect”** to complete the connection process.



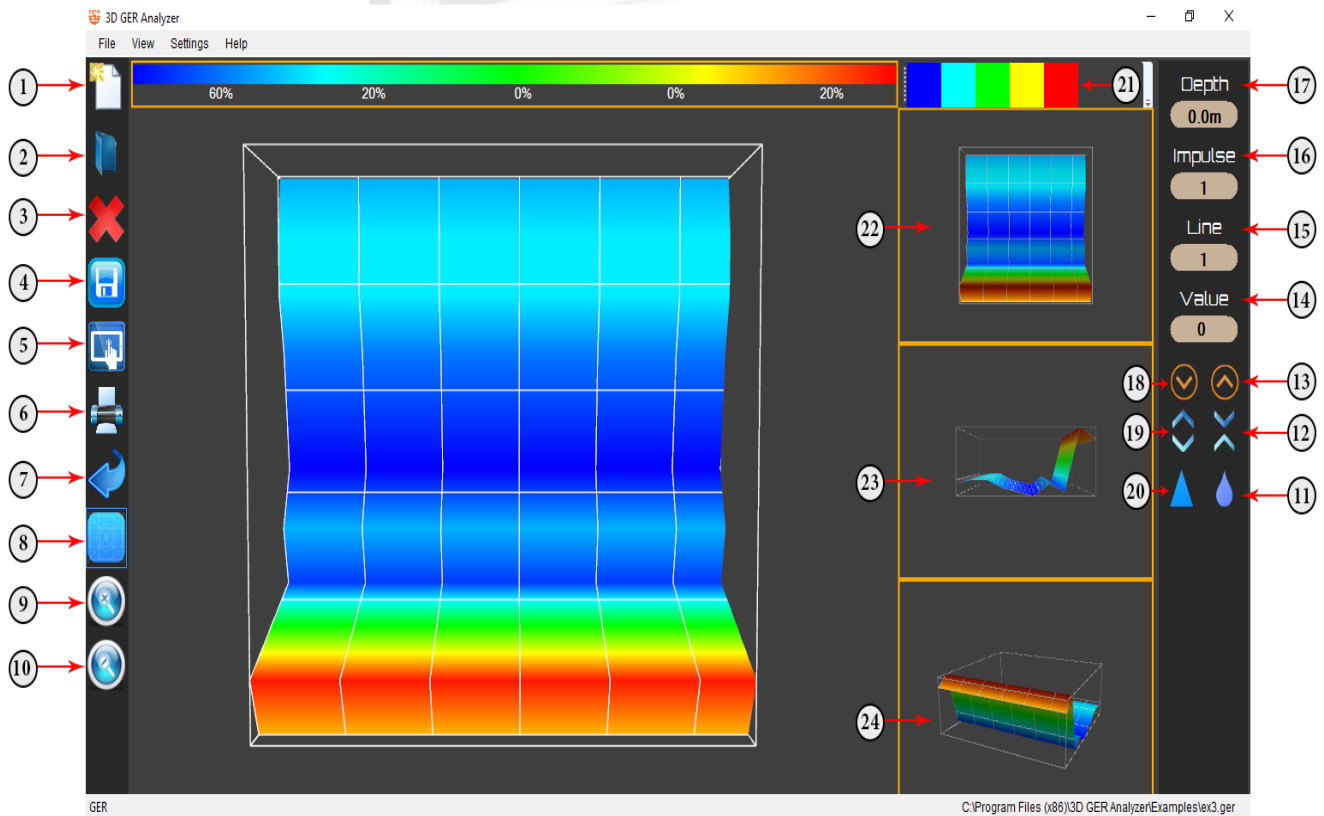
15- A warning message will appear, press **“continue”**.



# THE 3D IMAGING SYSTEM COMMUNICATION & SEARCH STEPS

After scanning is complete, we will have a three-dimensional image which is up of a grid of squares reflecting the number of steps and lines that have been scanned.

Example: We have a grid of lines consisting of three columns and ten steps per column, which means three lines of scan, and each line consists of ten images captured.



For example, in the previous picture, the cavity represents 60%, soil represents 0%, minerals represent 20%, rocks are 0%, and mineral salts are 20%.

## Color description

The photo divides into five colors as follows:

**Red:** It represents different kinds of metals.

**Green:** It represents the soil.

**Yellow:** He is a rock and all solids and low frequencies Minerals.

**Light blue:** the color of the rocks surrounding cavities.

**Blue:** represents the cavity.

## THE 3D IMAGING SYSTEM COMMUNICATION & SEARCH STEPS

NO	Explaining: For detailed information for a specific point within any square
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 being before you start analyzing
8	To hide and appear the grid which Represent the number of photos
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, 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	These 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



## THE DEVICE PARTS AND ACCESSORIES



**SAFTY BOX**



**MAIN UNITE**



**3D & MAGNETOMETER  
SENSOR**



**MAIN UNITE HANDE**

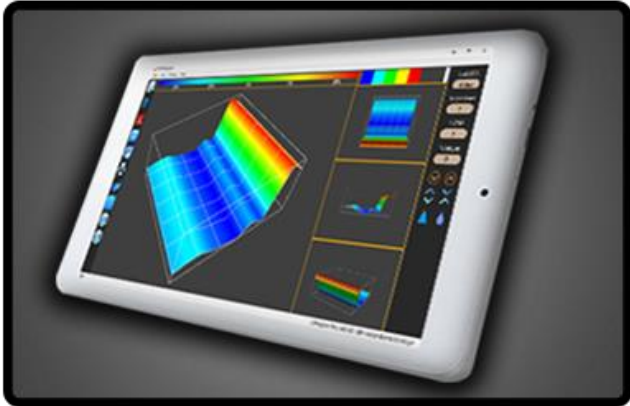
# THE DEVICE PARTS AND ACCESSORIES



**SENSOR HOLDER**



**BATTERY**

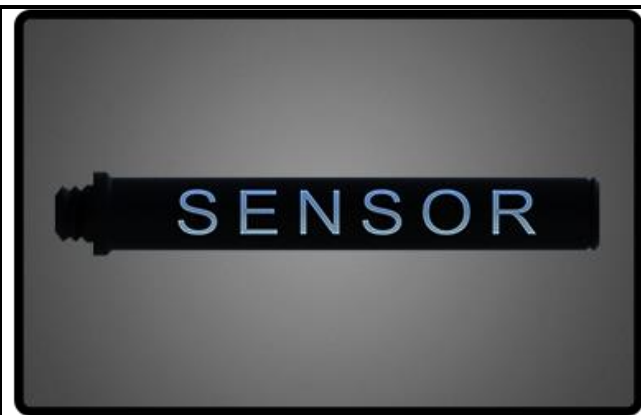


**TABLET PC**

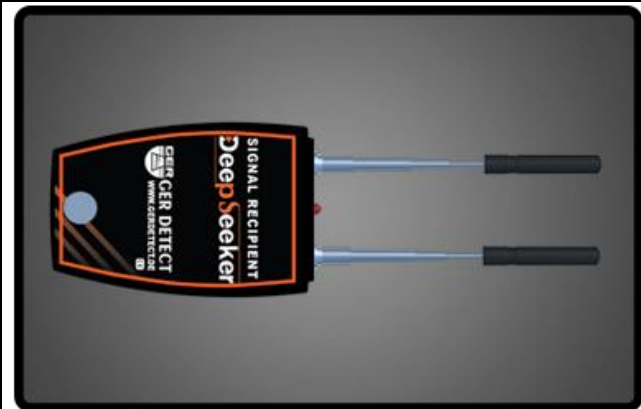


**TABLET STANDER**

# THE DEVICE PARTS AND ACCESSORIES



**DESPATCH SENSOR**



**SIGNAL RECIPIENT**



**LONG RANGE ANTENNAS**



**CHARGER**

# DeepSeeker



**GER DETECT**  
**WWW.GERDETECT.DE**



**UIG DETECTORS**  
**WWW.UIGDETECTORS.COM**