



GROUND EXPERIMENTALL DETEKTOR

USER'S GUIDE





CONGRATULATIONS!

We congratulate you on your purchase of the DRS GroundExper, the world's most advanced treasure hunting metal detector. You can safely and effectively use your GroundExper for all kinds of underground metal searches. By carefully reading, fully understanding and following the operating instructions contained within this guide, you will greatly increase your chances for successful treasure hunts.

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SAFETY INFORMATION

SAFETY INFORMATION

- 1. This detector is designed and intended for civilian use and is not intended to be used for military applications.
- 2. This detector operates properly with only original DRS GroundExper accessories. The detector may be damaged by use of non-original accessories or by the use of non-original batteries.
- 3. Operating temperature range is 32° to 100° F. Do not operate outside this temperature range.
- 4. Do not store the detector or the tablet PC in a humid environment.
- 5. This detector should not be exposed to rain, hail, snow and/or frost.
- 6. This detector and accessories are partially made from recycled materials, and at the end of its' life all parts should be recycled again.
- 7. Authorized DRS repair facilities should make any necessary repairs. Any unauthorized repairs will void the DRS factory warranty.
- 8. This detector's technical specifications and recycling information are included in this guide. DRS Electronics is not responsible for any loss or damage that may arise as a result of not following the precautions contained within this guide.

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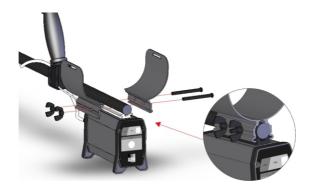
- 1. GroundExper main unit.
- 2. Tablet PC.
- 3. Tablet PC charger.
- 4. Lithium ion battery.
- 5. Lithium ion battery charger.
- 6. The detector assembly and carrying handle.
- 7. Small and medium-sized coil extension bar.
- 8. Tablet PC and detector connection cable.
- 9. Battery and detector connection cable.
- 10. Armrest
- 11. Nylon wing nuts and screws
- 12. Stereo headphones.
- 13. Battery carrying vest.
- 14. Medium-sized coil.
- 15. Small-sized coil.
- 16. Large-sized coil.
- 17. Carrying case.
- 18. OTG cable.



Before using your detector, you should full charge the detector battery and the tablet PC battery for twelve hours.

The following shows the DRS GroundExper parts to be assembled.

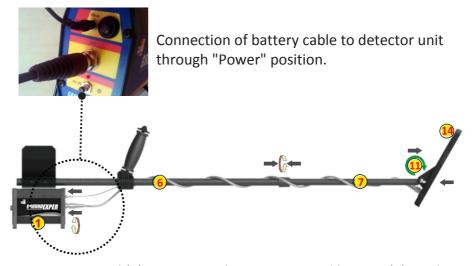




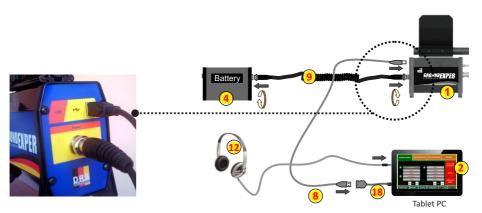
Mount the armrest (10) to the carrying handle (6) using the nylon wing nut and bolts. The detector unit (1) mounts under the armrest by sliding the unit into place and tightening the butterfly nuts.

Assembly 4

On the detector arm assembly (6), insert extension rod (7) to desired length. Turn gnarled knob clockwise to tighten. Attach the desired oblong search coil (14) to the end of the extension rod utilizing a nylon bolt and wing nut (11) and tighten. Wrap search coil cable around the carrying handle, insert the cable plug into the detector unit and tighten the chrome nut.



Use power cord (9) to connect detector unit and battery (4). Tighten chrome nuts. Connect USB cable (8) to OTG cable (18). Connect these joined cables to the detector unit and the tablet PC.





The battery should be inserted into the pouch at the rear of the carrying harness and connected to the detector unit.

Detector is now ready for use.

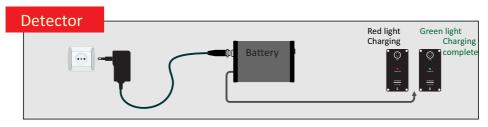


When not in use, the battery cord should be disconnected from the battery to prevent continuous battery drain.

wing nut

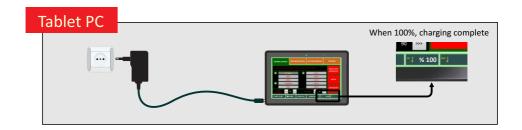
Charging the batteries

Before using the system, you should fully charge the detector unit and the tablet PC batteries. Wiring layout for batteries charging is as follows:



To charge the detector battery:

Plug the detector battery charger into a wall outlet, connect the other end to the detector battery and tighten the fittings. A completely discharged detector battery will require about ten hours charging time. While charging, the LED will be red. When charging is complete, the LED changes to green.



To charge the tablet PC battery:

Plug the tablet PC charger into a wall outlet and connect the other end to the tablet PC battery slot. A completely discharged battery will require about three hours to charge. If the computer is in use during charging, the charging period may be four hours. The tablet PC may be turned on and/or off during charging. When charging is complete, the battery charge meter shows 100%.

Computer start-up

If connected to tablet PC, disconnect the USB cable (8) and the OTG cable (18).



Press and hold the on/off key for about four seconds and release. Wait for about one minute for the tablet PC to boot up.

It may take a minute to open the Tablet PC completely.



Once the open screen appears, swipe the screen icon to open.



Turn on the detector unit and wait for an intermittent blinking red light.



Connect the USB(8) cable to the OTG(18) cable.



The DRS GroundExper software will automatically open when the detector unit is connected to the tablet PC. If the tablet PC is shut down for any reason, repeat the cable disconnect process to restart the program.

If you wish to leave the GroundExper program to use other tablet PC features, click SETTINGS, then TURN OFF THE SYSTEM. Tap the Ground Exper icon on the start page to return to GroundExper. While the GroundExper software is open, it continually checks for proper connections to the computer and search coil. Once connections are complete, the detector is ready to begin search operations.

For possible problems, please consult the troubleshooting section.







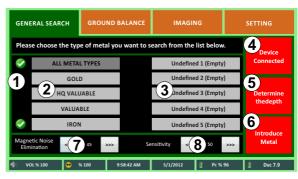
Software windows

The visual display includes four main information windows: GENERAL SEARCH, GROUND BALANCE, IMAGING and SETTINGS. In addition, each window includes an additional information bar at the bottom of the screen. Information about each of these windows is provided in the following pages:

GENERAL SEARCH	GROUND BALANCE	IMAGING	SETTINGS
Page 9	Page 10	Page 11	Page 12
Page 19	Page 17	Page 27	

General search

This is the main screen used search and identification applications. Many functions are included in this window such as metal search selection, search precision adjustments, metal identification, depth measurement and the connection status of the coil and battery pack.



- This symbol indicates the metal type selected for search. Touch the screen area for the metal type desired for search. If metal type(s) is not selected, this symbol does not appear.
- This is the metals selection list. In this section, the metal types are fixed and cannot be changed. The selection list includes ALL METAL TYPES, GOLD, HQ VALUABLE, VALUABLE and IRON. When GOLD, HQ VALUABLE, AND VALUABLE metals are selected, IRON is not included and will be excluded from searches. Conversely, when only IRON is selected, all precious metals are excluded from searches.
- (3) This list includes five options for metals to be introduced and named by the operator. Metals introduced in this area may be later changed or deleted by the operator. See page 24 for additional information.
- This section shows the connection status between the PC and the detector unit. When connection is established, "Device Connected" appears. When disconnection occurs, "Device Not Connected" appears.
- **5** Touch and open the "**Determine the depth**" bar to calculate the approximate depth of the detected metal.
- (6) Introduce Metal. This bar opens a section allowing the introduction of special metals and sizes for specific searches. For example, an earring may be introduced to find a lost one of a pair. See page 24 for additional information.

- Magnetic Noise Elimination. These keys provide adjustment of search signals to compensate for electromagnet interference, i.e. power lines, cell towers, etc.
- (8) The **Sensitivity** key allows the operator to adjust the depth at which the search is conducted. In areas of heavy trash influence near the surface, the negative effects of this trash can be eliminated by adjusting the sensitivity. The standard value of 80 is recommended for most searches. See page 23 for additional information.

Ground balance

The Ground Balance function is used to optimize your search by proper calibration of the detector to soil conditions. This process occurs automatically to eliminate the effects of mineralized soils. To initiate Ground Balance, hold the



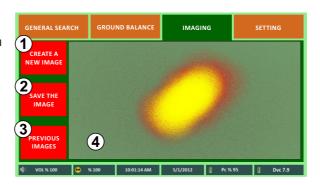
search coil approximately two inches from the surface, press Ground Balance on the main screen and again on the right side of secondary screen that pops up. Hold the coil parallel to the ground and move the coil backand-forth a few inches during this process. Ground Balance, properly performed, is extremely important to search success. Ground Balance can be performed as called for by changing ground conditions encountered during search operations

- (1) Touch **Ground Balance** bar to initiate the process.
- This area shows soil conditions encountered during the **Ground Balance** process. See Page 17 for additional information.

- "Load the factory setting" bar is used before soil structure information is placed in the detector's memory by the Ground Balance procedure described above. Once "The factory setting is loaded" message is displayed, proceed with precise Ground Balance as described above.
- This section displays information about soil mineral density or the presence of metals below the search coil. If the "Load factory setting" Ground Balance fails to complete at a particular spot, move to a nearby spot and try again. Later, return to the failed spot for further analysis as a metal object may be present there.

Imaging

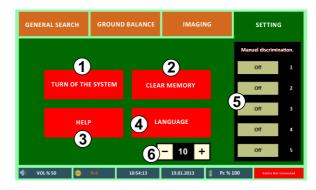
In this section of the GroundExper software, you can create a visual image of the shape of the metal object identified underground. Open the IMAGING section of the main screen and follow these steps:



- 1 Touch "CREATE A NEW IMAGE"---for more information see page 27.
- (2) "SAVE IMAGE" bar saves the image on image screen 4.
- Saved images may be later found by touching the "PREVIOUS IMAGE" bar. See Page 30 for additional information.
- Visual image of underground metal object.

<u>Setting</u>

In the **Settings** area, you can turn off the Ground Exper software, delete records and recorded images and select system languages.



1 This bar turns off the GroundExper system, but does not turn off the PC. You can close down the software by pressing "YES". DRS recommends turning off the detector first, then closing down the software.



The Clear Memory bar deletes the following: all special metals you have defined in the Introduce Metal section and all images saved in the IMAGING section.

Before confirming deletion with "YES", make sure you really want to delete defined metals and images.



The HELP bar opens a help window. The HELP window includes all the information contained in this User's Guide and is easy to navigate and understand

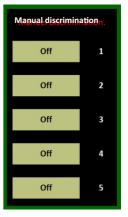
With the language bar, the operator may select one of many languages for communication with the GroundExper.

Select your language ↓
Deutsch.lng
English.lng
Russian.lng
Spanish.lng

Manual Discrimination (For testing purposes only) This procedure is used for elimination of the very misleading effects of aluminum foil, galvanized steel and nickel-containing metals.

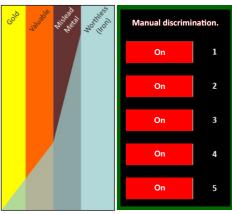
Attention:

For testing purposes only in areas where much underground trash is possible. Routine general search must be stopped during this exercise. Sometimes, for example, nickel-containing metals (including aluminum foil) produce a gold signal indication. This signal is worthless, so, let's try to understand it. Increasing the discrimination range (gradually moving from 1 to 5) decreases the ability to identify small gold values, but increases the elimination of the effects of worthless nickel-containing metals.



Use this operation only to verify that the signal received is a valuable metal and not one containing nickel. At level 5 all nickel effects are eliminated along with the ability to identify small gold items such as a small ring. Large gold items are unaffected by this testing procedure.

As shown in this illustration, increasing the value causes worthless metals to fall into the worthless and undetectable range. However, steps 4 and 5 create a risk of not detecting small gold and valuable metal items. If the large coil is in use, the "Settings can not be made with big search coil" message is displayed.



(6) Sensitivity setting of large search coil.

This setting only applies to the large (40"x40") search coil when it is in use. If you intend to walk at a fast pace, set a lower value and as you settle into a slower pace, increase the value. If after ground

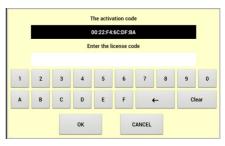


balance procedure is complete and you still note environmental background "noise", increase the value and move the head up and down until the noise ceases. Increasing the value requires slower-paced walking. If you move too fast at a high value, some metals may not be detected. If the value is too low to be affected by interference, it increases the likelihood of finding minor metals. The recommended setting is 400, but you can adjust this value based walking speed and electromagnetic interference conditions in the search area. Proper balance among walking speed, interference and sensitivity settings is essential to success with the large coil.

Software activation

When you first receive your GroundExper after purchase, software activation is not necessary as the PC is ready to operate. In some cases, reinstallation of the software may be necessary. If you need to reinstall the GroundExper software, see page 35 for software re-installation procedures.

When prompted to enter the activation code, enter the Software Serial Number shown on the back side of the PC and press OK. If you enter the wrong license code "License code is incorrect. Please contact your retailer" message is displayed. If you do not have the license code, contact your dealer for this information.







When the licence code is entered correctly, the license is checked and the software operates properly. The license code is not valid on any other PC. If you install the software on another computer, you must ask your dealer for a re-license code. Write down and save the license code for possible future use. Deletion or removal of the software does not affect the license code.

Information bar



Touch to open and adjust audio (1) volume. Setting range: 0-100%



Touch to open and adjust screen **2** brightness. Setting range: 0-100%



- These sections show date and time information and can only be **3 4**
- changed by entering the "Settings" section of the PC main screen.



These sections show PC and detector batteries charge levels. PC battery must be recharged when the battery charge reaches 5%, and below this level the PC may shut down. Normal charge level for the detector battery is between 7.2 and 8.2 volts. Below 7.2 volts, the detector battery should be recharged.

IMAGING

tory setting" button to

ANCE button

Load the

factory setting

GROUND

BALANCE

132

Dvc 7.6

Pc % 39

Using the **GroundExper**

Ground balance

The detector must be ground balanced as a first step before search begins.

Open the GroundExper software on the PC. Raise the search coil, in a position parallel to the ground, about two inches above the ground. Press GROUND BALANCE bar at the top of the main GroundExper page to open the GROUND BALANCE page.

Press the GROUND BALANCE bar on the right side and begin a 2" to 4" back-and-forth movement of the coil until a number appears below the right hand GROUND BALANCE bar.

Soil calibration completes in a short time.

If the soil mineral density is in the normal range of 100-200, the screen will automatically switch to the GENERAL SEARCH screen and detection can begin.

Usually, ground balance does not need to be repeated in a search area, unless the operator perceives a change in soil conditions.

Any time the operator adjusts the Magnetic Noise Elimination or Sensitivity settings, the ground balance function must be repeated.

In summary, Ground Balance must be conducted:

- 1. At the beginning of GroundExper startup.
- 2. When a mineral density of over 200 is encountered.
- 3. When large area searches are conducted with varying soil conditions.
- 4. When adjustments are made to Magnetic Noise Elimination.
- 5. When adjustments are made to **Sensitivity.**

Soil mineral density

If the soil mineral density of your search

area is in the range of 100 to 180, the search area is a viable and ready to immediately begin searching.

If a mineral density of over 180 is



encountered when attempting ground balance at a particular spot, you may be directly over a metallic object underground. Move the detector coil to a nearby spot and repeat ground balance procedures. If a value below 180 is then encountered, return to high reading spot for further analysis and possible digging after the detector identifies the type of metal below the surface.

Ground balance factory setting



The need to return to factory settings is not usually required. In large search areas and in soils with many varying mineral densities, some mathematical values accumulated in the system may need to be deleted and return the system to "clean" factory setting values. After restoring factory setting, the ground balance procedure must be completed again to allow for continued searching.

Using the GroundExper

General search

GENERAL SEARCH is the main screen where all search and detection work is conducted.



Tablet PC and **Detector**---run **GroundExper software**.

Once ground balance has been completed, the **GENERAL SEARCH** screen is opened and "Device Connected" appears on the right side, search and detection operations can begin.

First, select the type of metal for which you search



This section includes generally known metals and are the objectives of most searches. The metal types in this section are fixed and cannot be changed.

Using the **GroundExper**

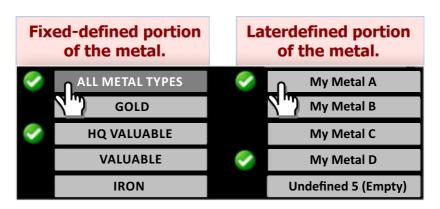
The operator may search for a single metal type or for up to four non-iron classifications at once. The possible combinations are shown below:

All Metals
All Metals + Gold
All Metals + Gold + HQ Valuable
All Metals + Gold + HQ Valuable + Valuable
Metals

You can also select them all at the same time or you can select them individually.



When the operator selects **IRON**, other valuable metals will be excluded or IRON may be included in a selection along with **ALL METALS**.

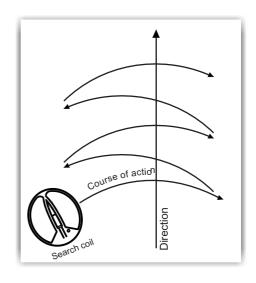


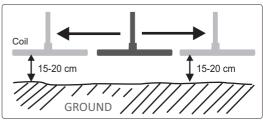
On the right hand side, the operator may introduce a desired and precisely defined search objective. Maybe a gold coin has been lost out of a collection of similar gold coins. The metallic signature of similar coin, still in possession, can be introduced to the system to allow the operator to find the lost coin with great precision. Five different specific metal targets may be defined and introduced to the GroundExper software. The procedure for metal introduction is as follows: select ALL METALS only, pass the detector coil over the desired object, receive a signal, touch "Undefined 1" to log it in with a name you supply for the object such as "Coin". Repeat this procedure for additional selected items for up to five in total.

After selecting the type or types of metals for your search from the General Search screen, determine your direction of travel. The coil is advanced over the search area in a spring shape as shown in this figure. Advance with a slow walking speed with each coil sweep slightly overlapping the previous sweep so as to ensure complete ground coverage. Complete coverage of the search area is important so no potential metal-containing spot is be missed.

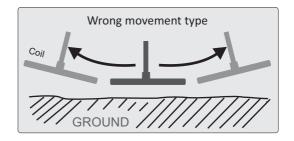
Progressing in a slow walking speed is recommended.

During scans, keep the coil between 6" and 8" from and parallel at all times to the surface. Small up and down movements of the coil does not affect ground balance, but significantly raising of the coil may reduce effective detection range.





Do not swing the coil in an arc as shown in this illustration as detection effectiveness can be significantly reduced. Sweep the coil parallel to the ground about 6" to 8" above the ground.



Metal detection.

Determine the depth.

Metal detection

Any metal detected during the scan process will create audio and visual signals.

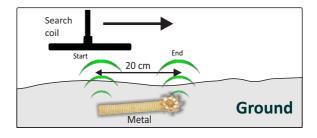
When a metal is detected, the metal type(s) previously selected by the operator will illuminate in the General Search screen and an audio signal will be received.



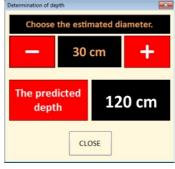
Determine the depth

When a detection signal is received, it is possible to determine the depth of the metal object. To determine depth, pass the coil back-andforth over the detection spot noting the distance between the inner and outer edges of the coil where the signal begins and ends.

Press the **Determine the depth** bar and enter the measurement value determined in the step above by pressing the + or - keys until your determined value is reached. The **predicted depth** of the object is instantly shown.







Sensitivity.

Magnetic Noise Elimination.

Sensitivity

The sensitivity setting determines the detector's search depth and ability to discriminate. Search areas that are clean



and not contaminated with metallic waste, usually do not require adjustment of Sensitivity from the factory setting of 80.

Increasing the value => Increases search depth but slightly reduces the ability to discriminate between some metals.

Decreasing the value => decreases the search depth, but slightly increases the ability to discriminate between metals.

Setting range: 0 - 100

Magnetic Noise Elimination

The GroundExper operates through the analysis of electromagnetic waves and can be affected by many devices that produce



magnetic fields such as mobile phones, overhead power lines and other nearby electrical devices.

The standard setting for magnetic noise elimination is 80. Increasing the value slightly increases search depth, but can increase negative effects of magnetic interference. Above a value of 90, metal discrimination may be reduced. Decreasing the value below 80, reduces the effects of external magnetic noise and detection depth is slightly reduced. Discrimination capability improves below the factory setting of 80. If you think you have intermittent false signals, reduce the value slightly until the false signals disappear.

Setting range: 0 - 100

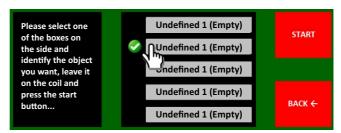
Using the GroundExper

Metals introduction

One of the most important features of the GroundExper is the ability to introduce specific metals to be found in subsequent search operations. In this section, any metal can be introduced to the GroundExper software. To start the metal introduction process, touch **Introduce Metal** bar in the GroundExper software.



The General Search screens turns into the metal introduction screen. On the left side are five sections to define the general metal type to be introduced. Select a



category that generally defines the metal you wish to introduce. For example, a gold ring would be entered under "Gold".

Metal identification process can be accomplished in two ways.

The first method is to place the object in a fixed position and move the coil over the object, while the second method is to place the coil in a fixed position and move the object over the coil. Choose the method that best fits your circumstances.

IMPORTANT:

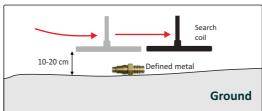
Be absolutely sure the area surrounding the item to-be-introduced is free of other metals, such as nails in a table on which the object is placed. The distance from the to-be-introduced item from the coil is also important---for small objects, space about four inches away from coil, about six inches for medium sized objects and about eight inches away from the coil for large objects. Introduction of any object too close to the coil will affect the ability of the GroundExper to properly identify the same object once actual search begins.

Using the **GroundExper**

Metal introduction method 1

Place the metal object you want to introduce on spot on the ground without other metals nearby. Press **START** and pass the coil over the metal (at the proper distance above the object as specified on the previous page) at normal search speed. The coil should not stop over the object during this procedure.. **"PLEASE WAIT"** will appear while the GroundExper completes the identification process.



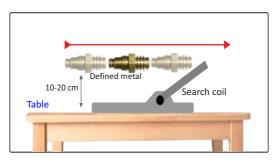




Metal introduction method 2

Place the coil on a metal-free table or on a metal-free spot on the ground. Press **START** and pass the metal over the coil using a normal search speed. The metal should not be stopped over the coil **"PLEASE WAIT"** will appear while the GroundExper completes the identification process.







Once the metal identification process is complete, a keyboard pops up to allow naming the newly defined metal. Capital and lower case letters are available through use of "CAPS LOCK". Upon completion of name, press "ENTER" as a final step.



To add another metal, select the next available "Undefined" area and repeat the above process.

You may over-write any selection by process repetition and the entry of new name information.



To turn off the Introduce Metal window, use BACK key.



Imaging

During search operations, when you receive a strong audio and visual signal of a potentially important find, you can create an approximate image of the underground object. To accomplish this, enter the **IMAGING** section.

Key descriptions:

Create a new image: used to start an new imaging procedure or to clear the screen of a previous image

Save the image: used to save images generated.



Previous Images: opens a previously saved image.

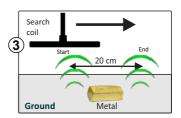
To create the image;

Move the coil to the point where a signal begins.

- (1) Press the Create New Image bar on the screen.
- **2** Press and hold the image creating button on the detector handle or on the end of the detector near the on/off switch.
- The coil is passed slowly from the point of initial signal to the point where the signal ends. Hold the button down during this step, from beginning of signal to end of signal.

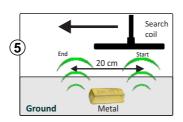






- Remove your finger from the button at the point where the signal ends. Press it again in preparation for another pass.
- The coil is passed again slowly from beginning of signal to end of signal, while holding down the button from beginning to end of signal.





While the coil is moved across the signal region, your finger must remain on the handle button the whole duration of signal reception.

At the end of the signal, release the button and press again for additional coil passes until the image appears on the screen.

The image will appear on the screen after 4 complete coil passing and button pressing iterations.

After each successful coil pass, the bar moves 1/4 the total distance. Once the bar is completely filled, the process is complete and the image appears on the screen.



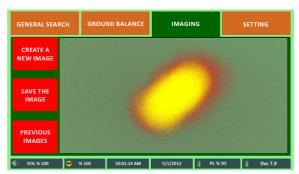


Using the **GroundExper**

If the required data is not received for proper image display after completion of all the necessary steps outlined on the previous page, the "Could not get the required data" message will be displayed on the screen. If this message is received, repeat the whole process from a different direction.

After successful completion of the required steps, the image will appear on the screen.

For later examination of the image, touch "Save The Image". Clear the screen to add a new image by pressing "Create A New Image".



Save the image

The generated image can be saved and a descriptive note can be added for later presentation or analysis.

To do this, press SAVE THE IMAGE bar, pres YES to save and YES to add a note and a keyboard will pop-up. Press ENTER to complete the process.



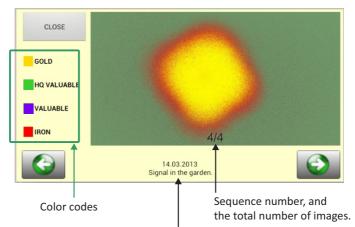
It is not possible within GroundExper to delete saved individual images. To delete all accumulated images, use the CLEAR MEMORY bar in the SETTINGS window.

Look at the saved pictures (Previous Images)

To view previously saved images, press PREVIOUS IMAGES.

PREVIOUS IMAGES

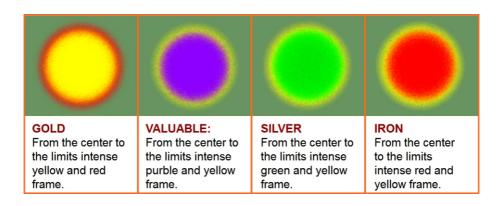
All images are saved in chronological order.



Date and note added to image.

Interpreting images:

Within the generated images, the type of metal encountered is indicated by color combinations as follows:



Resolving problems with GroundExper

If you encounter problems with your GroundExper, please try the following solutions:



"Incomplete connection between detector and PC".

When you startup the GroundExper software and receive a "Device Not Connected" message, please check the USB cable connection between the detector and the PC. Disconnect and reconnect the cable at both ends, exit the GroudExper software and restart. Confirm strong battery charge on both detector and PC.





"Search coil is not plugged!...Please connect the coil plug and press OK".

Be sure the coil plug is properly inserted into the detector socket.

Remove the plug, re-insert the plug and re-tighten

If you continue to receive the same message, turn off the PC and detector and re-initiate the normal start-up procedure. If the same message still continues, please contact your dealer or the Technical Services Department of DRS.

Search coil is not plugged!
Search coil is attached, please check
the cable connection. Do not use any other
device, the search coil. If the original
search coil although it is installed,
you receive this message.
Please contact the service.

OK CANCEL



"Search coil is defective"

Remove and re-insert the coil plug into the detector socket and tighten nut. Turn the PC off, then on again. If you try another coil for function and it operates properly, then the first coil or its' cable is likely to be damaged and should be replaced. If neither coil operates properly and the same message continues, please contact your dealer or the Technical Services Department of DRS.





Computer and detector connection frequently interrupted.

If the computer-to-detector connection is interrupted the "Device Not Connected" message appears on the GENERAL SEARCH screen (Figure 1). Check the able connections. Try disconnecting and reconnecting the cable and tightening the nuts firmly.



When a complete connection is made "**Device Connected**" message will appear (Figure 2).



If the problem persists, try a spare USB cable. If the problem is still unresolved, please contact your dealer or the Technical Services Department of DRS.



During search operations, the computer suddenly shuts down and does not re-open or the detector suddenly shuts down and does not re-start.

If the computer or the detector shuts down during use, low battery charges are the most likely cause. Before each use, detector and PC batteries should be fully charged. During search operations, the battery conditions should be periodically checked for charge condition and re-charged if indicated.



Battery condition may be monitored via the bar a the bottom of any GroundExper page.



Detector audio signal is too low or too loud

Detector signal volume may be adjusted by touching "VOL" in lower left of any GroundExper screen.



A dialog box opens allowing for upward or downward volume adjustment

Setting range: 0 - 100



Resolving problems with GroundExper PC software



The software bar does not respond on the PC start-up page or the software is locked-up and does not respond at all.

If GroundExper program does not respond, press the BACK key, wait for a while, disconnect the USB cable from the PC, re-connect and try to start-up the program again.



If this problem continues, shut-down the PC by holding down the power button for 10 seconds, then re-start the PC by holding down the power button for 5 seconds.





Although the software opens, PC fails to recognize the detector.

When you start the GroundExper software, "Device Not Connected" message appears. Check the USB cable connection between the PC and the detector.

Device Not Connected Disconnect and re-connect the cable on both ends. Shut down GroundExper software and start-up again. Verify battery charge condition of detector.

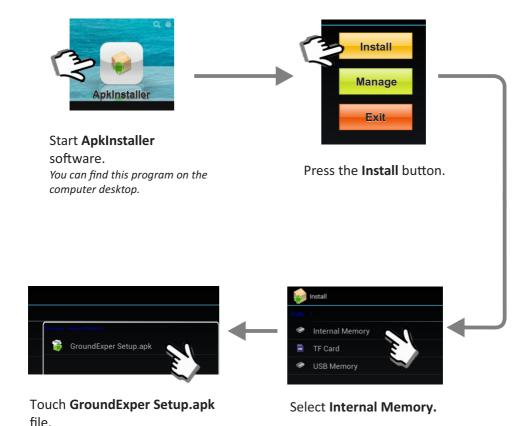


Although the computer is on, the GroundExper software does not open.

GroundExper desktop icon has disappeared.

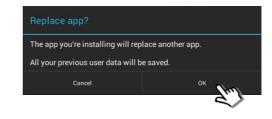
The software recently presented errors in operation.

To correct these types of problems, re-install the GroundExper software



Cancel

Please confirm GroundExper installation---press **OK** bar



Press Install bar. Press Done bar.



Close the **Apkinstaller** software.



Screen brightness adjustment.

The computer screen brightness level is controlled automatically by adjusting to ambient light levels. If you want to manually set brightness levels, turn off automatic brightness function as shown below:



- 1. Tap the bottom right of the computer screen.
- 2. Tap the **Settings** icon.
- 3. Choose auto or manual.

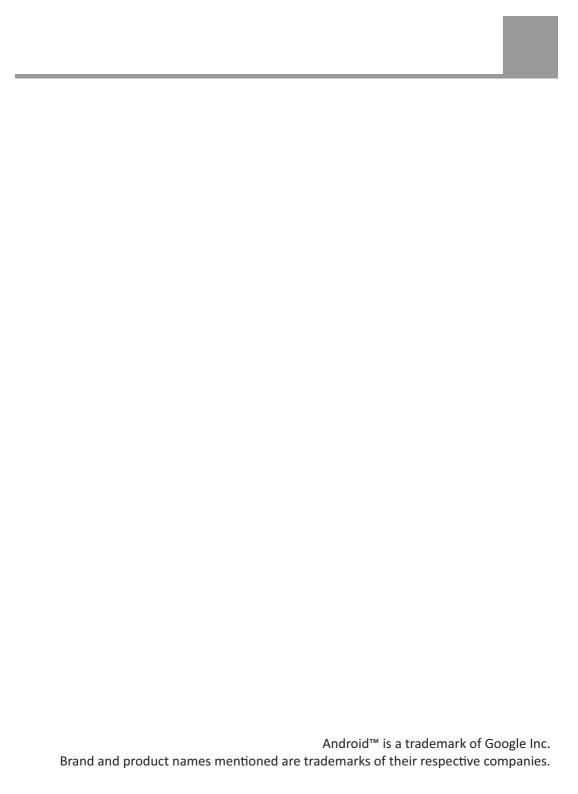


Open



The software asks for a password to open.

Please read page 14 for the password procedures.





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Local dealer:		