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Discovery 4-Inch Coil System



Owner's Manual

Please read before using this equipment.

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Features

Your new Discovery 4-Inch Coil System was designed for use with your RadioShack Cat. No. 63-3011, 63-3012, 63-3007, or 63-3015 metal detector. The coil is highly sensitive and offers superior performance when hunting for smaller objects that are not buried too deeply, such as gold nuggets or small pieces of jewelry. The coil makes your detector more versatile while making your hunting pursuits more successful.

Its features include:

Light Weight — for ease of use.

Compact Size — you can use the coil in tight spaces where other coils will not fit.

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Water Resistant — you can use the coil in wet environments such as a beach or in dewy grass.

ABOUT YOUR COIL

Your 4-Inch coil emits the same signals for different metals targeted as does the coil supplied with your detector. Each type of coil, including the coil that came with your detector, offers special capabilities. The coil you decide to use will be predetermined by where and what you will be targeting when in the field.

For example, if you are looking for deeply-buried large objects, a larger coil (which covers a wider and deeper area) will outperform your 4-inch coil. However, if you are looking for tiny objects that are not buried too deeply, the 4-inch coil outperforms larger coils. Since your 4-inch coil's smaller size gives it a narrower detection field, it detects precious metals more efficiently in heavily trashed areas.

Important: Follow the techniques and operation principles listed in your detector's Owner's Manual when using your 4-inch coil.

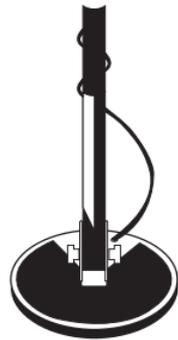
Mounting the Coil

Caution: To disconnect the coil's cable from the detector, grasp the plug and pull it out of the connector. Never pull on the cable.

1. Remove the coil that came with your metal detector and disconnect its plug.
2. Carefully place the 4-inch coil onto the detector's lower stem by inserting the mounting screw and bolt, then tighten the bolt. Do not overtighten the bolt.

When properly tightened, you can rotate the coil in a flip-flop motion. This increases the coil's maneuverability when hunting at different angles.

3. Wind the coil's cable around the stem. Leave enough slack in the cable to let you adjust the coil when you are hunting on uneven ground.
4. Insert the coil's plug into the matching connector on the detector's control housing. Make sure the pins on the plug align with the holes in the connector.



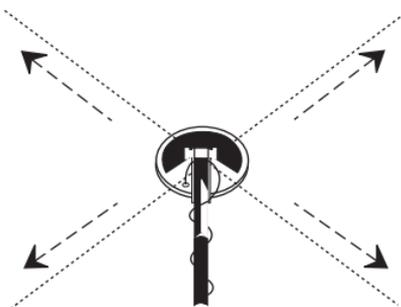
Caution: The coil's plug fits into the connector only one way. Do not force it.

□ **Using the Coil**

You can use your 4-Inch coil to isolate precious metals from trash metals when hunting in heavily-trashed areas. Because of the coil's narrow field of detection, many trash objects will not interfere with the signal of desired targets.

Important:

- Be sure to use the “X” pinpointing technique to properly identify your target. Additionally, by changing sweep angles over an area that you have already covered, you will increase your finds. If a trash object is located very close to a coin, you will detect it more effectively by using different sweep angles.
- Remember not to swing the coil too quickly when hunting. This can cause a loss of depth and detection accuracy.



PROSPECTING FOR GOLD

Gold prospecting poses totally different challenges than coin-shooting or jewelry hunting. Utilizing a metal detector to retrieve gold is still a relatively new art form.

Although your 4-inch coil can be a useful tool in your gold prospecting pursuits, there are many problems you will encounter when attempting to detect gold nuggets. Black sand (highly mineralized soil with iron content) might set off your detector; where gold is found, usually black sand abounds.

When using your detector for gold prospecting, operate it in its ALL METALS mode with SENSITIVITY set as high as possible. This will ensure detection of smaller items such as gold nuggets (as long as the ground mineralization is not extremely high). Gold flakes will not be detected unless they are highly concentrated. If you are encountering a lot of erratic signals, reduce SENSITIVITY slightly.

Sweep your 4-Inch coil slowly and level to the ground. Dig all repeatable signals you may encounter.

Note: When gold prospecting, you will inevitably have to dig every signal to ensure that you're not passing up a nugget. Since you'll be operating in the ALL METALS mode, you will also be digging up metal other than gold.

CARE

Keep the coil dry; if it gets wet, wipe it dry immediately. Use and store the coil only in normal temperature environments. Handle the coil carefully; do not drop it. Keep the coil away from dust and dirt, and wipe it with a damp cloth occasionally to keep it looking new.

Weak batteries can cause a loss of depth and detection capability. To keep your metal detector at its highest efficiency, check the batteries often.

Modifying or tampering with the coil's internal components can cause a malfunction and invalidate its warranty. If your coil is not performing as it should, take it to your local RadioShack store for assistance.

Limited One-Year Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for one (1) year from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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