



Fortune Hunter

METAL DETECTOR

OWNER'S MANUAL

Your Fortune Hunter Metal Detector is an advanced microprocessor-controlled metal detector. This motion detection system requires movement over an object in order for the machine to detect the object and emit a tone.

THE FORTUNE HUNTER HAS TWO TYPES OF OPERATING MODES:

1. ALL METAL DETECTION

All types of metals will be detected. From nails and property markers, to valuable treasure, all types of metal will induce a single tone.

2. DISCRIMINATE, NOTCH, and AUTO NOTCH modes

Completely eliminate iron and trash items from detection in "DISC" mode, with the use of the DISC/NOTCH knob.

Automatically eliminate most pull tabs and trash items from detection in the AUTO NOTCH mode.

FOR OUTDOOR USE ONLY:

- If demonstrating indoors, beware of interference from electromagnetic fields.
- If interference occurs, the detector will chatter or beep erratically.
- To avoid interference, turn the sensitivity down.

DO NOT TEST ON THE FLOOR

Most floors contain metal, which will interfere with the target's signal.

INTRODUCTION

The Fortune Hunter is an advanced technology metal detector, designed for a variety of applications including coinshooting, relic hunting, and general purpose detecting.

Before using your Fortune Hunter, it is important to read these instructions. This manual's description of detection concepts and types of metals is necessary to avoid frustration if you are new to the hobby of metal detecting.

Terminology

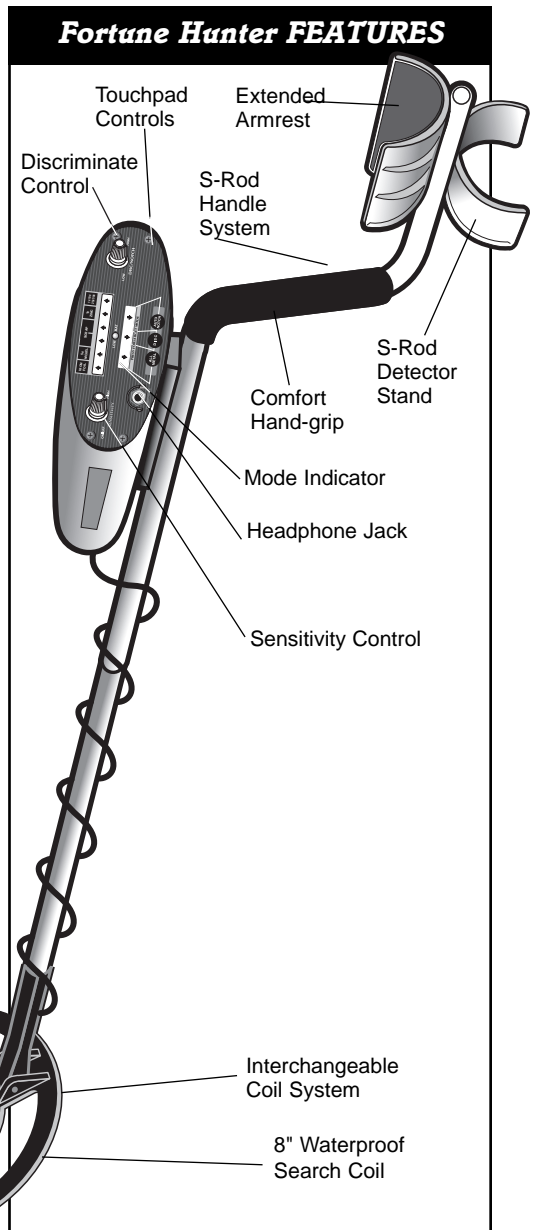
Elimination — Reference to a metal or target being "eliminated" means that the detector will not emit a tone nor light up an LCD indicator when an object is in the coil's detection field.

Discrimination — When the detector emits different tones for different types of metals, and when the detector "eliminates" certain metals, we refer to this as the detector "discriminating" among different types of objects.

Iron — Iron is a common, low-grade metal which is often an undesirable target. Examples of undesirable iron objects are old cans, pipes, bolts, and nails.

Relic — A relic is an aged object of historical significance. Note that many relics are made of iron, an otherwise undesirable object in some metal detecting applications.

Pull-tabs and Trash Items — Discarded pull-tabs from beverage containers are the most bothersome items for professional and hobby metal detectorists. These items are generally constructed of aluminum, iron, or steel. We have therefore incorporated special features into the Fortune Hunter to eliminate these targets or to alert you to their possible presence.



EASY ASSEMBLY

Assembling your Fortune Hunter Metal Detector is easy and requires no tools. Just follow these steps:

- 1 Using the supplied bolt and knurled knob, attach the search coil to the lower stem.
- 2 Press the button on the upper end of the lower stem and slide the lower stem into the upper stem.

Adjust the stem to a length that lets you maintain a comfortable upright posture, with your arm relaxed at your side.

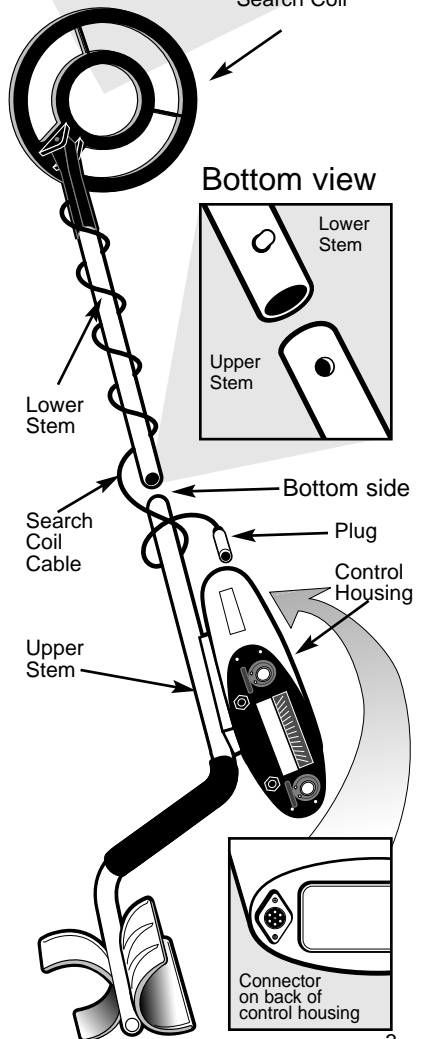
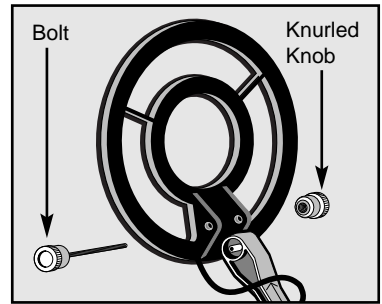
- 3 Wind the search coil cable around the stem. Leave enough slack in the cable to let you adjust the coil when you are hunting on uneven ground. Then tighten the knob at the end of the search coil.

Note: To adjust the coil, simply loosen the knob.

- 4 Insert the coil's plug into the matching connector on the control housing. Be sure the holes and pins line up correctly.

Caution:

- Do not force the plug in. Excess force will cause damage.
- To disconnect the cable, pull on the plug. Do not pull on the cable.



BATTERIES

IMPORTANT: Always use **ALKALINE** batteries for optimal performance.
Always remove the batteries for prolonged storage.

CHECK THE BATTERIES if your detector exhibits any of the following symptoms:

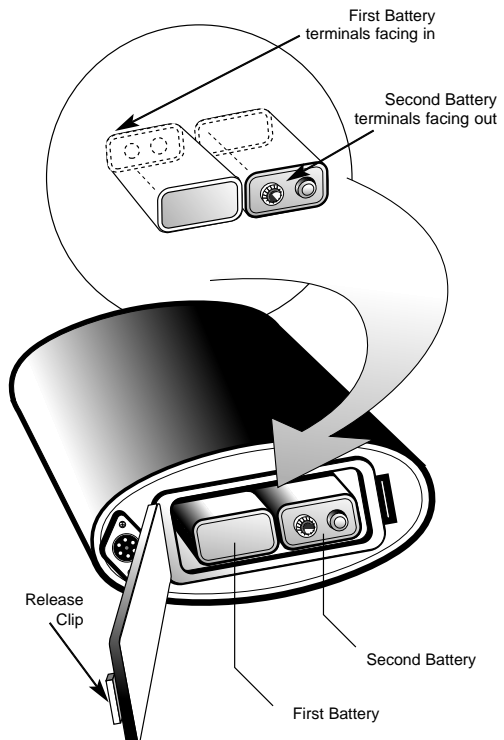
- ❶ The unit does not turn on.
- ❷ Low speaker volume.
- ❸ Unable to tune detector with the discriminate knob.

The Low Battery indicator light will come on and stay on whenever the batteries need replacing. It should flash momentarily when the Power Switch is turned on.

IMPORTANT: Your Fortune Hunter metal detector requires two 9-Volt **ALKALINE** batteries.

Follow these steps to install the batteries.

- ❶ Carefully remove the battery compartment door by pressing the release clip on the right side of the door.
- ❷ Snap one battery onto each of the terminals and place the batteries inside the compartment. Insert one battery with the terminals facing down, and the second battery with terminals facing outward.
- ❸ Replace the compartment door by carefully inserting opposite side of clip first. Then press down on clip side until battery door snaps into place.



FORTUNE HUNTER DEMONSTRATION

Here is a quick way to demonstrate the basic features of the Fortune Hunter.

I. Supplies Needed

- A quarter (25¢)
- A penny (1¢ - Post 1982)
- A dime (10¢)
- A nickel (5¢)
- Small piece of aluminum foil
- A nail

II. Position your Fortune Hunter

- Place the detector on a table, with the search coil hanging over the edge.
- Be sure that the search coil is far away from walls or metal objects. Keep the search coil away from any metal in the table.
- **Turn off appliances or lights which cause electromagnetic interference**

III. Beginning Switch Settings

- Right Knob (DISC/NOTCH) — 100% counterclockwise to low
- Left Knob (SENSITIVITY) — click on and set to 3:00 (3/4 turn)
- Do not press any touchpads



IV. All Metal Detection

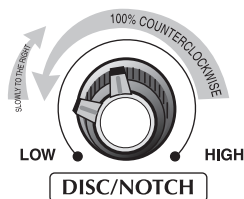
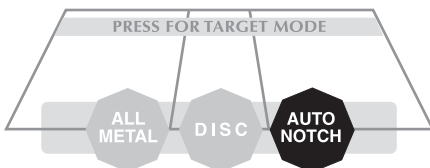
- A. Wave all objects under the search coil
 - NOTICE THE SINGLE TONE

V. Discriminate Mode

- A. Press the DISC touchpad
- B. Turn the right knob (DISC/NOTCH) to the 12:00 position.
- C. Wave all objects under the search coil.
 - NOTICE THE DIFFERENT TONES
 - NOTICE THE METALS ELIMINATED
- D. Move the DISC/NOTCH control to different positions and eliminate the penny from detection.

VI. Auto Notch Mode

- A. Press the AUTO NOTCH touchpad
- B. Right knob (DISC/NOTCH) 100% counterclockwise to low
- C. Wave all objects under the search coil while slowly turning the right knob clockwise.
 - NOTICE THE DIFFERENT TONES
 - NOTICE THE METALS ELIMINATED



BASIC OPERATION

TURNING ON YOUR DETECTOR

Turn the left knob (SENSITIVITY) to the right. As the knob clicks to the "On" position, the detector sounds three tones, the LCD arrows appear momentarily, and the unit pre-sets to the ALL METAL mode of operation.

SET THE MODE

1. ALL METAL

- Press the ALL METAL touchpad

The unit will emit sound when passing over all types of metal objects. The ALL METAL mode offers the greatest depth detection capability.

2. DISCRIMINATE

- A. Press the DISC touchpad
- B. Slowly turn the right knob (DISC/NOTCH) clockwise.

All iron or ferrous objects are eliminated from detection. As you turn the DISC/NOTCH knob clockwise you can eliminate foil, pull tabs, screw caps, and zinc pennies.

3. AUTO NOTCH

Press the AUTO NOTCH touchpad, and the detector will automatically reject iron and most pull-tabs. Nickels and many small gold rings will be retained. The DISC/NOTCH knob creates a rejection "window" which can be moved as it is turned clockwise. With this mode, you can reject screw caps and zinc (post 1982) pennies as the DISC/NOTCH control is turned clockwise, but still detect valuables with low and high tones.

Note: If you are not sure of your current mode setting, simply press the desired touch-pad again.

LCD TARGET DISPLAY

READING THE DISPLAY

The Liquid Crystal Display (LCD) shows the PROBABLE identification of the targeted metal.

Pass the search coil repeatedly over a target, and observe the target readout. The detector will register a repeated, unchanging target identification when a buried target has been located and identified. If, upon repeated passes over the same spot, the target identification reads inconsistently, the target is probably a trash item, or oxidized metal. With practice, you will learn to unearth only the repeatable signals.

The segment identifications are highly accurate, when detecting the objects described on the label. For example, if you pass the coil repeatedly over a nickel, your detector will repeatedly register a nickel. However, if you repeatedly register a nickel, for an unknown buried object, you could be detecting some other metallic object with the same magnetic signature as a nickel.

GOLD TARGETS Gold objects will register on the left side of the LCD scale.

Gold flakes will register under Iron/Foil

Small gold items will register under nickel.

Medium-sized gold items will register under Scrap.

Large gold items will register as Zinc 1¢.

SILVER TARGETS: Silver objects will register to the right of the scale, under 25¢, 50¢, \$1.

IRON/FOIL: All sizes of iron and aluminum objects will register on the far-left side of the scale. This could indicate a worthless item such as a nail, or a more valuable historic iron relic.

5¢ NICKEL: All nickels will register here. Some newer pull-tabs will also register here, small gold items can also register here.

SCRAP: Older pull-tabs and medium size gold objects will register to the left side of the scrap area.

Large gold items and older screw caps from glass bottles will register to the right side of the scrap area.

Some non-U.S. coins of recent vintage can often register as scrap.

1¢ ZINC: Newer pennies (post-1982) will register here. Many non-U.S. coins of recent vintage will also register here.

10¢: Dimes and pre-1982 pennies will register here. Older, pre-1982, pennies are composed of copper, which has a metallic signature similar to a dime.

Caution: The target indications are visual references. Many other types of metal can fall under any one of these categories. You will experience a trash-to-treasure ratio when treasure hunting. The more you practice, the lower you will push your trash-to-treasure ratio. While your detector will eliminate or indicate the presence of most common trash items, it is impossible to accurately classify ALL buried objects. The LCD provides a visual reference to minimize the detection of trash objects. By using the target ID in conjunction with discrimination control and the three-tone audio identification system (discussed later), you can further reduce the trash-to-treasure ratio.

SENSITIVITY ADJUSTMENT



The principle use for the SENSITIVITY knob is to eliminate ELECTROMAGNETIC INTERFERENCE (EMI). EMI is both naturally-occurring and man-made. Common sources of EMI are power lines, both suspended and buried, and broadcasting antennas. Machinery, when in operation, can also produce EMI.

EMI comes from most household appliances, so **YOUR DETECTOR CAN BEHAVE VERY ERRATICALLY INDOORS.** If you want to test it indoors, turn off the TV and microwave. If you have lights with

dimmer switches, also turn these off; dimmer switches can produce lots of EMI.

If your detector chatters with the SENSITIVITY knob in the 100% clockwise position, reduce the sensitivity until the chatter stops (usually to the 1:00 or 3:00 position).

If you suspect the presence of deeper targets underneath a shallower target, reduce the SENSITIVITY to eliminate the detection of the deeper target to properly locate and identify the shallower target.

LOW BATTERY INDICATOR:

The LOW BATT indicator will flash as the unit is powered on. If the indicator comes on and stays on, replace the batteries.

LOW ● BAT

USING HEADPHONES

Using headphones (not supplied) improves battery life, and prevents the sounds from annoying bystanders.

It also allows you to hear subtle changes in the sound more clearly, particularly if searching in a noisy location. For safety reasons, do not use headphones near traffic or where other dangers are present. This device is to be used with interconnecting cables/headphone cables shorter than three meters.

MODES OF OPERATION

ALL METAL MODE:



ALL METAL TOUCHPAD

There are two ways to enter the ALL-METAL mode.

- 1) Press the Disc/All Metal touch pad.
or
- 2) Turn the detector on. (The detector always defaults to the All Metal mode when first powered on).

DISCRIMINATION MODE:



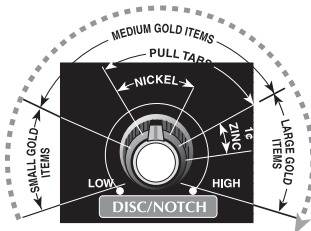
DISC TOUCHPAD

To enter DISCRIMINATION mode,

- 1) Press the Disc touch pad, and
- 2) Turn the Disc/Notch control knob clockwise.

In the DISCRIMINATION mode, the detector will emit three distinct tones, depending on the type of metal detected.

As you turn the Disc Knob clockwise, you will progressively “discriminate out,” or eliminate from detection, different types of metals. Refer to the illustration below as a reference for the levels required to discriminate out different objects.



The DISCRIMINATION mode is a fixed-start-point system. As you turn the knob to the right, more objects are progressively eliminated, including the items to the left. Use DISCRIMINATION for coin-shooting and detecting in trashy areas.

If you encounter certain bothersome trash items, program their rejection into your detector as follows:

- 1) Turn the Disc/Notch knob 100% counterclockwise.
- 2) Pass the undesirable object under the search coil.
- 3) Turn the Disc/Notch knob slowly clockwise until the object is no longer detected.

AUTO NOTCH MODE



AUTO NOTCH TOUCHPAD

To enter the AUTO NOTCH mode, press the Auto Notch touch pad. In AUTO NOTCH mode, iron, most pull tabs, and screw caps are automatically eliminated.

In addition, you can turn the Disc/Notch control to selectively eliminate more items beyond the pre-programmed ones.

You can eliminate unwanted items in the middle of the magnetic spectrum, but still retain more valuable nickels. AUTONOTCH is useful to “notch out” specific unwanted items.

AUDIO TARGET ID

Depending on the operating mode and Disc/Notch control setting, the Fortune Hunter emits three distinct tones which classify metal objects into categories.

IRON & STEEL:

In the ALL/METAL mode most iron and steel objects will induce a medium tone. Highly oxidized iron can induce a high tone, in discrimination, depending on the Disc/Notch control setting. For instance, some rusted bottle caps will induce a high tone and indicate to the right of the LCD target display.

GOLD:

In DISCRIMINATION mode, gold objects will induce a low or medium tone, depending on their sizes. Very small gold objects will indicate on the left-most segment. Large gold objects will read under the Zinc segment. If you are gold prospecting, you will usually be looking for natural gold in an area which does not contain much trash, and can therefore ignore the specific segment descriptions.

PULL TABS:

Pull tabs are the most bothersome trash items for detectorist. Most will induce a medium tone. Most will be eliminated automatically in the AUTO NOTCH mode, or alternatively be manually “discriminated out” in DISC mode with the Disc/Notch control. The older pull tabs (those not attached to the can after opening) are sometimes broken in half; these broken tabs can induce low tones. Highly oxidized pull tabs can also induce high tones.

It can be very difficult to differentiate pull tabs from gold rings. When they both induce medium tones, you might notice a “double beep” from a gold ring but a “single beep” from pull tabs. To achieve this distinction, sweep the search coil very slowly, and at different angles. Two tones might signal as the detector passes over each side of the round ring.

COPPER, SILVER & BRASS:

Most valuable coins are composed of these metals and will usually induce a high tone. Valuable objects other than coinage can also be composed of copper, silver and brass.

LOW TONE



Nails & Bottle Caps,
Gold & Nickel

MEDIUM TONE



Old & New Pull Tabs, Zinc
Pennies (Post 1982)

HIGH TONE



Copper, Silver & Brass
Copper Pennies (Pre 1982)

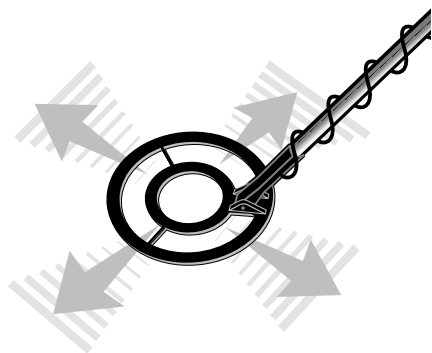
Audio Target Identification (ATI) classifies metals into three categories.

IN THE FIELD TECHNIQUES

PINPOINTING

Accurate pinpointing takes practice and is best accomplished by “X-ing” the target area.

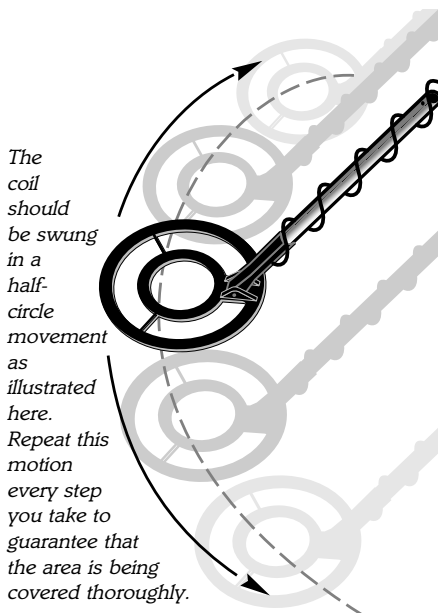
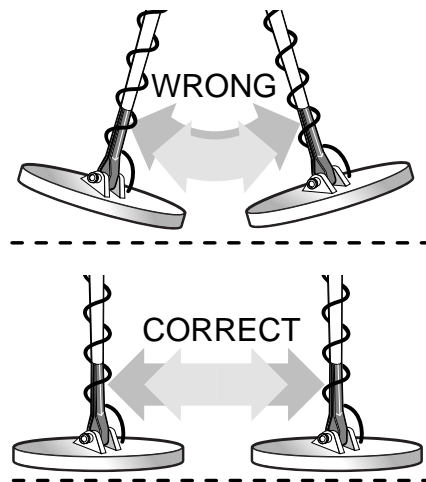
1. Once a buried target is indicated by a good tone response, continue sweeping the coil over the target in a narrowing side-to-side pattern.
2. Take visual note of the place on the ground where the “beep” sounds.
3. Stop the coil directly over this spot on the ground.
4. Now move the coil straight forward and straight back towards you a couple of times.
5. Again make visual note of the spot on the ground at which the “beep” sounds.
6. If needed, “X” the target at different angles to “zero in” on the exact spot on the ground at which the “beep” sounds.



When pinpointing a target, try drawing an “X”, as illustrated, over where the tone is induced.

COIL MOVEMENT

When swinging the coil, be careful to keep it level with the ground about one inch from the surface. Never swing the coil like a pendulum.



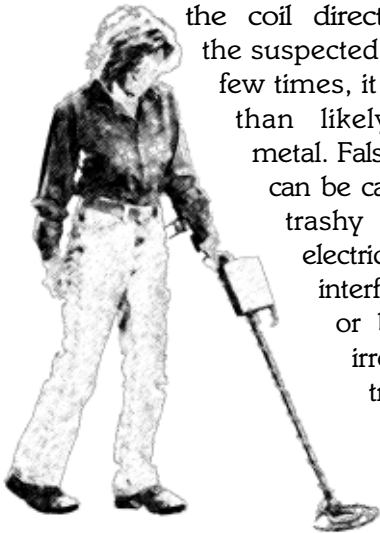
The coil should be swung in a half-circle movement as illustrated here. Repeat this motion every step you take to guarantee that the area is being covered thoroughly.

IN THE FIELD TECHNIQUES

After selecting your operating mode, swing the search coil gently side-to-side, slightly overlapping each sweep as you move forward. Make sure you keep your search coil approximately 1 inch above the ground as you search. Raising it in the sweep, or at the ends of your sweep, will cause false readings. Move slowly; hurrying will only cause you to miss targets.

Most good objects will respond with a good repeatable signal.

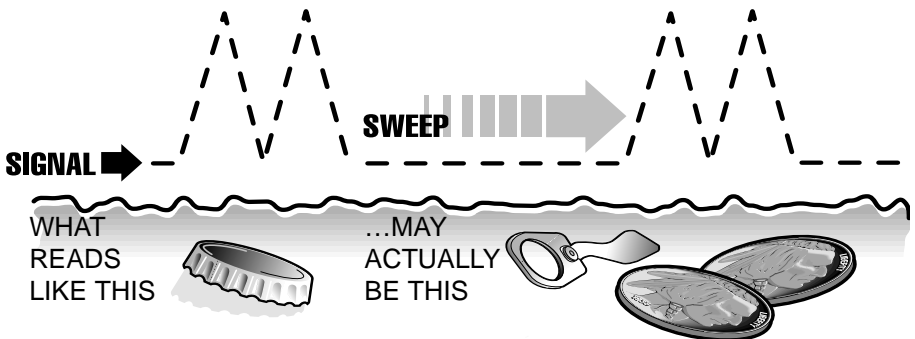
If a signal does not repeat after swinging the coil directly over the suspected target a few times, it is more than likely trash metal. False signals can be caused by trashed ground, electrical interference, or by large irregular trash



objects. These signals are easily recognized by their often broken or non-repeatable nature.

The Fortune Hunter is a very sensitive and deep-seeking detector. It will respond loudly to many targets that other detectors would only detect with a weak signal. Because of this, trash-induced signals and other sources of interference may cause signals that seem confusing. The key to managing these false signals is to dig only those targets that emit a strong repeatable signal. As you sweep the search coil back and forth over the ground, learn to recognize the difference between the signals that occur at random and signals that are stable and repeatable.

When searching very trashy ground, it is best to scan small areas with slow, short overlapping sweeps. To prevent erratic signals and difficult pinpointing in trashy areas, consider purchasing the Bounty Hunter 4-Inch Gold Nugget Coil System.



METAL DETECTING APPLICATIONS

COINSHOOTING:

The most popular metal detecting application. When coinshooting, you want to discriminate out pull tabs, screw caps, and iron objects. Beware that highly oxidized steel may also be detected.

Control settings required.

- 1) Press DISC touch pad.
- 2) Turn the Disc/Notch Knob to the 3:00 position.

RELIC HUNTING:

A relic is a historical object, sometimes of great value. Relics can be found in abandoned homes, plowed fields or even your own backyard. Research the local library to learn of historical events or places in the area. You can then target your search to a specific area and gain valuable insight into your local history.

Control settings required.

- 1) Press DISC touchpad.
 - 2) Turn the DISC/NOTCH knob 100% counterclockwise.
- Many relics are iron, so you do not want to discriminate.

CACHE HUNTING:

A cache, pronounced "cash" is a buried or hidden valuable stored inside a case, strong box, or bag. A cache can be hidden in the floor or walls of a house, or buried nearby. Operate in the ALL METAL mode.

Control settings required.

- 1) Press ALL METAL touchpad.

JEWELRY HUNTING:

Jewelry can be found wherever people congregate. Beaches, parks, school yards and fair grounds are all littered with lost jewelry. Your greatest challenge is the interference from pull tabs and cans. You must use a discrimination mode: AUTO NOTCH is best.

Control settings required.

- 1) Press the AUTO NOTCH touchpad.
- 2) Set Disc/Notch knob at 2:00. Dig only the repeatable low and high tones, avoid the broken or non-repeatable tones.

OTHER APPLICATIONS:

Use your detector to find property markers, machine parts, and lost keys. Keep your detector in ALL-METAL mode for these tasks. Gold prospecting also requires the ALL-METAL mode.

ACCESSORIES

MAXIMIZE YOUR METAL DETECTING EXPERIENCE WITH THESE OPTIMAL BOUNTY HUNTER ACCESSORIES

10 INCH COIL

For maximum depth detection.

4 INCH COIL

Great for searching in trashy areas with its smaller target area. Also perfect for gold prospecting and fitting into tight spaces.

CARRY BAG

Custom-sized to carry your Detector.

HEADPHONES

Increase battery life and find more deeply buried objects, evidenced by faint signals sometimes undetected with the standard speaker.

Finds Pouch & Digging Tool

Retrieve and secure your newly found treasure in this tough nylon pouch.

COIL COVERS

Protect your coil from wear & tear. 4 inch, 8 inch, 10 inch.

PIN POINTER

Pinpoints exact location of buried metal objects.

www.detecting.com



TROUBLESHOOTING

TROUBLE SHOOTING GUIDE

SYMPTOM	CAUSE	SOLUTION
Detector chatters or beeps erratically	<ul style="list-style-type: none"> • Using detector indoors • Using detector near power lines • Using 2 detectors in close proximity • Highly oxidized buried object • Environmental electromagnetic interference 	<ul style="list-style-type: none"> • Use detector outdoors only • Move away from power lines • Keep 2 detectors at least 20' apart • Only dig up repeatable signals • Reduce sensitivity until erratic signals cease
Constant low tone or constant repeating tones	<ul style="list-style-type: none"> • Discharged batteries • Wrong type of batteries 	<ul style="list-style-type: none"> • Replace batteries • Use only 9V alkaline batteries
LCD does not lock on to one target ID or emits multiple tones	<ul style="list-style-type: none"> • Multiple targets present • Highly oxidized target • Sensitivity set too high 	<ul style="list-style-type: none"> • Move coil slowly at different angles • Reduce sensitivity
No power, no sounds	<ul style="list-style-type: none"> • Dead batteries • Batteries connected improperly • Cord not connected 	<ul style="list-style-type: none"> • Replace batteries • Check connections securely

TREASURE HUNTER'S CODE OF ETHICS:

- Always check Federal, State, County and local laws before searching.
- Respect private property and do not enter private property without the owner's permission.
- Take care to refill all holes and try not to leave any damage.
- Remove and dispose of any and all trash and litter found.
- Appreciate and protect our inheritance of natural resources, wildlife and private property.
- Act as an ambassador for the hobby, use thoughtfulness, consideration and courtesy at all times.
- Never destroy historical or archaeological treasures.
- All treasure hunters may be judged by the example you set; always conduct yourself with courtesy and consideration of others

FIRST TEXAS PRODUCTS, LLC 5-YEAR LIMITED WARRANTY

Bounty Hunter Metal Detectors are warranted against defects in workmanship or materials under normal use for five years from date of purchase to the original user.

Liability in all events is limited to the purchase price paid. Liability under this Warranty is limited to replacing or repairing, at our option, any Bounty Hunter Detector returned, shipping cost prepaid, to First Texas Products, LLC. Damage due to neglect, accidental damage or misuse of this product is not covered by this warranty.

Proof of purchase is required to make a claim under this warranty.

NOTE TO FOREIGN COUNTRY CUSTOMERS

This warranty may vary in other countries, check with your distributor for details.

Factory warranty follows the channel of distribution.

Warranty does not cover shipping costs.

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