INSTRUCTIONS
GOLD GUN MODELS AL707 & AL718

How It Works

The earth is constantly being bombarded by powerful radio frequencies transmitted by the military, satellites, radio and lightning. The broadcasts induce electric currents in underground conductive bodies. Induced currents produce secondary electromagnetic fields that can be detected at the surface, through amplified deviations of the normal very low frequency field. The electrons from an electromagnetic field also travel in a detectable field wave from a distance. The lowest reading or Null over a target is obvious compared to the right & left side readings which are higher from the nonbearing ground. Follow the Null line or the most negative primary electron field vector to the target. It's that easy. Reading can be taken from a moving vehicle by a passenger. Diesel powered engines are the best to use, but gasoline motor vehicles will also work.

Tracking intersect in a straight line to targets, electromagnetic fields or E.M.F. ore bodies have free electron radiation fields on the surface and down around an anomaly (target). Scope for a critical Null line to the target. Traverse two or more circles for defined lines from where you are to a suspected target area. Find a good Null (see examples/note vector) then move to another spot repeating the procedures. Then triangulate to find where the lines cross. You may also follow a Null path line by walking parallel to it. The least sound and lowest meter reading should define the path to the target.

For a test and confidence builder try your Gold Gun on a known placer or a lode mine. See and hear the deposits by using the instructions above to see the difference in the readings and exactly how the instrument works. You should definitely see a lower reading on the Null line where the mineral deposit is located.

QUICK START INSTRUCTIONS

1. Push Gold Gun Right switch up for ON position
2. Select position on 3 way Left switch Models AL707 & AL718
   A. Use top switch for England, Philippines, Greece, USSR & other uses
   B. Use the center switch for the USA
   C. Use the bottom for longer distances and weak EM fields

Plug in meter to patch cord

A. Push meter switch to ON position and detect

Amplifier

A. Plug in cord to 1/8" side jack of Gold Gun

B. Plug the other end of cord to top of amplifier

C. Turn on dial switch to low threshold & check green light ON

D. Try to keep amplifier at least 2 feet away from Gold Gun sensor

E. Turn OFF when not in use to save battery & double check green light OFF

F. Jack on the side of amplifier is for headset use only

OPERATING HINTS

1. An EMF from precious metals creates the lowest meter readings with less sound, which are called a Null line. Pay attention to sudden drops in AC millivolts (Null) or a difference in sound. The Gold Gun is very directional. Watch the gradual nulls because this indicates edges of an ore body. Turn sensor off then back on to double check accuracy of a critical reading. Use switch setting with the largest null difference in your detection area.

2. When using the audio amplifier, again the target should be less sound (Null) like a window with more sound around it and almost silent inside. That is your Null vector line.

3. When looking for a azimuth/vector, scope 360 degrees to find the Null line. If none present move to another area, when a good Null with several hundred percent drop from background is found. Follow or check from another advantage direction to get a second cross Null line to the target. Use all other detectors at your disposal for final pinpointing and second opinion analyzing of the target.

4. Always find/take a path line with the largest percentage of Null drop first. This vector will be the most valuable. Note others for later investigation. If you don't know what you have found, refer to Rule #1. Trust your reading and use your own good judgment of how to proceed. Please always refill/reclaim holes after excavating a target.

5. Determining shape-Scope Xing to the right, left, up and down with the audio sound. It works very well. *Note the boundaries using rocks, trees, etc.. Being sure to take your time for best results.

6. You will need to detect from nonbearing ground (no known targets), to find an ore body from a distance. When on an ore body the detector is being shielded by the electromagnetic field you are standing on. You may detect the electrons lowest reading within an EM field, but not out of it. If this happens you're there.

7. To estimate depth angles the Gold Gun into the earth at the direction of the target and triangulate the Null line.

8. Large ore bodies should Null from all four sides. Small caches may Null in only two directions. For Example: East to West and West to East can still be a valid small target.

9. Check list for field use.

Maps, pen, notebook, compass, extra 9 V alkaline batteries, shovel, and sample bags. Bring extra back-up detectors for location verification and to analyze the target found. Happy hunting!

****NOTE:** The Gold Gun is not for "air" or "freshly buried targets" - The more linear and mass it has the easier the "buried target" can be detected.

Getting Started - The Model AL707 & AL718 Digital meter is a rugged, hand held product that allows accurate measurements quickly and easily.

4 digit LCD display
Measures AC voltages to 5 V for Gold Gun Only
Low battery indicator in meter
Uses 9 V battery included (approximately 20-30 hours use)

- **Maintenance**

The Meter Amplifier, or Gold Gun does not require periodic maintenance other than routine cleaning and battery replacement

Cleaning
Remove dirt and grease using a cloth dampened with isopropyl or mild detergent and water solution.

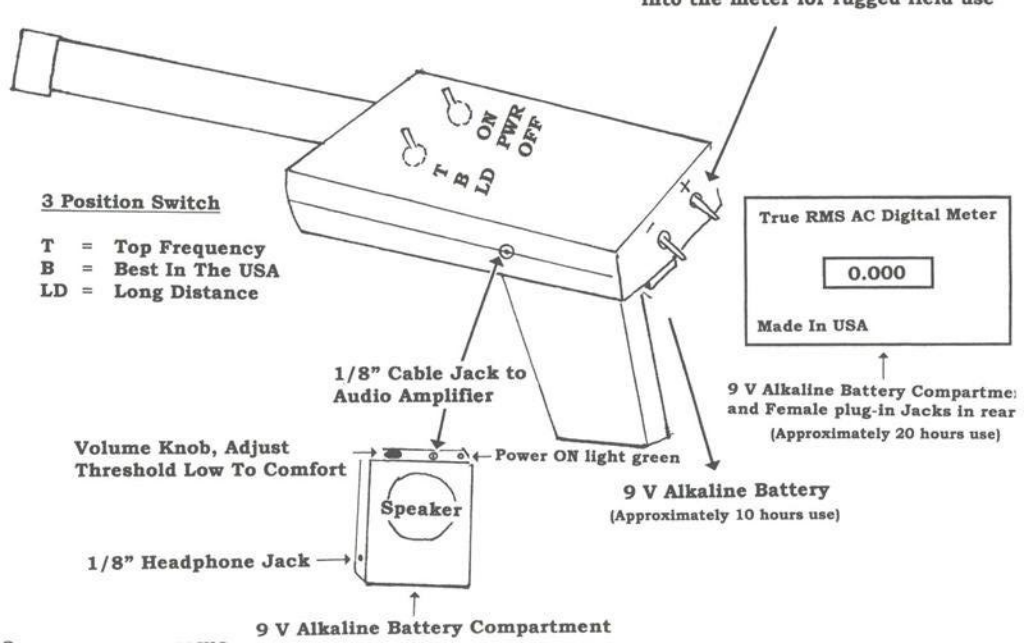
Replacing the Batteries - Use 9 V Alkaline

Changing the 9v Gold Gun Battery - It is recommended that you change the battery in the Gold Gun unit every (10) hours.

Changing the 9v Amplifier Battery - It is recommended that you change the battery every 20 hours for amplifier & meter.

GOLD GUN

MODEL AL707 & Model AL718



OPERATION DETAILS

The earth is constantly being bombarded by powerful radio frequencies transmitted by the military, satellites, radio and lightning. These broadcasts induce electric currents in underground conductive bodies. Induced currents produce secondary electromagnetic fields which can be detected at the surface, through amplified deviations of the normal very low frequency field. The electrons from an electromagnetic field also travel in a detectable wave front from a distance. The lowest reading or Null over a target is obvious compared to the right & left side readings which are higher from the nonbearing ground. Follow the Null line or the most negative primary electron field vector to the target. It's that easy. Readings can be taken from a moving vehicle. Diesel powered engines (without computers) are the best to use, but gasoline motor vehicles will also work fine. Field test reports available upon request.

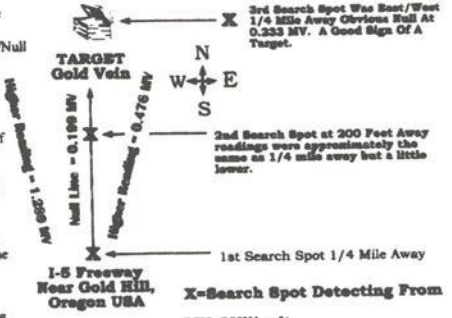
EXAMPLE: From a truck parked at three different locations, readings were noted consistent. Approximately the same Low/Null readings were acquired to the target.

Sometimes only small nulls will be obtained depending on background effects caused by: clay, ironstone, ground conductivity of

1. To the right/East of the Target the reading was 0.476 MV or over two times higher than the Null Target Line at 0.199 MV.

2. To the left/West of the Target reading was 1.289 MV or six times higher than the Null Target Line at 0.199 MV.

3. Pointing directly North, the Target/ Gold Vein reading was 0.199 MV reading or the Lowest/Null Line which



WARRANTY

Accurate Locators warrants its equipment to be free from defects in workmanship and material under normal, proper use and services for one year from date of purchase by original user. Accurate assumes no obligation to repair or replace equipment which has been altered or repaired by other than a Accurate approved procedure, been subject to misuse, misapplication, improper maintenance, negligence, or accident; been opened, seal broken or had any part repaired, other than those approved by Accurate. Warranty does not include batteries.

Manufacturer is not liable for operator error, incapability or advancements in technology. This product is not waterproof; any use in rain, electric environment, solar magnetic storms, and extreme heat or cold is at customer's risk and not covered under warranty. Any excavation is the sole responsibility of the customer.

Any detection product proved defective under this warranty will be repaired or replaced free of charge at the Accurate Locator's factory or approved Accurate repair station. The equipment should be returned to our factory by prepaid transportation after requesting and receiving return authorization from our service department.

Accurate's obligations are limited to repair or replacement of broken or defective parts, which have not been abused or misused. Accurate assumes no liability for removal or installation costs, consequential damages, or contingent expenses of any other nature.

Additional Accurate Locator's instruments include:

Accumeter-(Ground Resistivity Meter), Laser Scanner-(Temperature Sensor), Electromagnetic and other metal detectors.

Accurate Locators
521 S. Central Ave.
Medford, OR 97501
Tel (541) 770-4074 * Fax (541) 855-1023