

FISHER M-SCOPE®

QUALITY

Fisher detectors are renowned for their quality.
Each instrument is hand crafted in the USA with pride

PERFORMANCE

Our detectors are durable, dependable, and search deeper.

REPUTATION

Fisher produced the first patented metal detector in 1931. For over 70 years, the Fisher logo has been a mark of excellence.

LIFETIME WARRANTY

Fisher believes in the products we produce and backs this belief with a Limited Lifetime Warranty, Warranty may vary outside the United States. See your dealer for details

SERVICE

Fisher is committed to providing you, our valued customer, with superior service. Each and every instrument is rigidly tested and carefully inspected during assembly and before shipment.

Should you have any questions or problems, contact:

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FISHER M-SCOPE®

GOLD STRIKE

Gold Prospecting Metal Detector

NEW!

GOLD ⚡ STRIKE



Operating Manual

FISHER RESEARCH LABORATORY

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SPECIFICATIONS

Length

Extended	52" ²
Collapsed	41" ²

Weight

Control Housing	1.2 lbs. ²
Handle and Coil	2.3 lbs. ²
Complete	3.5 lbs. ²

Frequency

Search	30 kHz
Audio	All metal tone 500 Hz ²
Good Target Tone	1 kHz ²

Search Modes

True All Metal Mode	2 tone response (low tone =all targets, high tone =metals only)
Disc Mode	2 tone response (low tone =all targets, high tone =disc.metals only)

Ground Adjust

Automatic Ground Tracking	Yes
Automatic Ground Balance	Yes
Manual Ground Balance	Yes
Hot Rock Rejection	Yes

Input/Output

Controls	Keypad with tactile response
Memory Function	Yes
Display	Large LCD with constant read-out ³
LCD Backlight	Yes
Built in Speaker	Yes
Stereo Headphone Jack	Yes

Search Coil

Type	Elliptical, Co-planar
Diameter	10"
Shielding	100% ESI ⁴
Interchangeable	Yes
Submersible	Yes

Batteries

Type	(2) 9-volt Transistor
Life Alkaline	25-35 hours ²
Low Battery Alert (LCD & Audio)	Automatic

Warranty Lifetime Limited Warranty*

*(warranty may vary outside of the United States, see your dealer for details)

Notes

1. Subject to improvement or modification without notice.
2. Approximate.
3. LCD shows all settings (disc, threshols, sensetivity, ground adjust and volume) at all times.
4. Electro-Static-Insulated to eliminate certain types of false signals.

MAINTENANCE

Your Gold Strike doesn't require a lot of care. It's built with high-quality materials and it's splashproof and dustproof. But there are a few things you should do to keep it in peak operating condition.

1. If you're not going to be using it for a while, take the batteries out. Acid damage caused by leaking batteries can be severe.
2. Avoid extreme temperatures. Don't leave it inside a closed car that's sitting in the sun. Or even worse, the trunk of a car.
3. If you "scrub" the search coil on the ground, you'll eventually wear through the bottom of the coil. Replacement coils are expensive. Instead, invest in a coil cover; they're cheap.
4. Keep your GoldStrike dry and clean. If you've been working in or around dust, wipe it down with a damp cloth and dry it with a hair dryer (low or no heat) or a dry cloth. Remove and clean the lower stem. Keep the lock nuts free of sand and dirt.

TREASURE HUNTER'S CODE OF ETHICS

LET'S PRESERVE OUR TREASURED SPORT!

Laws governing the use of metal detectors are becoming more and more common. In many countries, the use of metal detectors is illegal or severely restricted. Don't let this happen in your area.

ALWAYS get permission to hunt on private property.

ALWAYS leave a site cleaner than you found it. Take at least some trash with you or, if you can, take it all.

ALWAYS fill in your holes neatly whether you're in a city park or remote wilderness. Leave the land as it was before you disturbed it.

ALWAYS obey all laws relating to Treasure Hunting.

ALWAYS return valuable property if you can locate the original owner.

ALWAYS do whatever you can to give the hobby of Treasure Hunting the good image it needs and deserves.

ABOUT YOUR DETECTOR

The gold detector of the future is here! The Fisher Gold Strike takes over where our legendary Gold Bug series left off. With features that include fast automatic ground tracking, precision auto ground balance system, an innovative two-tone ID system, and an adaptive ground system made possible with our advanced digital signal processing. Throughout this operations manual, we are going to explain to you the controls and LCD Display Panel of the new Gold Strike as well as give you a few tips to get you prospecting. As with any new detector, we strongly encourage that you read the entire operations manual and call your local dealer with any questions.

The Gold Strike control panel and LCD display is designed to give the prospector constant control read out. In addition, the Gold Strike provides an innovative 2-tone audio system to give you more target information.

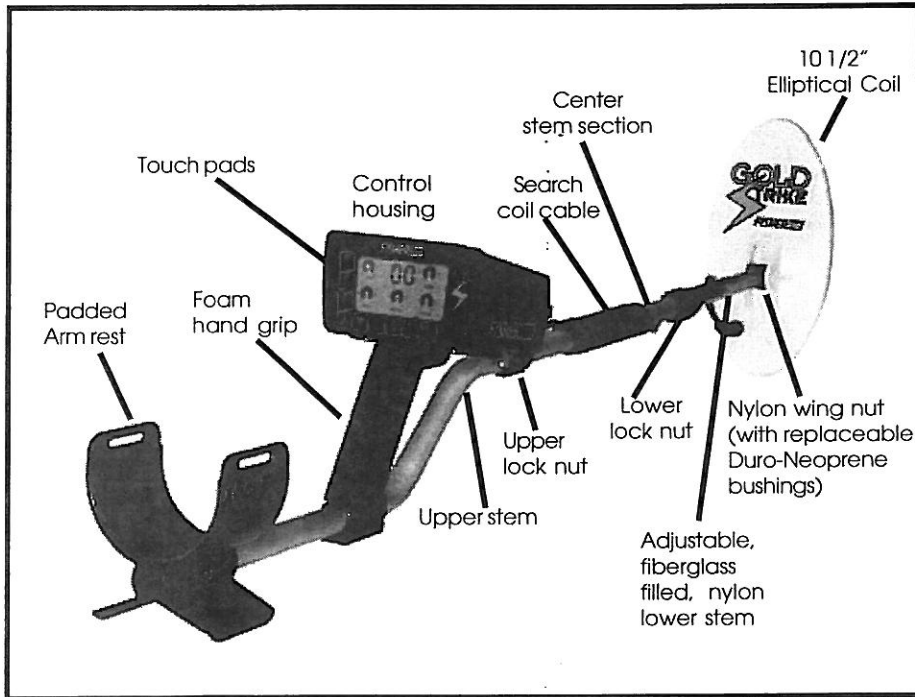
The rest is up to you. You've got the right detector, but you'll have to decide where to search and then put in a lot of long, hard hours searching. And, of course, you're going to have to learn your Gold Strike, read this instruction manual carefully and practice often. Drop us a line if you have any questions, comments or exciting gold hunting stories. In the meantime . . .

Happy Hunting!
Fisher Research Laboratory

SETTING UP

Your Fisher Gold Strike is built to last for years. However, it's a sophisticated electronic instrument containing state-of-the-art components. Handle it carefully, care for it regularly, and it will give you years of dependable service. The Gold Strike requires little assembly.

1. Unpack your Gold Strike carefully and save the carton: it may come in handy if you ever have to return the instrument for service.
2. Slip the lower stem into the middle stem.
3. Adjust the stem length and coil angle so that the search coil rests flat on the ground about 6 to 12 inches in front of and slightly to the right of your right foot (to the left of your left foot for left handers). Your arm should be straight and relaxed, the grip held loosely (see drawing on next page). The stem length is adjusted by loosening the lower lock nut and allowing the spring clip to snap into one of the



TARGET RECOVERY

Once you have identified and pinpointed your target, your objective is to recover it quickly and neatly, leaving virtually no trace of your excavation. There are almost as many ways to do this as there are Treasure Hunters. Whatever works for you is good enough as long as you don't break any laws, damage vegetation, or leave uncovered holes.

Whichever method you choose, remember that responsible treasure hunters take pride in their ability to leave soil and vegetation intact and undamaged.

Recovery Tools

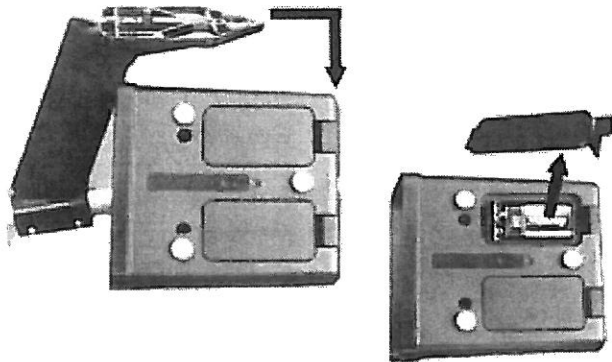
1. A heavy-duty, blunt screwdriver is commonly used by expert Treasure Hunters and is the tool of choice for cut lawns.
2. A sturdy hunting knife with a 5-inch blade will do the job on most other soils. A high-quality double edge "survival" knife is an even better (and more expensive) choice because it will be almost impossible to bend or break.
CAUTION: Using a knife without a locking blade is a good way to lose a finger!
3. A narrow garden trowel will work in loose or wet soil.
4. Several excellent digging tools are made just for the Treasure Hunter, and specially designed sand scoops are available for beachcombing.
5. A thin, dull probe is the preferred tool for precise target location.

BATTERY REPLACEMENT

Two 9-volt transistor batteries are located in separate compartments on the underside of the control housing. When you first turn on your detector you will see your battery level. It flashes for 3 seconds. A reading of 9V means you have maximum battery life. A reading of 6V indicates that you have approximately 11/2 to 1 hour left of battery life.

CHANGING YOUR BATTERIES:

1. Remove the control housing from the handle grip by holding the grip in one hand and sliding the control housing toward you.
2. Remove the battery doors by gently lifting the two tabs at the end of the control housing.
3. Remove the batteries by pulling on the nylon straps attached to the bottom of the battery compartments.
4. Install fresh alkaline batteries and reinstall the battery covers. Make sure the batteries are positioned properly as indicated by the "+" polarity markings inside the battery compartments.



If either or both of the batteries are installed incorrectly, the Gold Strike will simply not turn on. The detector will not be damaged.

Remember your search coil must be connected to the control housing for power to be turned on.

SETTING UP

holes in the center stem. The coil angle is adjusted by loosening the nylon wing nut on top of the search coil.

NOTE: Remember, the longer the shaft, the more you'll have to bend your elbow to keep the coil off the ground and the sooner your arm will get tired. The Gold Strike is balanced for comfortable searching in a tight semicircle around the front of the operator.

4. With the stem length properly adjusted, wrap the search coil cable snugly around the lower stem and the center section. Leave just enough slack near the coil to allow it to be tilted completely backward and forward.

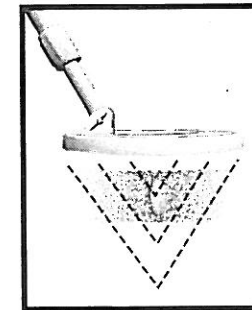
NOTE: A loose cable near the search coil may cause false signals, but don't wrap it so tightly that it pulls against the housing or the coil.



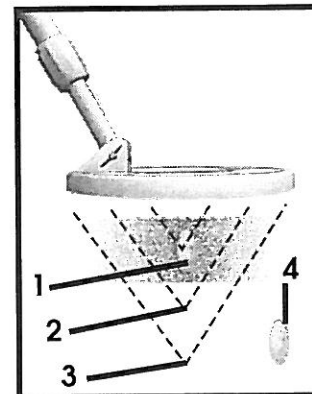
Adjust the stem length and coil angle so the coil rests flat on the ground about 6 to 12 inches in front of your foot. Move into your "search" position by leaning slightly and raising the coil about 2 inches off the ground. This should put the coil about 12 to 18 inches in front of your lead foot.

5. Reconnect the coil cable to the control housing. Be careful not to cross thread it and make sure it's snug, but hand tightened only.
6. With the shaft length and coil angle properly adjusted, you should be able to move into your search position by leaning forward very slightly and raising the angle so the coil rests flat on the ground about 6 to 12 inches in front of your arm.
7. (When using optional headphones) Plug into the headphones jack on the control panel.

5. Keep the search coil moving at a comfortable rate.
6. Take your time. If you walk too fast you can overlap your sweeps and you'll miss a lot of ground. If you swing your coil too fast, you could lose some sensitivity to deep and/or small targets.
7. The illustration below shows the GoldStrike search coil pattern and how it is effected by sweep speed, ground mineralization and search mode.



The conical search pattern of the GoldStrike search coil means you'll get better ground penetration and coverage by overlapping your sweeps.



Effects of sweep speed, ground mineralization and search mode

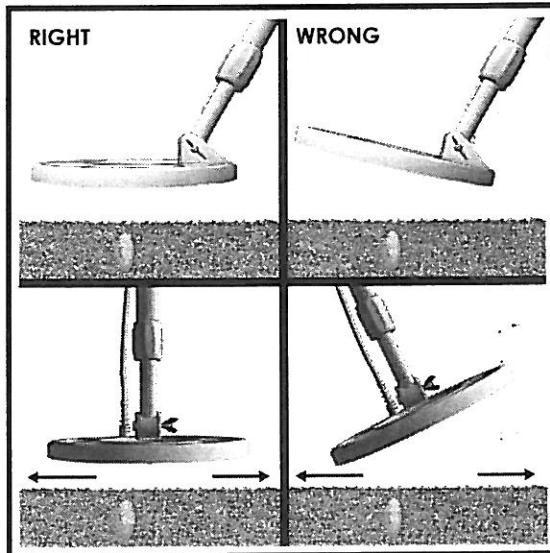
1. **Minimum depth**
 - a. Very slow or very fast sweep speed
 - b. Highly mineralized soil.
2. **Good depth**
 - a. Moderate sweep speed
 - b. Moderately mineralized soil
3. **Maximum depth**
 - a. Moderate sweep speed
 - b. Non-mineralized soil
4. **Missed target**
Many targets well within the range of you GoldStrike will not be detected unless you overlap your sweeps.

Unlike other metal detectors, the discrimination settings have little if any effect on the depth capability of the Gold Strike. Depth is also determined by the size, shape and conductivity of the target as well as the sensitivity setting of the Gold Strike.

SEARCHING

Good search techniques are every bit as important as having a good detector.

1. Once your controls are properly set, press and release the P/P touch pad, and move into your search position. Begin your search by walking slowly and sweeping the search coil in a tight semicircle.
2. Keep the coil parallel to the ground and as close to the ground as practical. This is extremely important for maximum coverage and depth. If you're searching on a lawn, you may set the coil right on the grass and lightly "scrub it."



Keep the search coil as close to the ground as possible for greater penetration, and make sure the search coil remains parallel to the ground as you search.

3. Overlap your sweeps by at least 50 percent. Remember that your coil's search pattern is conical and if you don't overlap each sweep you'll miss the deeper targets.
4. Search in a methodical manner. Pay close attention to where you're going and where you've been so that you don't retrace your steps or miss any productive areas.

BODY/CHEST MOUNT

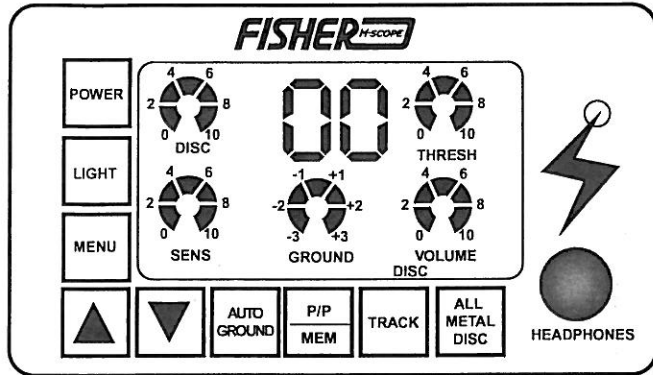
1. Disconnect the cable from the control housing and unwind all but the last 12 inches or so from the stem. Secure the lower end of the cable with a Velcro strap at least 12 inches up from the coil.
2. Remove the control housing from the pistol grip by holding the grip with one hand and sliding the housing toward you with the other hand.
3. Attach the belt clip to the control housing by slipping it over the brass posts on the bottom of the control housing and pulling it toward the control panel to lock it in place.
4. Reconnect the cable to the control housing.
5. The control housing can then be mounted on your belt or on the optional Fisher Chest Harness.

It is especially important that the cable connector be installed tightly to prevent false signals during body-mount use. Tight, but never tightened with anything but your hands.



CONTROL PANEL

The Gold Strike control panel is an all new digital I/O System. The LCD Display provides you with a constant control readout showing you all of your current settings, much like the knobs of an older - style metal detector.



1. The POWER button turns the unit ON and OFF. One of the first things you will notice when you turn on your Gold Strike is the battery level display. Fresh batteries will show 9 volts; when the battery level is down to 6 volts, you have a little more than an hour of battery life left. The detector will not turn on if the search coil is not properly connected. This can prove to be a timesaving safeguard.
2. The LIGHT button enables you to use your back light for hunting in dim light situations.
3. The MENU button enables you to enter the "menu mode", in which you can adjust any of six controls with the UP/DOWN arrow buttons: the discrimination level, the threshold level, the sensitivity level, an optional manual ground balance setting, the volume level, and the saving or recall of 3 of your favorite control setups with our memory feature. Notice that when the MENU button is pushed, the active control blinks — this is the control that can be adjusted with the UP or DOWN arrow buttons. To move to the next control, just press the MENU button again. When you have all your settings completed, press the P/P (MEM) button to return to the search mode (P/P stands for "Push-to-Prospect" on the Gold Strike).

ADDITIONAL FEATURES

AUTOMATIC LOW BATTERY WARNING: The Gold Strike will let you know when a low battery condition will begin to effect performance — the batteries must be changed at this time. When the batteries get too weak, the LCD will show a "LOW BATTERY" warning on the display. In addition, the audio system will produce a wavering tone to alert you to the low battery condition.

AUTOMATIC SIGNAL OVERLOAD WARNING: The Gold Strike will alert you to the presence of a large metal object in close proximity to the search coil by sounding off an audio bell tone. This lets you know that the object is too close to the coil for the 2-tone audio or LCD systems to accurately identify the object.

"F.A.C.T.®": Fisher's new adaptive coil technology allows the detector electronics to recognize whether the search coil is properly installed on the detector. The Gold Strike will not turn ON without the search coil connector properly installed to the control housing.

CONSTANT CONTROL READOUT: Unlike many digital detectors, the Gold Strike LCD shows you the control settings at all times while in the search mode. The control icons are similar to the knobs of older detectors, constantly showing where the settings are at one easy glance. In addition, even more accurate information regarding the control settings can be obtained by entering the MENU mode and observing the two-digit number accompanying each control, showing improved resolution of each control.

LCD BACKLIGHT: The press of a button activates a very efficient display backlight for use in dark situations.

SETTING MEMORY CONTROL

Your new Gold Strike provides you with 3 memory locations to store your favorite control settings. These memory locations will store the DISC level, THRESHOLD level, SENSITIVITY level, and GROUND setting. Please note that the VOLUME level will not be stored and will remain at your current setting at all times.

At this point, we would also like to remind you that your Gold Strike has a last-setting memory feature. This means that the unit will maintain the control settings when it is turned OFF, saving the same settings for you when you turn your Gold Strike back ON.

By pressing the MENU button to enter the MENU mode and then pressing it again until the "MEM" icon begins flashing, you will be ready to store or recall your settings. Memory address "0" always contains your current control settings, and is not a location to store settings for later recall.

STORING SETTINGS:

1. Set the controls (DISC, THRESH, SENS, and GROUND) by using the MENU button to select the control, and the UP and DOWN arrow buttons to set to the desired levels.
2. Once the controls are set, press the MENU button until the "MEM" icon blinks.
3. Use the UP or DOWN arrow buttons to select the MEM 1, MEM 2, or MEM 3 storage location.
4. Then, press and hold the P/P MEM button for about 3 seconds. When the settings are stored, an audio tone will sound and the "MEM" icon will blink twice. Release the P/P MEM button and you are in the search mode and ready to prospect. In addition, the settings are stored in the MEM location you chose (1, 2, or 3).

RECALLING SETTINGS:

1. To recall a stored setting, press the MENU button to enter the MENU mode, and then press it repeatedly until the MEM icon is selected.
2. Using the UP or DOWN arrow buttons, select the MEM location you want to recall.

Then, press the P/P MEM button for only 1 second and release it. A brief audio tone will sound and the detector will enter the search mode in the settings you recalled.

CONTROL PANEL

- a. When in the MENU mode, the DISC control can be varied from 0 to 99 with the UP and DOWN arrow buttons. A 0 discrimination setting will allow all metals to activate the high tone; a 99 discrimination setting fully discriminates out most iron targets, allowing only nonferrous objects (like gold) to activate the high tone (this two-tone audio system will be explained shortly). When prospecting, you will choose an optimal discrimination setting between 0 and 99 that allows you to ignore most of the iron trash in your hunting area, without giving up any good targets. Also notice that the constant control readout shows you approximate settings at all times with a graphical icon, whether you are in the MENU mode or the search mode.
- b. The THRESHOLD control is best understood as setting a "trigger" point for received signals to exceed (and be acknowledged) or fall short of (and be ignored). This control can be adjusted with the arrow buttons between -99 (higher trigger = less excitable) and +4 (low trigger = more excitable). There are a couple of considerations in choosing a threshold setting: 1) If you prefer to have an audio threshold tone present while hunting, choose a setting between 0 and +4. This will allow your Gold Strike to react to the tinniest targets in a low mineralization environment. 2) However, if you plan to utilize the fast automatic ground tracking feature of the Gold Strike, set the threshold to a -5 or -10 setting for stable tracking performance (and even lower in harshly mineralized soils).
- c. The SENSITIVITY control can be varied from a setting of 0 to a maximum of 10 with the arrow buttons when the SENS icon is flashing. As with most detectors, set the sensitivity higher for best depth performance in soils that are low in mineralization. As the mineralization gets worse, lower the sensitivity setting as needed. We recommend a sensitivity setting of 4 or lower for the most stable performance if the fast automatic ground tracking is enabled. Please note that a SENS setting of 0 or 1 will still yield excellent results.

- d. If the user chooses, the manual GROUND BALANCE can be adjusted with the arrow buttons when the GROUND icon is flashing. See the operation manual for more information on this procedure. We recommend all users take advantage of the high precision auto-ground balance system of the Gold Strike instead. That simple procedure will be described shortly.
- e. The VOLUME can be adjusted and listened to when the VOLUME icon is flashing by using the UP and DOWN arrow buttons.
- f. The MEMORY settings can be stored or recalled by pushing the MENU button until the "MEM" icon begins flashing on the LCD. Memory setting "0" is your current setup. By pressing the UP arrow button, you can choose memory location 1, 2, or 3. To store or recall a favorite control setup, please refer to the Memory Control Section of this manual. Also, please note that your Gold Strike has a last-setting memory feature, which means that the control settings you last were using when you turned OFF your detector will be there when you turn it back on.

Remember, to exit the MENU mode at any time, simply press the "push-to-prospect" button to return to the SEARCH mode

4. The AUTO GROUND button enables you to achieve a precision ground balance with one touch. Auto Ground Balance is explained in more detail on page 15.

5. The P/P (MEM) button to used return to the search mode after you set all your current settings. P/P stands for "Push-to Prospect" on the Gold Strike.

6. The TRACK button activates the Fisher Track ASF® - Adaptive Feedback System. This fast auto-ground tracking system, enables you to adapt to changing ground conditions without giving up the ability to detect small nuggets, even under hot rocks!

stable tracking performance. If you are hunting in mineralized soil, we suggest setting the Threshold control to -5, -10, or even lower. We also suggest setting the Sensitivity control to 5, 4, or lower. If you experience unstable tracking performance, please adjust these controls accordingly. And remember that the Gold Strike still has excellent performance with these lower settings — you will recover good targets with smooth, trouble-free operation — use this to your advantage!

“FisherTRAK®” FAST AUTO-GROUND TRACKING:

To take advantage of the fast auto-ground tracking system of the Gold Strike, start by using the automatic ground balance procedure just described. Then, simply press the TRACK button on the panel to allow the Gold Strike to automatically adjust to changing ground conditions. Notice that the “TRACK” icon will be active on the display when the tracking system is ON. The Gold Strike system provides a superior tracking system that will “track” only on mineralized soils and hot rocks — not on actual targets themselves.

When the Gold Strike is tracking the ground and encounters a hot rock (or severe change in the soil), the tracking system can adapt to the rock by slowly sweeping the coil over the rock, or pausing over it and then moving the coil up about 6 inches (as done in the auto-ground balance procedure) to enable the FisherTRAK system to eliminate or minimize the hot rock response. The primary advantage of the Gold Strike fast auto-ground tracking system is that any good target that is under a hot rock will not be tracked out — the FisherTRAK system does not mask good targets with the tracking system — this makes FisherTRAK unique and advantageous. If you encounter a hot rock with a good target underneath, you should be hearing the secondary “high” audio tone as you sweep across it and the fast auto-tracking system will not eliminate the target response. With the Gold Strike, you will track the ground and still be able to find small gold. In fact, we encourage you to return to areas that you have previously hunted with another tracking system to find what you have been missing — there may still be gold out there!

Also, note that the unit can be auto-ground balanced at any time while in the tracking mode for faster, easier hunting. This can be done by lowering the coil to the ground, pausing for about 2 seconds, then lifting the search coil about 6 inches and waiting for the tone to signal completion of the automatic balancing.

It is very helpful to set the controls of your Gold Strike for the most

7. The ALL METAL/DISC button enables you to toggle between two operating modes: a “true” all metal detecting mode or, with an advanced iron discrimination system activated.

QUICK START GUIDE

We strongly encourage you to thoroughly read and understand everything in this operation manual prior to using your new Fisher Gold Strike. This will enable you to obtain the optimum performance when you prospect. However, we can provide a few quick suggestions that can help you get started. To begin hunting with your new Gold Strike, you will at least need to be familiar with the control panel (see page 6).

1. Turn ON the Gold Strike by pressing and releasing the POWER button.
2. Press the ALL METAL/DISC button to select ALL METAL. This mode of prospecting will produce one low tone for any object encountered including hot rocks, and a secondary high tone for any metal objects. Remember, one tone to let you know your Gold Strike has located something, and two tones to let you know if it was metal or not.
3. Press the MENU button once. This will cause one of the control icons to blink (DISC, MEM, THRESH, SENS, GROUND, or VOLUME). Press the MENU button as many times as necessary to select the THRESH control (make it blink).
4. Use the UP arrow button to "raise" the Threshold level; raising the threshold means that it will be less responsive to small signals or sources of interference. Select a "high" threshold setting if you will prospect in harsh, mineralized soils (the bigger the negative Threshold number, the higher the Threshold setting). We suggest you try at -5 or -10 to begin with.
5. Use the DOWN arrow button the "lower" the Threshold level; that is, make the Gold Strike more responsive to small signals. Use a Threshold setting of 0 through +4 only if you are in mild soils and want to hear a background audio tone.
6. Once you have set a Threshold level, press the MENU button again to select the SENS control (it should be blinking when selected). Use the UP arrow button to increase the Sensitivity of the Gold Strike. We recommend a high SENS setting when prospecting in mild soils and looking for very small or deep targets. Use the DOWN arrow button to decrease the Sensitivity of the Gold Strike. We recommend a lower

GROUND BALANCING/TRACKING

The Gold Strike offers three options for handling the soil mineralization you may encounter. Our new auto-ground balance system and our FisherTrak ground tracking system are made possible by our AFS® (Adaptive Feedback System) technology. We also provide an optional manual ground balance control.

AUTO GROUND BALANCE:

The precision automatic ground balance system will provide ground balance accuracy that exceeds any setting achieved manually. The procedure is quite simple: After you have set up your controls and are back in the search mode, lower the search coil to the ground in an area completely void of metal. Next, press the AUTO GROUND button and hold it for about 2 seconds. Then, while still holding the AUTO GROUND button down, lift the coil about 6 inches off the ground, hold for a second, and release the button. The Gold Strike will give you a brief tone to let you know the ground balance has been achieved. It is worth noting that a corresponding ground balance number is stored and can be viewed in the MENU mode when the GROUND icon is flashing (these numbers can be used as a reference for site comparisons, as well as giving you information about the severity of the ground you are searching). This procedure can be repeated at any time, as you change your settings or ground conditions change. It is fast and accurate.

MANUAL GROUND BALANCE:

As explained above, we strongly recommend the use of the auto-ground balance procedure. It is the most accurate way to compensate for soil mineralization. However, if a manual balance is preferred, enter the MENU mode by pressing MENU, and press the MENU button until the GROUND icon is flashing. Then press the UP or DOWN arrow buttons to change the setting (the numbers will change to give you a reference). Press the P/P button to return to the search mode, and check your balance by raising and lowering the coil and listening to the audio response. Repeat this as necessary until no audio response is heard.

3. To summarize:

- ALL METAL mode: - = **ferrous target or positive hot rock**
 + = **nonferrous target**
- DISC mode: - = **discriminated target (incl. positive hot rock)**
 + = **"good" target**
- And in either mode, no sign = **negative hot rock**

- Sensitivity setting of 4 when prospecting in harshly mineralized soils, or when using the FisherTrack fast automatic ground tracking system. Try starting with a SENS setting of 4.
7. Set the VOLUME level you are comfortable with by pressing the MENU button until the VOLUME icon blinks, and using the UP and DOWN arrow buttons to adjust the audio level.
 8. When the Threshold, Sensitivity, and Volume levels are set, push and release the P/P ("Push to Prospect") button to enter the search mode.
 9. Lower the search coil to the ground in an area completely void of metal. Next, press the AUTO GROUND button and hold it for about 2 seconds. Then, while still holding the AUTO GROUND button down, lift the coil about 6 inches off the ground, hold for a second, and release the button. The Gold Strike will give you a brief tone to let you know the ground balance has been achieved.
 10. Begin your search, using the method described on page 20.
 11. If you prefer to hunt using our advanced FisherTrack system, or using the iron discriminator system, please refer to this operation manual.
- *NOTE - The Gold Strike is a very sensitive instrument. It does have the ability to find a 129 grain nugget (8) eight inches deep in highly mineralized soil with a sensitivity setting of 2. DO NOT set your sensitivity too high!

2 TONE AUDIO SYSTEM

The two-tone audio system provides you with more information per sweep, acting as either a hot rock/metal I.D. system in the "all-metal" mode, or a ferrous/nonferrous I.D. system in the "discrimination" mode. While sweeping the Gold Strike search coil over a target, you may hear either one or two tones. The first tone, or "low" tone is to alert you to the presence of a target. The second tone, or "high" tone, if present, alerts you to the type of target.

ALL METAL MODE:

If you are hunting in what we call the "true" all-metal mode, a low tone signifies the presence of a target — this target could be metal or a hot rock — something that is strong enough to cause a received signal. So, how do you know if there is a good metal target under your coil? There will only be metal under your coil if the secondary "high" tone sounds off. Therefore, when hunting in the "true" all-metal mode, you are aware of hot rocks and severe changes in the ground conditions with a low-tone only signal. If the low tone is followed by the high tone, you know you have passed over a metal target.

DISCRIMINATION (DISC) MODE:

If you are hunting in the discrimination mode, the DISC control setting you have entered will determine the occurrence of the secondary high tone. As before, the primary low tone will sound off at the presence of any target, but the secondary high tone will only sound off for targets not blocked by the discriminator control setting. The discrimination system for the Gold Strike is for ferrous objects (iron disc.) only. For example, if the DISC control is set for 99, only nonferrous target should activate the high tone. We encourage you to adjust the DISC control to an optimum setting for your surroundings and hunting preferences — take some time to learn how the Gold Strike responds to the targets you want to recover.

LCD IDENTIFICATION SYSTEM

The LCD will also show you an indication of the type of target you have found, independently of the audio tones, by showing you a number preceded by a "-" or "+" sign. The target identification system works as follows:

When in either search mode (ALL METAL or DISC), a target will produce a number between 0 and 99 depending on how strong that target is (either due to its size or depth). This number is not an indication of target type, but rather the strength of the signal that target produces. A large or shallow target will produce a higher number than a small or deep target. Therefore, the number readout will give you an indication of size and depth — important when weeding through trashy areas.

In addition, the - or + sign in front of the number can indicate whether the target is ferrous in nature (an iron target) / or nonferrous (a non-iron target).

1. In the ALL METAL mode, any target that causes a minus sign (-) on the LCD will tell you that the target is ferrous in nature, and is either a piece of iron, iron-based steel, or a "positive" hot rock. Any target that causes a plus sign (+) on the LCD will tell you that the target is nonferrous (any metal that has no iron in it). Finally, any target that produces no plus or minus sign (but still causes a low tone) is usually a "negative" hot rock.
2. In the DISC mode, any target that causes a minus sign (-) on the LCD will tell you that the target is below the discrimination control setting (in other words, the DISC setting you have chosen blocks this target from producing a high tone). Therefore, targets with a minus sign will be predominately iron and positive hot rocks. Any target that produces a plus sign (+) on the LCD will tell you that the target is a "good" target (again, dependent on the DISC control setting you have chosen). Again, a "negative" hot rock should produce no plus or minus sign.