





HOME

OF THE WORLD'S

FINEST METAL DETECTORS..

503-357-2111



P.O. BOX 366 - 3700 24th AVE. FOREST GROVE, OREGON 97116

Dear Fellow Treasure Hunter:

Thank you for writing COMPASS ELECTRONICS and for your interest in our professional Metal Detectors. It is our hope you find the hobby of metal detecting to be as enjoyable, rewarding, and healthy as all of us have.

From our catalog, you will see COMPASS offers you a very broad selection in the T-R Induction Balance Metal Detector, including the revolutionary T-R Discriminators, VLF, and VLF Discriminating models.

In general, the T-R and VLF designs have proven to be the most popular for professional treasure hunters and weekend coin and relic hunters alike. Use caution before buying a BFO from your local mass merchandiser, as a T-R detector is recognized as giving 2 to 3 times the depth of detection for the same money.

In selecting your detector, don't be confused with low-cost carnival models, as they perform about like their price indicates. Purchase a detector with the performance, features, ruggedness, and optional capabilities that will give you satisfaction for years to come; not just until you get the instrument unpacked. COMPASS heartly and sincerely recommends that you TAKE THE COMPASS CHALLENGE before you buy - COMPASS OURS WITH THEIRS. Stop by any multiple brand dealer for a comparison of a COMPASS detector to any other manufactured. The difference is obvious! COMPASS is the recognized leader in quality detectors, built with the customer in mind.

Again, COMPASS thanks you for your inquiry and please do not hesitate to contact us again if you have any additional questions. We are always very pleased to answer all questions.

Good luck and pleasurable treasure hunting!

Sincerely yours,

COMPASS ELECTRONICS CORPORATION

OPON Mack

Ron Mack Co-Founder

RM: jh

Compass prides itself on the most modern and complete research and manufacturing facilities of metal locating equipment anywhere. Photo (1) illustrates Quality Control testing that is unequalled in the metal detector industry. Each detector is individually checked to be sure that any marginal components or circuitry are detected before they can cause trouble. (2) Electronic engineers are constantly researching new and improved designs months, and even years, before production. (3) View of modern, well-designed facilities for assembly. (4) Well equipped tool and die machine shop demonstrates Compass' capability of producing prototypes and components "inhouse". (5) Constant testing of existing models and prototypes of future designs are checked for inthe-field performance.









### Which Detector is Right for You?

Compass Electronics prides itself on offering the world's most complete line of metal detectors. There is a Compass metal detector for every need, every pocketbook. As you thumb through this catalog and read about the wide selection available, you can be sure of one thing: The detector you decide that is right for YOU has been built by experts that CARE — care about quality, about durability and dependability — because we at Compass know that the best advertisement for our product is a SATISFIED USER! Regardless of the price he pays for his detector. We know that a satisfied user is the individual that will tell another treasure hunter about COMPASS' superior performance and the process is repeated. This is one of the reasons COMPASS has grown to be a leader in the industry in just a few short years!

Compass manufactures the most widely utilized types of detectors in use today: the new Very Low Frequency Ground Eliminators and VLF Discriminators; the Transmitter-Receiver Discriminators; and standard Transmitter-Receiver-type detectors. Below is a description of each and the uses they are best suited for.

#### VLF/TR Relic Magnum Series...

Compass' Relic Magnums are the newest type detector on the market and have revolutionized the hobby. Relic Magnums are a VLF-type detector which means that they operate at a very low frequency (4KHZ). The Relic Magnums can detect nearly as deep in heavily mineralized ground as in other types of soils, which means that finds that have gone undetected for years are now being uncovered across the country. When used in the standard mode of operation, Relic Magnums are ideal for coin hunting in heavily mineralized beach areas and since coins in the beaches can quite often be buried fairly deep, the extra depth gained from the Relic Magnum is very useful.

Relic Magnums created their first sensation when used in the heavily mineralized areas of old Civil War battles. Areas that were thought to be totally "worked out" by previous treasure hunters suddenly yielded valuable artifacts at much deeper levels than thought possible! Since these battles took place over one hundred years ago, new topsoil has accumulated, making these items even deeper than usual.

Relic Magnums, as all VLF Ground Eliminators, pick up both ferrous (rusty iron, nails) and nonferrous (coins and valuable metals) simultaneously when in the standard mode of operation. When coinhunting in beach areas, this is not a problem since targets are easily identified simply by scooping them up with a sand scoop in one quick motion. And it is definitely an advantage when hunting for Civil War or other type artifacts, since some rusting inevitably occurs, and can be overlooked by TransmitterReceiver, or other type instruments.

The added depth provided by Relic Magnums also makes them ideal for cache hunting. Many treasures that were deliberately buried were, of course, buried fairly deep.

The Relic Magnums are preferred by the experienced coinhunter for coin hunting in parks, school grounds, etc. which have been worked out with high frequency detectors. Although much trash may also be found, the increased depth may be worth it to the avid hunter. Because of their ground elimination capabilities, the Relic Magnums are ideal for industrial and commercial usage, such as finding surface pipes, conduits, survey markers, cornerstakes, etc.

Discrimination on the Relic Magnums - although the discriminating mode is popular on VLF's it is important to know that while in discrimination the Relic Magnums are no longer in ground elimination. As a result depth of detection is reduced to a comparable level of TR Discriminators. Ground reaction in mineralized soil is slightly higher on VLF's while in pull tab rejection than with TR Discriminators.

### TR Discriminator — Judge Series . . .

The Judge Discriminator is the most ideal detector for the treasure hunter doing most of his detecting in parks, schoolgrounds, picnic areas, and other locations frequented by people in the past. When searching for coins, rings, and other jewelry, the Judge TR Discriminators do an excellent job of eliminating junk items. The Judges operate more smoothly in these areas than VLF discriminators and do not pick up ferrous and non-ferrous metals simultaneously. The Judges are strictly a non-ferrous metal detector, which means that even in the standard mode of operation, many small pieces of rust and some nails will be eliminated. In soils with no mineralization, the Judges have a depth of detection similar to the Relic Magnums set in the standard mode. In discriminate, however, the Relic Magnums have a slight advantage.

#### TR Detectors — The "B" Series...

There have probably been more coins found with the Compass Series "B" detectors than any other detector in the world! Certainly more treasure hunts have been won in tournaments from coast to coast by these - the "standards" of the Compass line - than any other make of detector! The ease of handling, quick response and extreme sensitivity of the "B" series has most certainly established Compass Electronics as THE innovator in the metal detector industry!

The "B" Series detectors are high frequency 100 KHZ TR's without the discrimination capabilities. But by being a high frequency TR, ferrous and non-ferrous can be separated. The "B" series uses a "wide scan" loop which performs very well in most mineralized areas! This gives them an advantage over TR Discriminators in depth of detection and smoothness to ground reaction.

The "B" Series detectors also have available 12", 5" and 3" loops which greatly increase their versatility. Although the standard 8" loop is quite adequate for most detecting needs, the 12" loop provides greater depth for larger objects, while the 5" and 3" loops offer more sensitive detection for smaller objects closer to the surface. The 3" loop is extremely effective for gold nugget detecting.

As you scan the pages of this catalog, think in terms of the type of treasure hunting you and your family will be pursuing during your outings. In some cases one detector may be versatile enough for most of your needs, but on the other hand, you may find it appropriate that more than one detector will adequately provide you and your family with the necessary arsenal for funfilled and rewarding treasure hunts. In any event, be sure to visit your nearest Compass dealer for onthe-spot demonstrations. Your dealer will be more than anxious to answer any further questions you may have regarding this fascinating sport of metal detecting!

#### A Tradition of Excellence in Electronics...

When it all began, Compass recognized the need for a precision-built, high quality metal detector that combined the finest and most advanced electronic engineering, circuitry, and design into an entirely new concept in metal detecting.

The result was a series of the finest metal detectors that money could buy — lightweight, easy to operate, and perfectly balanced — in price ranges that everyone could afford.

Compass' phenomenal growth tells the story. From three dedicated owners working out of a converted greenhouse in 1971 to the present, Compass has built modern facilities covering four acres, staffed with the finest technicians, engineers, assemblers, and marketing experts to bring you the world's most complete line of metal detectors. In addition, thousands of dealers worldwide bring the largest results of Compass' sonar technology to you, the dedicated (or soon to be) metal detector user!

Abandoned homesteads and buildings provide intriguing possibilities for modern-day treasure hunters



# Treasure Hunting...Challengi

#### How Deep Will they Detect?

Depth of detection of any metal detector depends on several factors. Sensitivity and quality of the detector itself, operating frequency, circuit technology, user's ability, size and position of the object, size of the search loop, metal oxidation, soil mineralization and how long the object has been buried.

Detector frequency is important in that as the frequency goes up the ground penetration or depth of detection is reduced. This is one of the reasons BFO detectors that operate above 250 KHZ have much poorer depth of detection than the TR or TR Discriminators which operate in the 100 KHZ region. The new VLF detectors generally operate from 3 KHZ to 10 KHZ. This frequency added to the ground cancelling characteristic give the VLF ground eliminator unequalled depth of detection. It is VERY IMPORTANT to note that just because a detector operates in the VLF (Very Low Frequency) range does not necessarily mean it will have the revolutionary depth of detection. It must also have the ground eliminating characteristic.

Performance of a detector should never be measured by Air Sensitivity. Frequencies for a design type can be increased slightly to give good air tests on coins, however, their in-the-ground performance may be lacking. In-the-ground testing is the most meaningful proof that a detector is "HOT"!

Mineralization of the soil varies from area to area. As the ground mineralization increases, the depth at which any detector will find a given object decreases. The one exception to this is the TR/VLF ground eliminators. As an example, on the Florida beaches a small freshly buried coin can be found from 5" to 8" with a TR detector in the Standard mode. On the other extreme, using the same detector in many of the northern states, because of their high mineralization, the same freshly buried coin may only be detected from 3" to 4". The TR/VLF ground eliminator will detect this same coin (in the ground eliminating mode) nearly as deep in the low mineralized areas as in the medium to high mineralized areas.

Search loop size is an important factor for depth of detection of a given object. The detector sharpness of signal or sensitivity to a small sized object is also a factor of loop size.

The larger the loop the deeper it will detect coin sized objects or larger. Also the larger the loop the more area covered in each sweep. This is very important when relic or artifact hunting.

Smaller loops give a sharper response to small objects. An example would be the 3"B series loop for nugget hunting. A grain sized gold nugget would be detected quite easily with a 3" loop. The 5" B series loop is also a popular nugget loop and also is used for searching overhead cliffs, caves or cabin walls and ceilings. It would have more depth than the 3" loop and yet is lighter than the 8" loop for overhead work.

#### What Will they Detect?

Metals and magnetic minerals (iron ore or black magnetic sand) are detectable with metal detectors. Metal objects are those that will conduct electricity.

Gold	Lead	Surface water
Silver	Coins	pipes
Copper	Rings	Corner stakes
Brass	Watches	Sewer heads
Artifacts	Jewelry	Many others

The better the electrical conductivity of an object, the better the TR detector will detect it.

In addition to iron ore and magnetic sand, mineral objects can also be iron objects which have oxidized (rusted) to a point that they will no longer conduct electricity such as certain very rusty nails, tin cans, etc.

Some detectors such as the Compass "B" series have a tuning control that can be set for either metal or mineral detection. VLF detectors detect metals and minerals simultaneously in the ground elimination mode. The TR discriminators only have a Metal setting on the Tuning Control. However, mineral objects can be detected and will cause the detector to respond by a decrease in the tone output instead of the increase in tone given by a metal object. This is also true on the standard TR (B series) when the Tuning Control is set on the Metal setting.



The combination of healthy outdoor recreation with profit makes treasure hunting an alluring hobby.

#### A Hobby that Really Pays Off!

Today many thousands of Americans are spending their weekends and family vacations with metal detectors searching for treasure of all kinds — coins, relics, lost jewelry — even bottles and gold. These Americans are on the move into areas everywhere that harbor an abundance of lost, hidden, or buried treasure in city parks, countryside, and around abandoned houses, old battlefields, along dry river banks, along beaches, and — even in one's own backyard!

A little research at the local library will confirm that lost treasure is indeed "for real". Records indicate that there is more money lost or hidden than is in circulation today! Generally, one can get some idea as to where these caches have been lost or hidden. What it takes is some thorough research and a reliable metal detector to pinpoint the find!

The really "big" finds are not being made by the professionals alone. Thousands of Americans, young and old, are discovering that "coin shooting" can be very profitable — not only monetarily, but from the benefits of fresh air, and the exhilarating exercise of walking, bending, and the accompanying thrill of discovery!

Treasure hunting has become a truly major national family hobby! Witness the many treasure hunting clubs in almost every city in the country and the growing number of treasure hunting magazines and books!

Perhaps the main lure of treasure hunting today is its combination of healthy recreation with profit — a little time searching for coins, rings and other valuables around a previously used campground, for instance, has often yielded enough to more than pay for a metal detector!

Coins such as some Lincoln pennies can bring as much as \$35, Indian heads quite a bit more! Cast iron toys, bottles, old tools and guns can be worth hundreds of dollars!

The possibilities for finding hidden treasure are almost endless! Compass' more powerful and sensitive metal detectors are opening whole new vistas for relic hunters combing Civil War sites and other battlefields. New finds are being made on sites that were thought to have been thoroughly picked over!

Compass metal detectors are being used to find veins and other likely locations for gold prospecting — great for detecting the tiny nuggets not found while panning or sluicing! Metal detectors are almost a "must" for locating the old bottle dumps — and don't forget the time-honored pastime of beach-combing. Make it really pay off when you take along a metal detector!

#### COMPASS' 5 YEAR LIMITED WARRANTY

1 year on products retailing under \$100

COMPASS ELECTRONICS CORPORATION guarantees its detectors to be free from defects in materials and workmanship under normal use. If any defect does exist during the first calendar year after the date of original purchase, COMPASS will repair or replace, at its option, any defective product at no cost to the purchaser except transportation charges. During the second to fifth year after original purchase (excluding detectors retailing under \$100.00), COMPASS will replace any defective part excluding meters at no cost to the customer. All that will be charged during this second to fifth year is a nominal fixed labor, handling and return surface transportation charge of \$18.50. All such repairs will carry a 90-day parts and labor warranty for repairs that were made with all freight charges paid by customer.

This warranty does not include batteries and will not apply to any product which has been repaired or altered by other than COMPASS' own service department or authorized service center, so as in COMPASS' judgement, to adversely affect it, nor any product which has been subject to misuse, negligence or accident, or which has been operated contrary to sound practice or operating instructions. Refer to warranty card for return details.

# ng Fun for the Whole Family!

### Pat Smith — Discovers More of the Past with His Compass

Pat Smith is a fellow who has turned the rapidlygrowing hobby of relic hunting for Civil War artifacts into a fine art! Pictured on this page are just a few of the many "finds" Pat has made all within a few miles of the city limits of Raleigh, North Carolina.

Pat caught the relic hunting "bug" just four years ago when he went metal detecting with a friend "just out of curiosity".

Using his friend's detector, Pat reports that he was "hooked" as soon as he heard the insistent buzz of the borrowed detector and, lo and behold, he dug out of the ground a 58 caliber Union Mini ball!

Characteristically, Pat Smith did a lot of research, and talked to many metal detector users in his area before deciding on the detector that best suited his needs and be versatile enough for any treasure hunting situation. Naturally, he chose Compass' famous Relic Magnum.

"Leo Hammer (a Compass distributor) was a big help in getting me started in this hobby" reports Pat.

"Leo took me to some competition hunts where people were using metal detectors of all types and description", Pat continues, "and it was obvious that the Compass detectors were winning most of the trophies!"

Pat uses the same thoroughness he used in choosing his metal detector in researching his treasure hunting localities. His favorite areas are sites of Civil War skirmishes. He finds these by reading his history and "just asking around and taking lots of notes".

Other sites that prove productive for Pat are the camp areas where Union and Confederate armies are known to have bivouacked.

"These areas are usually good for such items as buttons, belt buckles, bayonets, swords and other military artifacts well over a hundred years old," Pat reports. Most of the ammunition he finds — bullets, Mini balls, cannonballs and shells — have been unfired!





Just a few of the relics Pat Smith has found treasure hunting with his Compass Relic Magnum.

Pat has found that his Compass Relic Magnum will locate artifacts at greater depths in areas thought to have been "totally worked out" by previous hunters. In effect, Pat Smith is "rediscovering" the Civil War!

Pat does not confine his hunting to Civil War areas, through. He has found the heavily mineralized black sand on the beaches of his native North Carolina to be no match for his Compass Relic Magnum!

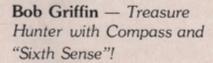
Once again, experimentation and careful research have provided a good return on coins and jewelry. Pat hunts at low tide in areas frequented by swimmers.

Pat says that while hunting on the beaches, he doesn't even have to use the Discriminate mode on his Relic Magnum — that he can tell by the tone his detector makes while in the Standard setting whether he's located a bottle cap or a possibly valuable find!

Pat Smith has just begun to turn the pages of time with his Compass detector! Pat reports that he's got three Revolutionary War sites picked out within thirty minutes travel time from his home—just waiting to be explored!

Meanwhile, you can be sure that Pat is asking questions and making plenty of notes!

Pat Smith is careful to fill in all holes dug while treasure hunting.



On the next page is a photograph of Bob Griffin with his collection of more than 25,200 coins! And this is but a small portion of many coins, rings and relics that Bob has found since he purchased his Compass metal detector!

Among the jewelry items Bob Griffin has found in his ten years of metal detecting are hundreds of rings—the most valuable of which was worth nearly \$2,000. It was a white gold ring, set with diamonds, which he found at the beach below the high tide mark during an extremely low tide.

On his regular trips to playgrounds, schoolyards and beaches, it was only a short time before he had found enough coins to make a substantial down payment on a 21½ foot Nomad travel trailer, which he pulls with his four-wheel-drive vehicle.

Another time on a metal detecting trip Bob found a 1925D gold quarter eagle—of all places, in a schoolyard about ten feet in front of a swing set.

(continued next page)

Some Civil War ammunition found in heavily mineralized soil.





# "An Estimated \$115 Million in

continued

"It had been raining, and the ground was wet," Bob remembers. "There were mud puddles everywhere. When I found it, it was so covered with mud that at first I thought I had found an Indian head penny. You can imagine my surprise when I rinsed it off and discovered that it was really a gold coin set in a gold bezel. Apparently someone had been wearing it and lost it while swinging. It is rather an unusual thing for a child to be wearing, but I can't figure how else that could have gotten there."

Bob Griffin has no particular secrets when it comes to finding good treasure hunting sites. He'll be driving along and suddenly he spots an area that looks good. "Istop the car," he says, "and get out my metal detector. If I'm lucky I might find a few coins, or a ring. I find my locations more by a "sixth sense" than anything else."

Bob's "sixth sense" treated him well when he stopped to search a hillside area a few miles from his home.

"The area is sparsely settled," he says. "It is rural, with horses grazing, and a lot of open spaces. I spotted this hillside with a lot of old trees and a few foundations of old houses. It wasn't long before I started coming up with silver halves, quarters, dimes, and even buffalo nickels. I have been back a number of times and each time I find more good coins."

Bob feels that possibly there is a coin cache buried somewhere on the hill, and more silver washes down with each rain.

"I realize that you can hunt an area, and someone can come along right behind you and find more coins," Bob muses, "but the supply here seems inexhaustible. There are just too many coins found each time. Ifeel pretty sure that one of these times we're going to come up with a sizable coin cache."

Bob has discovered that old equestrian trails are also excellent places to coinshoot. In addition to coins and rings, Bob came up with two dollars in a money clip buried in the dust alongside an old riding trail. "Lots of valuable items bounce out of people's pockets when they ride horseback," he states. Another place Bob likes to search is the grassy areas between the street and sidewalk. "People are always losing coins and things when they reach in their pockets for their car keys," he concludes.

Bob made up the 'LERC' (Lockheed Employees Recreation Club) coin board to enter in the club's monthly competitions. It consists of 11 silver dollars, 82 halves, 52 quarters, 150 mecury dimes and 34 Roosevelt dimes. The coins are all silver, and were found with his metal

These are but a few of the hundreds of gold and silver rings Griffin has found.



In addition to rings, relics, and other treasures, there are more than 25,200 coins in this photograph!

detector. The face value of the coins is \$83.40, and it is to Bob's credit that he won first place with this display.

The digging tools that Bob uses are mainly an icepick "probe," a small-bladed screwdriver, and a "plugging" tool he made out of a short piece of brass drain pipe. He uses this tool wherever people are sensitive about digging. He pinpoints the coin, plugs the ground (the plug usually separates right where the coin is), removes the coin and replaces the plug, leaving no evidence

Two dollars, folded in a money clip, was found buried in the dust along an equestrian trail.

whatever that the ground has been disturbed. Bob also has a small sand scoop he made to use in playgrounds under the swings, and a longhandled "French-fry basket" he uses at the beach.

In addition to treasure hunting in city parks and playgrounds, Bob Griffin enjoys relic hunting in ghost towns and old mining camps. His interests are as broad as the entire field of treasure hunting, and his success with his Compass detector testifies to his love for the hobby!

These nine silver dollars were found in a container buried in a children's play area.







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# Coins are Lost Every Year..."\*



(Top) Many of the watches Kay Modgling finds still work. (Center) Many of the rings she finds are in excellent shape. (Lower Right) These beautiful rings were once buried in the ground.

#### Kay Modgling — One-Woman Recovery Squad

Ask nearly any Southern California treasure hunter about Kay Modgling, and most likely they will instantly recognize the name, for not only does Kay regularly detect the beaches, playgrounds and parks, but her name is a household word when it comes to metal detecting contacts.

"I've placed in all but just a very few that I've entered," she explains. "As a matter of fact, I placed third in the women's division in the first hunt I ever entered!" The hunt was sponsored by the Prospector's Club of California, which annually holds one of the nation's biggest and most respected competitions. And in other years she has come in first in the Golden State Treasure Hound's hunt in Bakersfield, California, the Prospectors Club of Southern California National Championships, and the big hunt at Tulsa, Oklahoma.

Kay Modgling took up metal detecting some five years ago for health reasons. Previously she had worked as a registered nurse until she developed a serious heart problem and was forced to retire.

"As I was recuperating," Kay says, "the doctor told me to get out and walk slowly. I was bored to tears until I got my first metal detector."

Kay's first metal detector was a Compass 94-IB and she is still using Compass detectors today. During the past five years Kay has found more than 82,500 coins and about 1,000 rings.

Kay's coins date clear back to the very early 1800s, and include an 1804 Indian head penny, a liberty head dime dated 1831, and a number of even earlier foreign coins. Shield nickels and a half-dime are among the prizes she turned up with her detector, as is a \$5 gold piece found on the banks of the San Joaquin River.

About 40% of the rings that Kay comes up with are good ones, and the most valuable one was

"from WHEELS AFIELD, "Metal Detectors by Bob Kovacik"

worth \$7,500. A man had given it to his wife on their 35th wedding anniversary and it slipped off her finger at the beach. Upon seeing Kay with her detector, the man made a desperate plea for help, and Kay obliged. It took only a short time for her Compass detector to locate the lost ring in the deep, shifting beach sands!

"Ilike to hunt the beaches any time of the year, in any weather," Kay states. "You can really find a lot of coins and jewelry during a big storm when the breakers are 'cutting' the sand. Some of my best finds have been made below the water line in the wet sand during an extra-low tide." It is not unusual to find Kay and her husband Tom dodging breakers as they chase the receding tide in search of treasure. Once, during a 2-hour period, she found a record 251 coins—enough to excite the imagination of even the most experienced treasure hunter.

On the average, Kay hunts a couple hours at a time three or four times a week. At the end of each month she sorts and counts the coins she has found.

Kay keeps all her older coins in a safe deposit vault at the bank, and deposits the newer "clad" coins in her savings account. The clad coins that she found in a 4½ year period added up to enough to buy the Pinto automobile she drives today—and there was enough left over to make several long treasure hunting trips...one of them all the way to the East Coast.

As far as tips on using a detector, Kay advises that first you get a good metal detector, then learn to use it properly. The final ingredient necessary is a liberal measure of that good ol' "Irish Luck!"

Coins, religious medals, watches, trade tokens, rings and jewelry—and even a case of pen knives are among the interesting finds Kay has made with her Compass.

"If someone had told me five years ago that I'd be metal detecting in parks, digging around old buildings, and searching pre-turn-of-the-century dumps, I wouldn't have believed it," Kay states emphatically. "It just wasn't like me. I was even afraid to go camping. Now, next to my family, treasure hunting is the most important thing in my life!"

Kay's husband Tom sums it all up pretty well; "I had serious doubts when she got me started metal detecting. But it didn't take me long to discover just how much fun it really is. It is something that we both enjoy doing, and the best part is, we enjoy doing it together!"

### **Prospecting with Compass Detectors**

Areas that are known to have produced shallow and surface gold nuggets are fair game for the Compass VLF Relic Magnums. Search for nuggets in creek and river beds, and placer bars. Discarded dredge tailings are also proving profitable. The highly mineralized "black sand" where gold nuggets are found is eliminated while in the VLF mode. The recent rise in the value of gold and silver has created a new "generation" of prospectors!







# Why COMPASS is the World's Finest!

Loop Connecting Rod Ad-Loop connecting Rod Ad-justment — The patent-pending "no-slip" liberless rod adjustment easily adjusts rod to ANY preferred position with one easy twist of the wrist. And the rod stays SECURELY in position. Another Compass exclusive! Competitive detertors use, this combine, and detectors use a fiber ring which is far less reliable, and has a tendency to slip

Loop Angle Adjustment - Loop angle is completely adjustable. Without this feature, searching in awkward places such as under the steps or porch of an old house would be impossible! Once loop is adjusted to suit the individual user and terrain, large can still be adjusted slightly without loosening the thumbnut (without rubber discs, this would be impractically

### TAKE THE COMPASS CHALLENGE!

Below are just a few of the reasons COMPASS is best! Reasons why we confidently DARE you to visit your nearest Compass dealer and compare Compass against ANY competitive make! You will see for yourself that these are only a few of the prize-winning features that make Compass the most sensitive, powerful, and easiest to handle detector on the market today! Regardless of price!

Loop Restraining Clamp Insures against the cable accidentally being the loop angle is changed, this may seem like an insignificant feature, but

Touch Tuning — Saves valuable detect-ing time! No need to retune for ground. terrain or mineralization changes. Simply depress the Touch Tuning Control for instant retuning of the detect preset memory level. Automatic Mode - Featured on some models with Touch to a slight tone the detector will retune to that level for any ground change

COMPASS DETECTORS DISCOVER MORE THAN OTHERS...Prove it by going over areas previously worked by competitive detectors and you'll discover more! Compass detectors scan wider, deeper, more dependably, and much more easily! TAKE THE COMPASS CHALLENGE AND PROVE IT!

#### SEARCH LOOPS

Waterproof Loops - Search loops are constructed of high impact ABS thermoplastic. (The same material used on telephones, all-terrain vehicles, and snowmobile bodies!) Glare-free white reduces the effects of heat from sunlight. During manufacture, all loops are submerged in water to be sure that no air bubbles are present. Compass loops are lighter in weight due to foam inserts. This is an important factor often overlooked at the time of purchase. All loops are electronically or Faraday shielded to eliminate outside interference and "false

Scaled Discriminate Control progressively eliminates tin foil, rusty cans, bottle caps, nails and pull tabs

Toggle Switch lets you switch instantly from Standard mode to Discriminate mode when using Relic Magnum or Judge models. An-other Compass FAST FEATURE.

3 Tuning Control adjusts sound level for maximum sensitivity. On automatic models, the memory circuit remembers this setting when you use the Push-Button control or fully Automatic memory.

Manual or Automatic Selector -Toggle switch permits choice of either mode — use when opera-ting in standard detection or in any discriminate position. When used manually, the Push-button Tuning feature will still maintain maximum depth and

Battery Condition Check — Checks condition of batteries as shown on meter. Some models have push-button L.E.D. indicator light.

On-Off, Volume Control knob turns power on and adjusts speaker volume to a level of your choice. A must for headphone operation.

Ground Condition Control tunes out or minimizes background interference caused by highly mineralized soil, beach sand, high water tables, damp grass, and other outside interferences to give your Compass detector the best possible performance under even the most adverse conditions. Of course, this control is not necessary on Compass VLF detectors.

With COMPASS you get the highest stability possible in circuit design. Compass detectors feature the latest developments in integrated solid state circuitry, utilizing high quality U.S. manufactured major components and printed circuit boards to produce the best performance available. Circuits are designed in accordance with the most exacting specifications for shock, vibration, and humidity.

Precision Indicating Meter and Battery Check — Aids in locating and verification of deeply buried objects. Also used to meter battery

Speaker Disconnect included on some models. Turns speaker off when detector is laid flat! Eliminates bother-some noise while digging. Saves batteries too! Another Compass-inpovation!

> Clear-Tone New Clear-Tone
> Speaker is designed to
> be heard even in noisy
> areas. Sound level is
> adjustable with Volume
> Control on all models.

Battery Door nothing protrudes to catch on clothing or branches; no screws to get lost! Provides easy access to battery packs. Compass detectors

ures outlined on this page will vary from model to model depending on price and defor detailed specifications. Specifications can always be sure that precision and quality are standard throughout each and every instrument Compass builds, regardless of price!

> Compass detectors are lightweight. perfectly balanced! Many manufac turers do not list their detector weight. Weight is a very important factor often overlooked. One half pound can make a fatiguing difference.







### World's Top VLF/TR Discriminator Value

# RELIC MAGNUM ULTRA DEEP SEEKING VLF BISCRIMINATOR

**EASY TO OPERATE!** LIGHTWEIGHT AND PERFECTLY BALANCED!

Here is superior performance with INSTANT TOUCH TUNING! in either Ground Elimination (VLF) or Discriminate mode of operation at a price much lower The Memory than you'd expect! Features of this Circuit that Ineasy to operate and lightweight Relic Magnum 6 include: PUSH BUTTON TUNING. This is Compass' famous memory button! Instantly retunes itself gives you more time for hunting! TUNING CONTROL: Set it and forget it! When conditions cause a need for retuning, depress the Touch Tuning Control and the Relic Magnum 6 comes back into its original setting AUTOMATI-CALLY! GROUND TUNER: When in the VLF mode, this control tunes out mineralized ground. Lets you go deeper than you thought possible...up to twice as deep as non-VLF detectors in mineralized soil! TOGGLE SWITCH allows you to switch INSTANTLY from Discriminate to VLF mode! DISCRIMINATE CONTROL is scaled to let you progressively tune out foil, bottle caps, nails and pull tabs when in the discriminate mode! PLUS all the other features that have made Compass famous! Fully waterproof, lightweight, adjustable 8" Loop with cord restraint; Insulated Rod Stem; No-Slip (patent-pending) Rod Adjustment; easy-to-read Indicating Meter and Battery Condition Check; Clear-tone Speaker; Handy On-Off Volume control; Headset Input; and easy-on easy-off "sure lock" Battery Door.

It is important to note that the ground elimination (deep seeking) feature is only present while the RM 6 is in the Standard mode. Depth of detection in the Discriminate mode is similar to Compass' standard TR Discriminator models.

with 8" loop

Itself!

**\$294**95

with 8" and 12" loops

with 8" loop



#### RELIC MAGNUM ULTRA DEEP SEEKING VLF GROUND ELIMINATOR

The Relic Magnum 5 has all the fine features of the Relic Magnum 6 with the exception of Meter, Touch Tuning, and Discrimination. A push button light checks condition of batteries. The Relic Magnum 5 detects precious metals and rusty iron artifacts to great



This abandoned prospector's cabin is a good spor for searching

### Unequalled Depth & Discrimination!

### RELIC MAGNUM PROFESSIONAL **VLF/TR GROUND ELIMINATOR** PLUS DISCRIMINATION

THE CHOICE OF THE PROS!

Sensitivity Range Control allows the detector to be set for maximum depth of detection possible for the soil mineralization being searched.

#### ADDITIONAL **RELIC MAGNUM FEATURES:**

- VLF/TR (very low) frequency), (transmitter receiver) circuitry.
- Ground Tune Control.
- Target Indicating Meter.
- Detects Metals & Minerals in Ground Elimination mode.
- Toggle Switch for instant VLF/Discriminate mode selection.
- · Metered Battery Check.
- · Speaker Disconnect Switch.
- On/Off Volume Control.

- Insulated Loop Rod for greater depth.
- 8" waterproof Loop with Faraday shielding
- · Headset Input.
- · The lightest Pro VLF Model on the market - 41/2 lbs.
- · Operates from 3 packs of four 11/2V AA cells.
- Good VLF battery life 25 to 35 Hrs.
  Optional 12" loop
- for even deeper detection.

with 8" and 12" loops

with 8" loop only

WITH INSTANT TOUCH TUNING AND MEMORY CIRCUIT THAT INSTANTLY RETUNES ITSELF!



#### **EXPERTS AGREE!**

Tom Dickey, noted Civil War historian, author and collector, has made fantastic finds in areas considered to be totally "worked out" because of high soil mineralization or previous digs. VLF detectors such as the Relic Magnum have revitalized the hobby of Relic Hunting (particularly Civil War relics), and exciting finds are being made every day by users of VLF detectors. The ease of handling and light weight of the Compass Relic Magnum is an added advantage.



When coin hunting in areas that are abundant with nails or rusty iron scraps the detector will detect trash objects to great depths in the VLF mode. For areas of high trash content, Compass engineers have added a scaled Discrimination mode to the Relic Magnum Professional which can be progressively set to eliminate tin foil, nails, bottle caps, rusty iron and pull tabs. The VLF user should keep in mind that the ground elimination and deep seeking features which will detect objects up to twice as deep as non VLF detectors in mineralized soil are present only while the Relic Magnum is in its Standard Mode. Depth of detection in the Discriminate mode is similar to Compass' standard TR Discriminating Detectors.

# Finest Discrimination...Automatically!

detector! HERE IS NO FINER

TR DISCRIMINA

TOR THAN THE

J2-A FOR DEPTH

OF DETECTION

IN EITHER STANDARD

OR DISCRIMINATE

MODES OF OPERATION!

# the Judge 2 discriminator This discriminating detector does more, detects deeper, and is AUTO-

MATICALLY easier to handle than ever thought posible in a metal

**PUSH-BUTTON TUNING** 

MEMORY CIRCUIT

Maintains maximum sensi-

tivity in the Automatic

mode over all kinds of

terrain. When hunting in the Manual mode,

Push Button Tun-

ing instantly re-

tunes to preset

level!

with SPECIAL

The Judge Autos are known as the 4 in 1 TR Detectors! And with good reason: You get 1. FULLY AUTOMATIC OPER-ATION in either "Standard" or "Discriminate" mode with no loss of sensitivity or depth perception

2. PUSH-BUTTON TUNING 3. STAN-DARD FULL RANGE DETECTION that detects all metal objects - important when searching for artifacts as well as coins and precious metals 4. SCALED DISCRIMINA-

TION that progressively eliminates tin foil, most nails, small rusty objects, bottle caps, and pull tabs. It is important to note that while in pull tab reject most rings and the U.S. nickel coin will also be eliminated. This is a characteristic of all discriminators on the market.

Other features include:

- TR (Transmitter Receiver)
- Target Indicating Meter
- Ground Condition Control · Metered Battery Check
- Headset input
- · Speaker Disconnect Switch

· Extra Loud tone Speaker

- · Light weight: 41/4 pounds
- Operates from 3 packs of 4 Penlite AA Batteries
- Long battery life up to 40

\$284<sup>95</sup> \$329<sup>95</sup>

with 8" loop only

with 8", 12" loops

Judge 2 Auto or Judge 2 Auto Body Mount

(see page 13)



Same premium quality as the Judge 2 Auto in this economy version. Same quality features, also, with the exception of the Ground Condition Control. The J1-A will accept optional 12" loop.

Judge I Auto

with 8" loop

Judge 1 Auto Body Mount less indicating meter with 8" loop

This turn-of-thecentury threshing machine provides locale for relics



### Performance, Quality at a Low Price!

# the Judge 6

discriminator

### with TOUCH TUNING

This is the popular discriminating detector that has all the others beat for quality and price! DOLLAR FOR DOLLAR YOUR

BEST DISCRIMINATOR BUY!

PUSH-BUTTON
TUNING instantly
retunes to a pre-set
level stored in the
special memory
circuit!

Operates in STANDARD
FULL RANGE DETECTION
mode that detects all metal objects
(especially important when relic or
artifact hunting) . . . then switch instantly (by using the toggle switch) to the
SCALED DISCRIMINATE control to progressively tune out tin foil, bottle caps, nails
and pull tabs. (In the higher settings depth of
detection is less, as with all discriminators.) In
pull tab rejection setting most rings and the U.S.
nickel coin will also be rejected. This is a characteristic of all discriminators on the market.
This economical discriminator is able to give you most
of the additional quality features you've come to expect

- TR (Transmitter-Receiver) circuitry
- 8" waterproof Search Loop
- · Indicating Meter

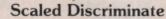
from Compass:

- Metered Battery Check
- Tuning Control for maximum sensitivity
- On/Off Volume Control
- Headset input

- Operates from eight 1½V AA cells with 40 to 50 hours operating life
- New longer handle for
- better balance
- Light weight: 3½ pounds

\$19995

with 8" loop





rejects

detects

# the Judge 5

For the discriminating budget buyer!
Comes with same TR circuitry and
Scaled Discrimination as the Judge 6.
The Judge 5 differs in that the Meter and
Touch Tuning Control

Touch Tuning Control are not included. The Judge 5 has a push button Battery Check Light so that battery strength can be monitored.

\$15995

with 8" loop



The Judge tells the difference between trash and treasure.



### Our "B" Series...Tried & True



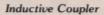
Detectors for Special Purposes



LOCATES: pipes, cables, conduit, gas lines, sewer heads, septic tanks, manhole covers, meter boxes, vaults, and all large buried metal objects. This amazing detector is used by telephone and power companies, seuage and water departments, contractors, cable TV companies, etc. There is no detector that will detect a Treasure cache deeper than the Pipe Seeker 5 - up to 40' on a large chest.

TRACES: pipes, cables, conduit, gas lines, non-metalic pipe or ducts (using auxilliary tracer transmitting unit), and electrical conduit (without interfering with current when using Inductive Coupler.) The Pipe Seeker 5 is the most versatile line locator on the market today. With the use of the inductive coupler and the "Snooper" (Pat. No. 3,597,680), the Pipe Seeker's locating abilities are almost endless. The Snooper is the only detector on the market for locating non-metallic pipe.







Sewer Snooper

THE MOST EFFICIENT, VERSATILE LOCATOR/ TRACER AVAILABLE TODAY!

Choice

Of The

Pipe Seeker 5

**Professionals** 

\$4699



Inductive Coupler \$159<sup>50</sup>

Has battery check light. Simple to operate! Tuner and power switch are combined. The built in speaker sounds off loud and clear! Six-inch

> Includes carrying case and battery

Sewer Snooper

\$17950



TR 105 CONCEALED METAL

### SEARCH DETECTOR

This small, self-contained and ruggedly built unit is designed for police departments, security organizations, etc., and is designed to go anywhere (as opposed to stationary doorway metal detectors). Detects all metals such as concealed guns, knives, etc. and will detect very small objects such as bullets, rings, razors, coins, cigarette lighters, etc. The CUE metal search detector is completely transistorized and is powered by one nine-volt transistor radio battery.

### COMPASS DEALERSHIPS AVAILABLE IN SELECTED AREAS: Compass Electronics carefully

franchises dealerships across the world to insure the best possible representation and service to Compass product owners. Many Compass dealers are dedicated treasure hunters just like yourself! Compass prides itself in the finest dealer program in the industry. Compass provides its dealers with the best advertising, training programs, and products for highest profit potential. If you think that you might be interested in just such a dealership write the Compass Electronics Marketing Department.

#### **COMPASS BODY MOUNTS...**

Many treasure hunters prefer the versatility provided by a body mount style detector. Compass body mounts are designed for rugged use. Excellent for probing water, overhead objects, brushy areas, and Nugget hunting. Compass models available in body mount versions are: 908 (Same circuitry and controls as the 948): 788 (Same controls and circuitry as the 778) - comes with 5" and 8" loops or 8" only; and Judge 2 Auto Body Mount (same as JZA). All body mounts come complete with belt strap and adjustable search rod. Search loops for body mount models incorporate 80".



Checking Walls and Rafters



Probing in Streams and Underwater



Probing Rocky Ledges and Overheads

# A Field Tested Accessories

stereo headphones



These deluxe stereo type headphones have separate volume controls for EACH earpiece. Be more perceptive and catch those faint "blips" that indicate a deeply buried "find". "Out of the way" coiled cord comes with 90 degree

comes with 90 degree jack that rests flush against detector housing. Softly padded for extra comfort!

\$1795

### battery charger



Rechargeable batteries \$2.20 each. 12 required in addition to battery charger.

This powerful Battery Charger. designed exclusively for most Compass detectors, will fast-charge nickelcadmium batteries for Compass detectors that operate from three each battery packs that contain four each AA cells per pack. Easy availability of nickelcadmium batteries make this a practical and valuable accessory. Features extremely fast recharging capabilities (3 to 4 hours) and charges all three battery packs simultaneously! Nickel-cadmium batteries hold a level, steady charge longer than an ordinary battery's entire life! Can usually be recharged from 500 to 1,000 times. A real dollar saver for the treasurer hunter.

# speed handle Great for treasure hunts where speed is

orea for treasure nums where speed is essential and gives longer periods of operation with minimum fatigue. Easily attached to rods of either the body mount or rod mount detector.

\$1495

# carrying cases

Super-strong carrying cases protect your detector against hard knocks. Fits all Compass detectors (except Coin Hustlers). Padded interior for custom fit. Sturdy leather-like exterior. Deluxe model features molded ABS cycolac exterior.



Deluxe



### tee shirts

Let 'em know you're part of the Compass Recovery Team! These comfortable and \*durable Tee Shirts come with attractive design in green, gold and black. Available in men's sizes: S, M, L, XL.

Metal detecting is likely to take you

where you'll need protection from the

elements. The Kelly green jackets zip

up the front and are trimmed in white, black and gold. Jackets are 100%

Available in Men's sizes: S, M, L, XL

nylon and water repellent.

### compass caps



Good-looking protection from sun and cold. Kelly green with embroidered patch. Two sizes: S/M (6 to 6%); and M/L (7 to 7%).

### snap-on stand



Easily snaps onto loop rod on bottom side of Compass detectors. Keeps detector upright while digging. Protects against dirt and scratches.

\$195

### detector bag



### extra long loop cords

Compass loops can be ordered with or changed to these longer cord Additional Cost

compass jackets

10' - \$12.50 15' - \$17.50

20' - \$19.50

人

#### zero-buoyancy loops



Filled with epoxy to eliminate the "cork" effect in water. Comes complete with 10' of cord. \$23.50 additional

# COMPASS

#### cloth patch

Two-color embroidered patches go on jackets, shirts or caps.

\$.95

### snap-on loop covers

Snap-on coil protectors give your loop a second skin . . . guards against wear from abrasive sand, gravel and sharp rocks. Molded from high impact ABS plastic . . . Designed to slide smoothly over rough and rocky ground. Easy to snap on and just as easy to remove.



### job-rated loops

3" Loop

Ideal for pinpointing small gold nuggets and ore veins Fits "B" series only. \$69.50

5" Loop

Ideal for one vein searching, nugget hunting, or searching overhead structures (cabin walls, cliffs, etc.). Fits all "B" series only. \$69.50

8" Loop

Most popular for all-around treasure hunting, coin shooting, larger nuggets. Available for all models except Coin Hustler Series. \$69,50

12" Loon

Compass famous "deep searcher" for maximum depth and ground coverage. Popular with relic hunters and com searchers able.

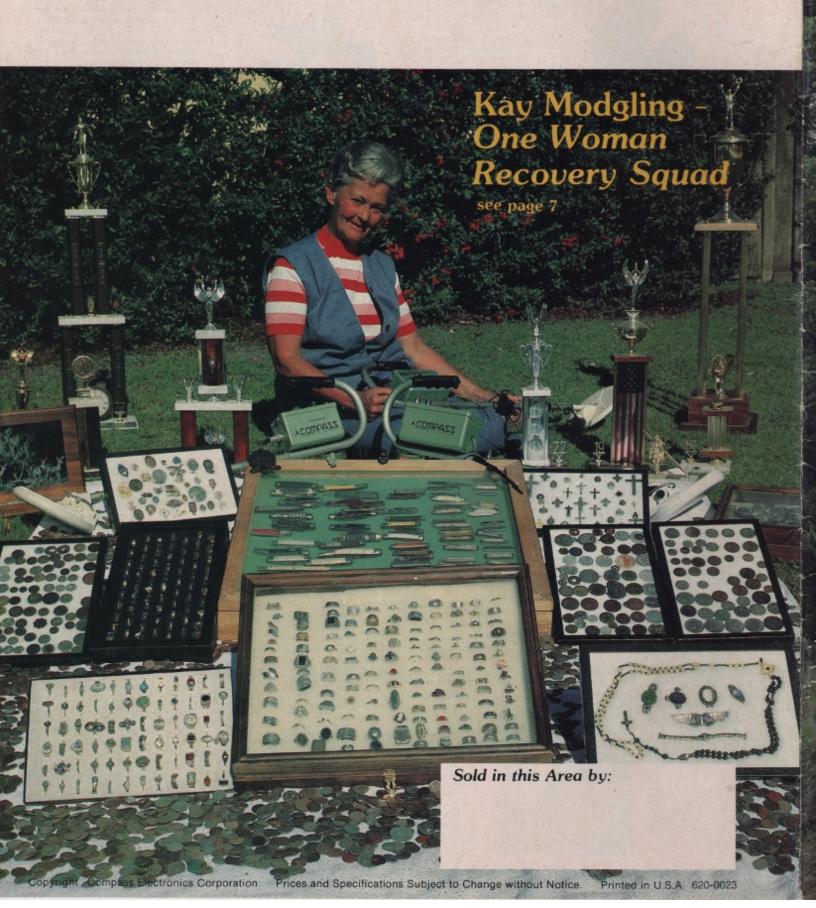
\$72.50 - "B" series, Judge I, Judge II, and Judge II BM. \$82.50 - Relic Magnum and Relic Magnum 6.



In general, the smaller loop is more sensitive to smaller objects while the larger loops will detect at greater depths with less sensitivity to the smaller objects.



P.O. BOX 366 3700 24th AVE. FOREST GROVE, OREGON 97116.





#### **DEALER PRICE LIST** and DISCOUNT SCHEDULE

	Detectors	List	Cost	Accessories	List	Cost	
	77B w/8 & 12	\$289.95	\$202.97	Headphones	\$ 17.95	12.57	
	77B w/8 only	244.95	171.47	Snap on stand Detector bag, std.	1.95 14.95	1.37	
	76B Body Mount w/5 & 8 76B Body Mount w/8 only	289.95 244.95	202.97 171.47	Carrying case, std. Carrying case, dlx.	39.95 49.95	27.97 34.97	
	71B	219.95	153.97	6" cover (Coin Hustler)	3.95	2.77	
	99B 94B 90B Body Mount	174.95 144.95 144.95	122.47 101.47 101.47	8" cover 12" cover Speed handle	3.95 4.95 14.95	2.77 3.47 10.47	
	Nugget (84B)	114.95	80.47	Tee shirt (S, M, L, XL) Unlined jacket (S, M, L, XI	8.95	6.27	
	Coin Hustler I Coin Hustler II	64.95 84.95	45.47 59.47	Lined jacket (S, M, L, XL Baseball cap (Sm 6 - 6 5/ Med 7 1/4 - 7 3/4)	) 25.95 8 8.95	18.17	
	Judge II Auto w/8 & 12	329.95	230.97	Cloth patch	.95	.67	
	Judge II Auto w/8 only JIIA Body Mount w/8 & .12	284.95 329.95	199.47	Battery Charger(less			
	JIIA Body Mount w/8 only	284.95	230.97	batteries Rechargeable batteries	24.95	17.47	
	Judge I Auto JIA Body Mount (no meter)	249.95 199.50	174.97 139.65	12" RM or RM6 loop	82.50	57.75	
	Judge 6	199.95	139.97	12" B or JA loop 8" loop (specify model)	72.50 69.50	50.75 48.65	
	Judge 5	159.95	111.97	5" loop (B Series only) 3" loop (B Series only)	69.50 69.50	48.65 48.65	
	Relic Magnum w/8 & 12 Relic Magnum w/8 only	399.95 344.95	279.97 241.47	Epoxy filled loops w/10' (This cost is in addition	23.50 to	16.45	
	Relic Magnum 6 w/8 & 12 Relic Magnum 6 w/8 only	294.95 239.95	206.47 167.97	the loop price. Epoxy is standard on 3" loops)			
	Relic Magnum 5	169.95	118.97	Speaker disabling switch	18.00	12.60	
	Pipe Seeker V Inductive Coupler	469.95 159.50	328.97 111.65	<pre>(standard on some models; factory installation only)</pre>			
	Sewer Snooper	179.50	125.65	Extra cord length availab	e on loops for		
	Metal Seeker I	179.95	125.97	additional charge as show			
	TR 105	139.95	97.97	10" cord 15' cord 20' cord	12.50 17.50 19.50	8.75 12.25	
	Dealer Sales Aids:	Deale	er Cost	20 0014	19.50	13.65	
Corrugated Display Stands 6 for (avail. in multiples of 6)		9.00	NOTE: All List & Cost of	vricos aro	5 O B		
D1 D 1			15.00	. o. oot allove, or egon		r. O. B.	
			1.00				
Ad Slicks		N/C					
	COMPASS Check Points (bi-monthly dealer newsle	etter)	N/C	charged 1½ % per month on the ubalance		inpaid	

Prices are effective June 1, 1978 for all units except Relic Magnum 6 & Pipe Seeker V. Prices on the Relic Magnum 6 became effective April 1, 1978 and the Pipe Seeker V price was effective March 1, 1978.

Prices and specifications subject to change without notice.