

# COMPASS

## Treasure Hunting Guide



Coin shooting expert Kay Modgling displaying a small portion of her over 250,000 coins and hundreds of rings found in a 12 year period of treasure hunting. Each year Kay fills an old 5 gallon milk can in coins alone found off California beaches. Kay's favorite detectors are the COMPASS Challenger X series and Gold Star 1000.



**World's Finest Professional Metal Detectors**

# COMPASS

## DEAR FELLOW TREASURE HUNTER

We at Compass very much appreciate your interest in our professional metal detectors. It is our hope that you find our products to be second to none, and that you find metal detecting to be as enjoyable, rewarding, and healthy as we have.

Through valuable finds, many of our Compass customers have paid for their detectors many times over. It is truly a hobby which pays.

Throughout our 14 year history, our engineers have used the latest technology to meet your treasure hunting needs. Today our customers expect more from their equipment than ever before, and Compass delivers: advanced detection equipment, outstanding quality, and a variety of models to choose from to suit all your treasure hunting needs.

Please don't hesitate to contact us with any questions you may have. We are always pleased to hear from our treasure hunting friends, and to learn how our equipment is meeting your requirements.

## Selecting the Right Metal Detector

### 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 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.

### Detector Depth of Detection

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 head, metal oxidation, soil mineralization and how long the object has been buried.

Performance of a detector should not totally be judged by measured air sensitivity. Frequencies for a design type can be increased slightly to give good air tests on coins, while 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.

Search head 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 search head size.

The larger the search head, the deeper it will detect coin sized objects or larger. In other words, an 8" search head will detect deeper than a 6" search head. Also, the larger the head the more area covered in each sweep. This is very important when relic or artifact hunting.

Smaller search heads give a sharper response to small objects. An example would be the 3" Coin/Nugget Probe for nugget hunting. A grain sized gold nugget would be detected quite easily with a 3" search head. A 12" search head will detect 20% deeper than the 8". The 16" head will detect 40% deeper than an 8".

## A Family 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, 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, in the countryside, around abandoned houses, near old battlefields, along dry river banks, along beaches, — even in your 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, and bending that accompany the 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 gold nuggets and veins and other likely locations for gold prospecting. Metal detectors are almost a "must" for locating the old bottle dumps. And, don't forget the time-honored pastime of beachcombing! Make it really pay off when you take along a metal detector!

# Your Assurance of **QUALITY!**

## GOLD STAR 400

Price

### OPERATE MODES

- ★ All Metal Ground Balance
- ★ GB-Discriminate
- ★ TR-Discriminate

### TRASH/TREASURE INDICATING METER

### CONTROLS

- All Controls with Pre Set Setting
- On/Off Tuning
- Ground Balance
- Discriminate
- Sensitivity

### FEATURES

- 8" Waterproof Co-Planar Concentric Search Head-3", 12" and 16" optional heads available
- Operates from 2 Battery Packs (containing 4 ea. 1½V AA cells)
- Dual Electronic Mode Selection and Touch Tuning Push Buttons
- Excellent Balance and Light Weight 4½ lbs.
- All Aluminum Electronics Housing and Rod



## GOLD STAR 200

Price

### OPERATE MODES

- ★ All Metal Ground Balance
- ★ GB-Discriminate
- ★ TR-Discriminate

### TARGET SIGNAL LED LIGHT

### CONTROLS

- All Controls with Pre Set Setting
- On/Off Tuning
- Ground Balance
- Discriminate
- Sensitivity

### FEATURES

- 8" Waterproof Co-Planar Concentric Search Head-3", 12" and 16" optional heads available
- Operates from 2 Battery Packs (containing 4 ea. 1½V AA cells)
- End of handle Mode Selector and Touch Tuning Switch
- Excellent Balance and Light Weight 4½ lbs.
- All Aluminum Electronics Housing and Rod



## LIBERTY 100

Price

### COMPASS' SIMPLEST PROFESSIONAL QUALITY DETECTOR

### FEATURES

- VLF automatic ground balancing slow motion discriminator
- Automatic tuning
- Two modes of operation for target signal comparison — ALL METAL and variable VLF trash elimination.
- Target signal indication and battery check LED light
- 8" waterproof co-planar concentric search head
- Headset input
- 9V power source (6ea. AA)
- All metal housing and rod
- Exceptional balance and Light Weight 2¾ lbs.



## MAGNUM 240

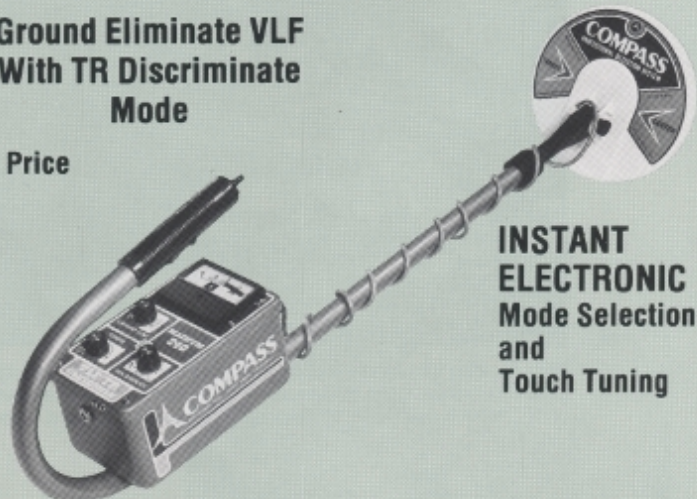
### Ground Eliminate VLF With TR Discriminate Mode

Price

### INSTANT ELECTRONIC Mode Selection and Touch Tuning

### FEATURES

- Easy view Trash/Treasure Indicating Meter with Battery Check
- Adjustable Discriminate
- Ground Eliminate Control
- On/Off Tuning Control
- All Aluminum Electronics Housing and Rod
- 8" Waterproof Search Head-3" and 12" Optional Heads Available
- Operates from 6ea. 1½V AA Cells
- Light Weight 3½ lbs.



# Records indicate that there is more money lost or hidden than in circulation today!

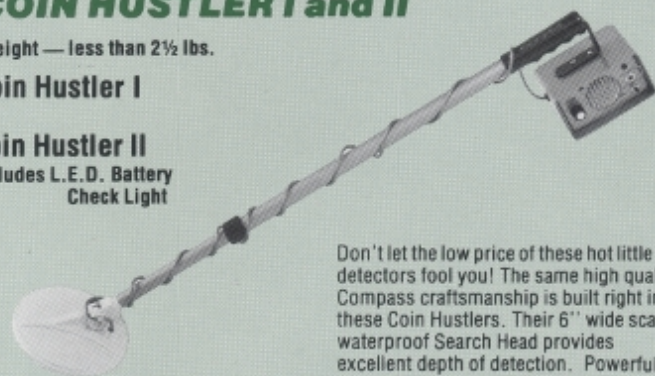
## COIN HUSTLER I and II

Weight — less than 2½ lbs.

### Coin Hustler I

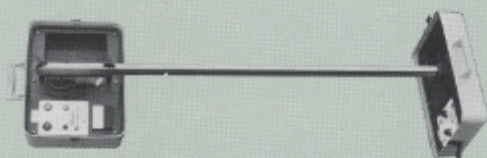
### Coin Hustler II

Includes L. E. D. Battery  
Check Light



Don't let the low price of these hot little TR detectors fool you! The same high quality Compass craftsmanship is built right into these Coin Hustlers. Their 6" wide scan waterproof Search Head provides excellent depth of detection. Powerful 6 cell AA battery pack included.

## treasure cache and pipe and cable tracing.



There is no detector that will locate a treasure cache deeper than COMPASS' two box P. S. V. A two box detector is designed for large objects only. It will not detect coin-sized targets.

Under lightly mineralized ground, a 1 sq. foot object can be detected at 7', a 2 sq. yards object to 25 feet. Pipes have been traced up to 40' deep.

## NORTH AMERICAN GOLD DREDGE

Professional Lightweight  
2" Dredge Models

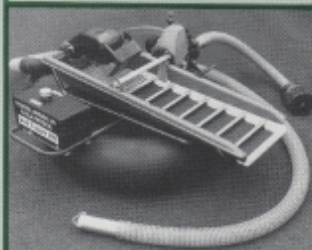
202 PRO  
58 lbs.



### RUGGED MINING CONDITION FEATURES:

- For unequaled ease of priming, Pro-Power Jet includes integral swinging gate valve. Doubles as means of unplugging hose of obstructions.
- All-metal 80 GPM pump and impeller — NO plastic used.
- All-metal foot valve. Our foot valve will not float and needs no anchor!
- Rugged 35cc, 2.1 h. p. engine featuring needle-roller bearings and a carburetor with real fuel pump — no reed valves.

NAGD is a wholly owned division of COMPASS ELECTRONICS CORP., the Electronic Gold Detection Experts.



200 BACKPACKER  
Light Weight (38 lbs.)  
Inner Tube Flotation

Write for a free Catalog.

NORTH AMERICAN GOLD DREDGE  
PO Box 366 • 3700 24th Ave.  
Forest Grove, OR 97116

## OPTIONAL ACCESSORIES FOR EVERY TREASURE HUNTING NEED

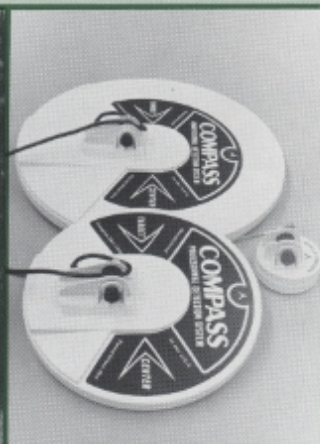
See your dealer or price list for details

Hip Mount Conversion Kit

Search Heads, 3', 12", 16"

Stereo Headset

Ball Cap



Detector  
Bag

### OTHER COMPASS ACCESSORIES

- Backlighted Meter Kit for Night Hunting
- Search Head Protective Covers
- Detector Off the Ground Field Stand
- Zero Buoyancy Heads for Water Working
- Rechargeable Battery System
- Compass Recovery Team Shoulder Patch
- Rod Extensions for Tall Operators or Water Working
- Arm Rest for Magnum Detectors

# CHALLENGERS X-80 and X-70

COMPASS Guarantees That The CHALLENGERS  
Will Equal or Outperform Any Other Metal  
Detector On The Market Today!



## FEATURES COMMON TO X-70 and X-80

### VARIABLE CONTROLS

- All Controls with Pre Set Setting for Ease of Operation
- On/Off Tuning
- Ground Balance
- Sensitivity
- Volume
- Automatic Tuning Speed
- Discriminate
- Target Level
- Audio Speaker Tone

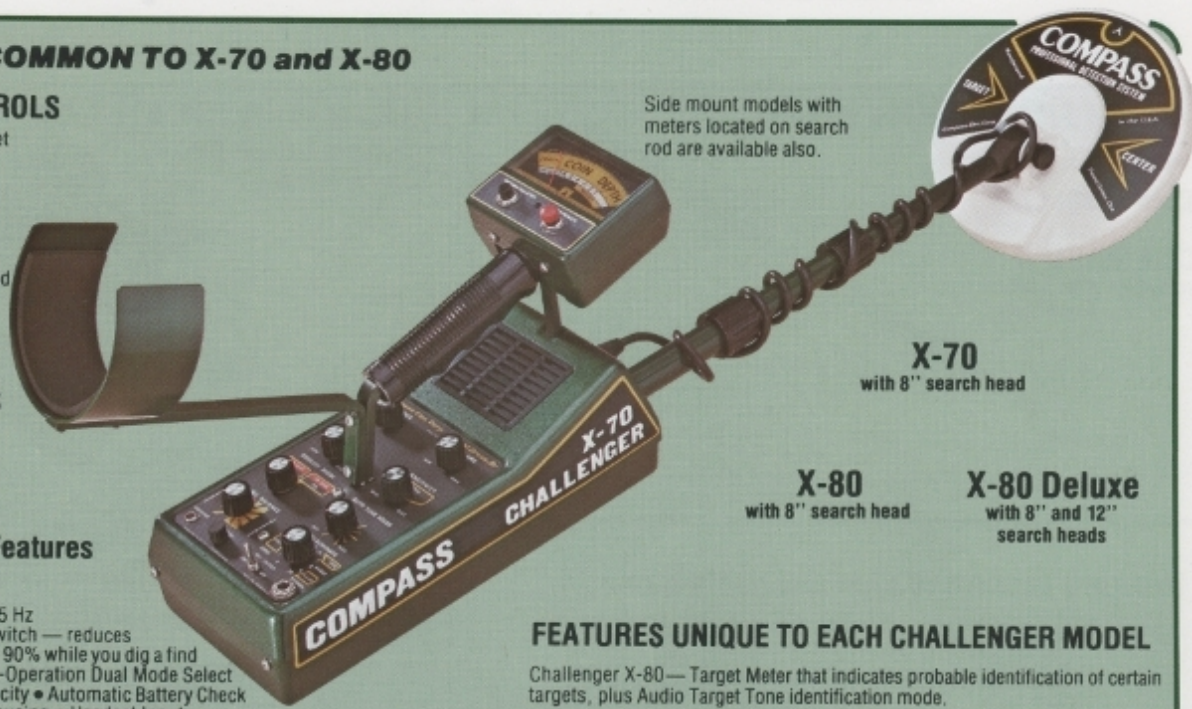
### OPERATE MODES

- All Metal Ground Balance
- GB-Discriminate
- TR-Discriminate

### Other Important Features

- Metered Depth of Coins
- Crystal Controlled 6.875 Hz
- Mercury Speaker Tilt Switch — reduces battery consumption by 90% while you dig a find
- Revolutionary Mode-of-Operation Dual Mode Select Push Buttons for Simplicity • Automatic Battery Check
- All Metal Electronics Housing • Headset Input
- Dual Rod Length Adjustment for Storage Without Disassembly

Side mount models with meters located on search rod are available also.



**X-70**  
with 8" search head

**X-80**  
with 8" search head

**X-80 Deluxe**  
with 8" and 12" search heads

## FEATURES UNIQUE TO EACH CHALLENGER MODEL

Challenger X-80 — Target Meter that indicates probable identification of certain targets, plus Audio Target Tone identification mode.

Challenger X-70 — Trash Treasure Indicating Meter.

# GOLD STAR 1000

## CONTROLS

- **PRE SET** — setting for ease of operation of all controls
- **ON/OFF TUNING**
- **MODE SELECTION** — Ground Balance, Ground Balance Discriminate, and TR Discriminate.
- **DISCRIMINATE CONTROL** — Adjusts to distinguish between "good" and "junk" (screw caps, pull tabs, nails, bottle caps and foil) items. Factory calibrated zero discrimination for prospecting applications. Can be set to eliminate salt water for beach hunters.
- **SENSITIVITY** — Under normal conditions, there is no other detector more sensitive than the GOLD STAR. The depth capability is an important industry advancement, and can be



### Target Identification Meter

Industry's best meter separation of pull tabs from rings & nickels.

adjusted according to soil conditions and operator proficiency.

- **FULL-TIME METERED TARGET IDENTIFICATION** — In all modes. Set to high level of audio discrimination to eliminate pull tabs/screw caps while correctly identifying nickels and rings on visible target meter, and with just one sweep over target.

## SPECIFICATIONS

- **WEIGHT** — 4½ lbs.
- **POWER REQUIREMENTS** — 8ea. 1½V AA Batteries
- **FREQUENCY** — 6.875 kHz, crystal controlled
- **AUDIO FREQUENCY** — 430 Hz
- **TEMPERATURE RANGE** — 33° to 100°F (0° - 38°C)
- **HOUSING** — All-metal electronics housing for better shielding against electromagnetic radio frequency interference

## FEATURES

**SPECIALLY DESIGNED**, full-scan, waterproof, lightweight co-planar concentric search heads.

**AUTOMATIC BATTERY CHECK** for approximately 4 seconds each time you turn on your GOLD STAR detector.

**EARPHONE INPUT JACK**

**GOLD STAR 1000**  
with 8" search head

with 8" and 12" search head





# COMPASS

**ELECTRONICS CORPORATION**

PO Box 366, 3700 24th Ave., Forest Grove, OR 97116 (503) 357-2111



Trish Clark is shown with her X-70 and numerous treasures she has located. A northern California treasure hunter and detector dealer (The Detector Lady), Trish enjoys scouring mining camps, ghost town hunting, coin shooting, and dredging for gold with her North American Gold Dredge equipment.



A fantastic nugget display valued at \$200,000. All were found by a proud prospector with his metal detector only! Nugget weight is from 1/4 oz. to 19 oz. COMPASS' optional 3" Gold/Coin probe is very popular for nugget hunting.



A 720 oz. nugget found with a ground eliminate detector. Currently valued at over \$1,000,000, this nugget was found in Australia and is the largest in existence. It is on display at the Nugget Casino in Las Vegas. Nugget hunting is becoming more popular and productive as a result of the VLF circuit technology.



Relic hunting throughout the world for war artifacts can be exciting and profitable. COMPASS detectors are designed to eliminate mineralized soil found at many of these sites. An optional 12" or 16" search head is recommended for wide coverage and deeper depth of detection.



In an old house which was being torn down, Jim Turner located a leather pouch under a pile of trash. Pictured are the numerous silver certificates and silver coins, as well as many other coins, that were found in this single cache discovery worth thousands. Currently Jim uses the Challenger series exclusively for treasure hunting.

## COMPASS' METAL DETECTOR 5 YEAR LIMITED WARRANTY

All COMPASS metal detectors and optional search heads are protected by a limited 5 year parts and labor warranty, (1 year on detectors retailing under \$200.00). WRITE FACTORY OR SEE YOUR DEALER FOR A COPY OF THE COMPLETE WARRANTY.

Warranty is transferable (to second, etc., owners) during life of warranty. To validate your warranty, the warranty card must be signed by the authorized COMPASS dealer from whom you purchased your detector.

Prices and Specifications Subject to Change without Notice.

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