

COMPASS

**Treasure
Hunting
Guide**



World's Finest Professional Metal Detectors

COMPASS Guarantees That the CHALLENGER Will Equal or Out-perform Any Other Metal Detector on the Market Today!

CHALLENGER X-70 and X-80 — COMPASS' Newest Series of Professional Detectors

Both models include the features listed below. In addition, the X-80 incorporates meter and audio discrimination that indicate probable identification of certain targets, plus Audio Target Tone Identification Mode.

VARIABLE CONTROLS

- On/Off Tuning
- Ground Balance
- Sensitivity
- Volume
- Automatic Tuning Speed
- Discriminate
- Target Level
- Audio Speaker Tone

CHALLENGER X-70

with Coin Depth Indicator

with 8" Search Head



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 Push Buttons for Simplicity
- Automatic Battery Check
- All Metal Electronics Housing
- Headset Input
- Dual Rod Length Adjustment for Storage Without Disassembly

CHALLENGER X-80

with Audio and Metered Target Identification and Coin Depth

with 8" Search Head Only

Both models currently include the following FREE ACCESSORIES:

Free Rechargeable Battery System
Free Arm Rest (Total Retail Value of \$67.10)

CHALLENGER SIDE-MOUNT MODELS

Feature Indicating Meter with Dual Mode Selector Push Buttons located on Search Rod. Functional and lightweight, this system is very popular with serious hunters. Same controls and performance as standard units.

X-80 SIDE MOUNT WITH 8" SEARCH HEAD

X-70 SIDE MOUNT WITH 8" SEARCH HEAD

Prices include anodized aluminum Side-Mount Platform, Rechargeable Battery System and Back-Lighted Meter Kit



RELIC MAGNUM 7 Automatic COMPASS #1 VLF/TR DISCRIMINATOR

With 8" Search Head

Instant Electronic Mode Selection and Touch Tuning



- Easy View Trash/Treasure Target Meter with Battery Check
- Adjustable Discriminator
- Fully Automatic Mode
- Variable Sensitivity
- Audio Output Tone Control
- Ground Cancel Control
- Audio Cut Off Lay Down Mercury Switch — saves battery life
- Headset Input
- Operate Frequency 3.75 kHz
- Light Weight 4 1/2 lbs.
- Three Optional Waterproof Co-planar Concentric Search Heads — 3", 12" and 16"



A 720 oz. nugget found with a ground eliminate VLF automatic 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.



Treasure hunter Andy Sabisch is shown with his X-70 and some of the coins and relics he has found. Coin shooting, beach hunting, diving for jewelry, cache hunting, ghost town hunting — all interest Andy. One of his favorites is searching for relics, particularly of the Civil War era. For relic hunting, Andy prefers a larger 12" or 16" search head for more depth.

MAGNUM 420 SPECIAL Industry's Best Buy!

Includes Free of Charge

- Stereo Headset
- Field Operation Audio Cassette
- Protective Field Search Head Cover
- Field Upright Detector Stand
- COMPASS Cap

Instant Electronic Mode Selection and Touch Tuning

Ultra Deep Detecting Ground Eliminate VLF

With Discriminate Mode

- Easy View Trash/Treasure Target Meter with Battery Check
- Adjustable Discriminator
- Ground Cancel and Sensitivity Control
- All Aluminum Electronics Housing and Rod
- Operates from Battery Pack (Containing 6 ea. 1½ V (AA) cell)
- Excellent Balance and Light Weight 3¾ lbs.
- 8" Waterproof Search Head — 3" and 12" optional Heads Available. Instant Electronic Mode Selection and Touch Tuning

MAGNUM 240 Ground Eliminate VLF With Discriminate Mode

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

INSTANT ELECTRONIC Mode Selection and Touch Tuning

COIN HUSTLER I and II

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. Circuitry is housed in sturdy aluminum shaft with adjustable length. Powerful 6 cell AA battery pack included.

Coin Hustler I

Coin Hustler II

Includes L.E.D. Battery Check Light
Weight — less than 2½ lbs.

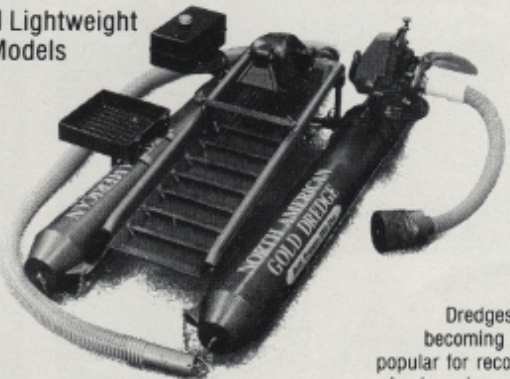
OPTIONAL ACCESSORIES FOR COMPASS DETECTORS

- Hip Mount Conversion Kits
- 3" Coin/Nugget Probe
- 12" Deep Search Head
- 16" Ultra Deep Search Head
- Backlighted Meter Kit for Night Hunting
- Search Head Covers
- Stereo Headset
- Zero Buoyancy Heads
- Protective Detector Bags
- Rechargeable Battery System
- Many Others — Check with Your Dealer or Factory for Which Accessory is Available for Each Model.

NORTH AMERICAN GOLD DREDGE

Professional Lightweight
2" Dredge Models

(Pontoon flotation as shown)



Dredges are becoming very popular for recovery of coins, rings, and jewelry from popular swimming areas

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. Write for free Catalog.

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

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!



COMPASS
Electronics Corp.

P.O. Box 366 — 3700 24th Ave.
Forest Grove, Oregon 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.



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.



Coin shooting expert Kay Modgling displays a small portion of her 150,000 coins found in a 7 year period. Her 150,000th coin was a 1925 Buffalo Nickel found at General Patton's World War II training camp in the California desert. Kay's favorite detector is the Challenger X-70.

Prices, specifications, and availability subject to change without notice. **620.0015.11**

SELECTING THE RIGHT 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".

SOLD IN YOUR AREA BY:

DEALER PRICE LIST & DISCOUNT SCHEDULE

Effective
March 1, 1985

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<u>Detectors</u>	<u>Suggested List</u>	<u>Cost</u>
Challenger X-80 w/8 & 12	\$709.95	\$496.97
Challenger X-80 w/8	649.95	454.97
Challenger X-70 w/8 & 12	589.95	412.97
Challenger X-70 w/8	529.95	370.97
Challenger X-80 w/8 S.M.	699.95	489.97
Challenger X-70 w/8 S.M.	579.95	405.97
Gold Star 1000 w/8 & 12	559.95	391.97
Gold Star 1000 w/8	499.95	349.97
Gold Star 400 w/8 & 12	459.95	321.97
Gold Star 400 w/8	399.95	279.97
Gold Star 200 w/8 & 12	359.95	251.97
Gold Star 200 w/8	299.95	209.97
Liberty 100 w/8	199.95	139.97
Coin Magnum w/8	439.95	307.97
Relic Magnum 7 Auto w/8 & 12	439.95	307.97
Relic Magnum 7 Auto w/8	379.95	265.97
Magnum 420 w/8 & 12	349.95	244.97
Magnum 420 w/8	289.95	202.97
Magnum 240 w/8	219.95	153.97
77B w/8	319.95	223.97
Coin Hustler II	119.95	83.97
Coin Hustler I	99.95	69.97
Judge II Auto w/8 & 12	409.95	286.97
Judge II Auto w/8	349.95	244.97
Two-Box Locator (P.S.V)	699.95	489.97
Inductive Coupler	199.95	139.97
Sewer Snooper	269.95	188.97
Leak Locator (Single Channel)	999.95	749.96
Metal Seeker I	249.95	174.97
Corner Stake Locator 400T	349.95	244.97
TR 105 Concealed Weapon Search Detector	189.95	132.97

Dealer Sales Aids

	<u>Dealer Cost</u>
Banner, 2' X 5', vinyl coated canvas	\$ 18.00
Dealer Decals, adhesive backed (first one free)	1.00
Three attractive wood display stands with different color sales graphics on each.	18.00

ADDITIONAL DISCOUNT - On orders for 5 or more detectors an additional 7% discount is given from dealer cost column for detectors and accessories.

Prices and specifications subject to change without notice.

NOTE: All list and cost prices are F.O.B., Forest Grove, Oregon.

All accounts 30 days or older will be charged 1½% per month on the unpaid balance.

<u>Accessories</u>	<u>Suggested List</u>	<u>Dealer Cost</u>
Headphones	\$ 23.95	\$ 16.77
Detector bag, vinyl (specify model)	21.95	15.37
Snap on Stand	2.95	2.07
Velcro upright stand (Challenger & Gold Star series)	5.95	4.17
Coin Hustler loop cover	4.95	3.47
3" cover (specify model)	4.95	3.47
8" cover (specify model)	5.95	4.17
12" cover (specify model)	6.95	4.87
16" cover	7.95	5.57
Arm rest	18.95	13.27
Hip mount rod	22.95	16.07
Hip mount conversion kit (specify B,J,CM,RM7,Mag)	44.95	31.47
30" lower VLF rod	11.95	8.37
Compass shoulder patch	2.95	2.07
Compass recovery team ball cap (adjustable size)	5.95	4.17
Battery charger #1 w/12 nicads (charges all 12 simultaneously)	49.15	34.41
Battery charger #2 w/6 nicads (charges all 6 simultaneously)	29.55	20.69
Extra rechargeable (nicads) batteries	3.10	2.17
NOTE: The 77B, Judge 2, RM7 & Coin Magnum will operate with rechargeable battery system #1. Magnum series uses charger #2.		
8" search head (specify model)	69.95	48.97
12" search head (specify model)	89.95	62.97
3" Gold Probe (specify model)	69.95	48.97
16" Deep Scan search head (specify model)	109.95	76.97
Epoxy filled loop, 8" w/10' cord (specify model)	119.95	83.97
10' cable (factory installed)	18.95	13.27
15' cable (factory installed)	21.95	15.37
20' cable (factory installed)	24.95	17.47
NOTE: Search head sizes may not be available for all models. Check with factory for specifics.		
Challenger X-70, X-80 only		
Meter weather cover	5.95	4.17
Front panel weather cover	9.95	6.97
Back light meter kit	14.95	10.47
Hip mount platform	24.95	17.47
Hip mount conversion kit (Includes H.M. platform)	49.95	34.97
5' search head extension cable	12.95	9.07