

GARRETT[®]
METAL DETECTORS
INTERNATIONAL



THE **SPORT**
OF
METAL DETECTING 

CREATE YOUR OWN ADVENTURE WITH GARRETT



Escape from routine...

It's healthy to take a break once in a while from the office, the grind, and the daily pressure.

Grab your Garrett and get out there. Unwind and search for that great find, wherever your "there" might be.

Take your detector along on a camping trip or on your next hike. You never know when you might encounter some long-forgotten site that's just waiting to be hunted. With Garrett's completely waterproof "All Terrain" detector series, you might even find history waiting for you underwater!

Know the laws in your area, and always obtain proper permission from the land owners before visiting a site to metal detect.





Finder: Gerd M., Bavaria, Germany
Using: ACE 250
Find: Middle Bronze Age bracelet (circa 1500 B.C.)



Finder: Orthan E., Africa
Using: ATX
Find: Gold nugget



Finder: Craig W., Halifax, VA
Using: ACE 350
Find: Tongue of a two-piece Confederate belt plate



Finder: Vyacheslav K., Taraz, Kazakhstan
Using: AT Gold
Find: .6-gram gold nugget



Finder: Rafal S., Debrzno, Poland
Using: ACE 150
Find: 1458 Grand master of Johan Von Tiffen silver penny



Finder: Walter H., Golden Valley, AZ
Using: AT Pro
Find: 14k gold ring containing five diamonds



Finder: Wayne C., Keene, NH
Using: AT Pro
Find: 1828 silver Capped Bust quarter



Finder: Ole B., Gram, Denmark
Using: AT Pro International
Find: Silver Viking age fibula (circa 1000-1500 AD)



Finder: Jason M., Staveley, Chesterfield, United Kingdom
Using: AT Pro International
Find: Rare 40 AD Celtic gold stater



Finder: Rune N., Saupstad, Norway
Using: AT Gold
Find: Viking fibula brooch from the 6th Century



Finder: Julen R., Victoria, Spain
Using: ACE 250
Find: 500 BC Celtiberian plate, bronze with gold finish



Finder: Savvus C., Northumberland, UK
Using: AT Gold
Find: Silver Roman denarius coin (ca. 64-64 AD) of Nero Caesar Augustus

WE CELEBRATE YOUR FINDS WITH YOU

Since 1964, the Garrett family has enjoyed helping our customers to find more treasure.



Eleanor Garrett and her son Vaughan share treasure stories with local detectorists who stopped by the Garrett Museum to show some of their detecting finds.

IT'S WHAT GOT OUR FOUNDERS STARTED.

Charles and Eleanor Garrett founded Garrett Metal Detectors in 1964. Their original goal was to build a better metal detector than what Charles had been able to purchase for his own use on the market.

Today, Garrett Metal Detectors still stands for high quality technology, made available at fair prices and with the best possible customer service.

During his life, Charles Garrett was always thrilled to see the many finds his customers discovered with Garrett detectors—silver, gold, old coins, battlefield relics, jewelry, and caches of treasure. His son, Vaughan Garrett, continues to look at the favorite finds submitted to the company, and even awards prizes to his personal favorites each month (*see page 47 for details on this*).



Charles Garrett and his son Vaughan hold some of the Roman and Greek coins they found together on a detecting trip.



Charles Garrett searching for treasure with one of his early detectors in the early 1970s.



All Garrett detectors
are proudly
MADE IN AMERICA

VLF DETECTORS

Recommended for most hunting environments

What's a VLF metal detector?

The most commonly-used metal detectors are Very Low Frequency (VLF) models, which continually transmit energy at a single powerful frequency, generally ranging between 3 kHz and 30 kHz.

Advantages of VLF Detectors

Most soils you will search contain only light to moderate mineralization. In these environments, the single frequency of a VLF offers greater depth capabilities, enhanced Target ID, and better discrimination. VLF detectors are also very energy efficient and are less susceptible to external noise and interference.

In short, it is the most appropriate technology for detecting the broadest range of targets over the most common ground conditions.

Things to Know About VLF Detectors:

- VLF metal detectors are also commonly referred to as Single-Frequency or Continuous Wave detectors.
- Saltwater environments and heavily mineralized soils can cause a loss of detection depth and Target ID accuracy. Pulse induction detectors are often favored here.
- Lower frequency detectors tend to be more sensitive to more highly conductive metals such as silver or brass. Higher frequencies are generally more sensitive to lower conductivity metals such as gold, platinum, and lead.

VLF Tip: Ground Balance Feature

Soil mineralization levels often change in the field, and this can create unstable detector performance. Higher-end detector models with Ground Balance features allow the user to adjust the detector's ground balance as these conditions change. Ground balancing a detector calibrates it to the soil conditions, resulting in deeper target detection, more accurate target information, and stable detector operation.



ACE[™] 400i

NEW - All Purpose Versatility

With Digital Target ID and Iron Audio, the ACE 400i is powerful on coins, jewelry, and artifacts!

See pg. 12 for interchangeable ACE searchcoils.

- **Iron Audio™** Allows the user to hear discriminated iron and to alter the detector's midtone signal's range.
- **10 kHz Frequency** provides better sensitivity on low and medium-conductivity targets (i.e. gold, lead) *
- **Digital Target ID** Large 0 to 99 scale offers more target information.
- **8½" x 11" PROformance DD searchcoil**
- **Adjustable Frequency** helps eliminate interference
- **Pulse-Width Modulation Audio** provides sharp, responsive signals
- **Enhanced Iron Resolution** Allows more control of iron discrim levels; helps separate good targets from adjacent junk iron.
- **Camlocks** for increased stem stability
- **Notch Discrimination** Modify discrim patterns for what you seek.
- **Five Search Modes** plus Electronic Pinpointing
- **Eight (8) Sensitivity/ Depth Adjustments**

More Info: Continuous Coin Depth Indicator. Battery Condition Indicator. Can be disassembled into three pieces for storage/travel. Headphones, coil cover, and ACE Environmental cover included with purchase.

* Compared to previous EuroACE. Key to Features/Technology: see page 44

One-Touch™
TREASURE HUNTING

GTA™



ENHANCED
iron

99

Field tester Warren M.'s recoveries with his 400i.



While searching with her ACE 400i, Digger Dawn recovered this 1340 French jetton coin.



THE NEW "KING" OF ACES

ACETM 400i

PN: 1141560



8.5" x 11" **PROformance™**
DD searchcoil included

FREE ACCESSORIES: (included with purchase)
Garrett ClearSound Easy Stow
Headphones, ACE Environmental
Cover-Up, and searchcoil cover



ACE[™] 300i

Big Features, Unbeatable Price

Excellent detection depth, rugged design, and easy to operate!

See pg. 12 for interchangeable ACE searchcoils.

- **Digital Target ID**

Large 0 to 99 scale offers more target information.

- **Frequency Adjust**

helps eliminate interference

- **Enhanced Iron Resolution**

4x the iron discrim pixels of an ACE 200, to overcome target masking in iron-laden hunt sites.

- **8 kHz Frequency** provides better sensitivity on low and medium-conductivity targets (i.e. gold, lead) *

- **Pulse-Width Modulation Audio**

provides sharp, responsive signals

- **NEW 7" x 10" elliptical concentric searchcoil** offers more coverage, depth *

- **Camlocks** for increased stem stability

- **Notch Discrimination**

Modify discrimination patterns for what you seek.

- **Five Search Modes** plus Electronic Pinpointing

- **Eight (8) Sensitivity/Depth Adjustments**

More Info: Continuous Coin Depth Indicator. Battery Condition Indicator. Can be disassembled into three pieces for storage/travel.

* Compared to previous ACE 250.

Key to Features/Technology: see page 44



One-Touch[™]
TREASURE HUNTING



**SO POWERFUL,
SO AFFORDABLE,
SO LEADER OF ITS CLASS**

**ACE[™]
300i**

PN: 1141450



NEW 7" x 10" Proformance[™]
concentric searchcoil included

FREE ACCESSORIES: (included with purchase)
Garrett ClearSound Easy Stow
Headphones, ACE Environmental
Cover-Up, and searchcoil cover



Gold chain and ring recovered with the
ACE 300i by John B. in Edmonton, Canada.



1500s Queen Elizabeth the 1st hammered coin and a 1935
silver sixpence found by Andy B. with his ACE 300i.

ACE 200i

Lightweight and Easy to Learn

Powerful, entry-level detector with One-Touch operation.
Turn on and begin finding treasure!

ACE 200i

PN: 1141370

See pg. 12 for interchangeable ACE series searchcoils.

- **Digital Target ID**
Large 0 to 99 scale offers more target information.
- **Pulse-Width Modulation Audio:** sharp, responsive
- **Three Search Modes**
- **Light weight with big performance at a small price**
- **Coin Depth Indicator** determines target depth.
- **Camlocks** for increased stem stability

More Info: Four Sensitivity adjustments.
Low Battery Indicator.
Optional headphones with 1/4" size
headphone jack. Can be disassembled
into three pieces for storage/travel.

6.5" x 9" **PROformance™**
concentric searchcoil included



Key to Features/Technology: see page 44



One-Touch™
TREASURE HUNTING



Searching with his ACE 200i, Jean D. discovered this French Liberte Egalite Fraternite coin.

ACE OVERVIEW AND APPLICATIONS

ACE 200i:

Light weight, powerful, entry-level detector that's easy to learn. Simple One-Touch operation; turn on and begin hunting!

Ideal for: Coins, jewelry, dry beach and fresh water wading. Can also be used for entry-level prospecting and relic hunting.

ACE 300i:

A powerful performer at a bargain price. The ACE 300i has more modes and enhanced features to help find more treasure.

Ideal for: Coins, jewelry, relics, dry beach, fresh water wading and competition events. Can be used for entry-level prospecting or cache hunting.

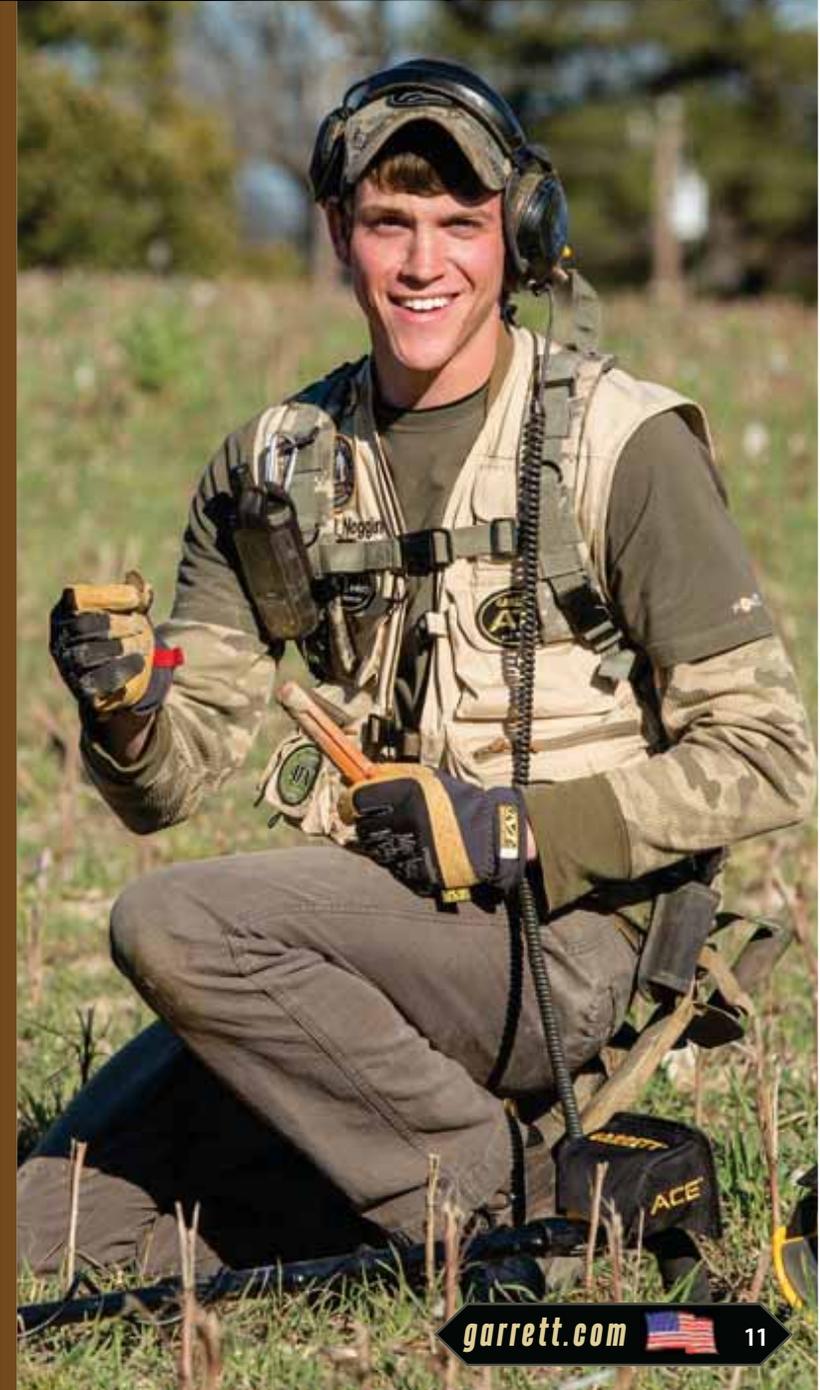
ACE 400i:

The top of the ACE family, the 400i has new Iron Audio feature, a powerful DD coil, a higher frequency, and volume control headphones.

Ideal for: Coins, jewelry, relics, dry beach, fresh water wading, competition events, cache hunting, and it has improved features for prospecting.

TECHNICAL SPECIFICATIONS: NEW Garrett ACE Detectors

COMPARISON CHART	ACE [™] 200i	ACE [™] 300i	ACE [™] 400i
Digital Target ID (0 to 99 scale)	✓	✓	✓
Iron Discrimination Segments	1	4	4
Notch Discrimination	Fixed	Adjustable	Adjustable
One-Touch Treasure Hunting	✓	✓	✓
Search Modes	3	5 (Plus Pinpoint)	5 (Plus Pinpoint)
Sensitivity/ Depth Adjustments	4	8	8
Electronic Pinpointing	No	✓	✓
Frequency	6.5 kHz, fixed	8 kHz, adjustable	10 kHz, adjustable
Camlocks for more stem stability	✓	✓	✓
Audio Tone ID Levels	3	3	3
Iron Audio [™]	No	No	✓
Target Depth Indicator	✓	✓	✓
Battery Condition Indicator	✓	✓	✓
Standard Searchcoil	6.5" x 9" concentric PROformance [™]	7" x 10" concentric PROformance [™]	8.5" x 11" DD PROformance [™]
Headphones Included	No	✓	✓
Length (Adjustable)	42" to 51" (1.06m - 1.29m)	42" to 51" (1.06m - 1.29m)	42" to 51" (1.06m - 1.29m)
Total Weight	2.75 lbs (1.25 kgs)	2.8 lbs (1.27 kgs)	2.9 lbs (1.32 kgs)
Batteries	4 AA (included)	4 AA (included)	4 AA (included)
Warranty	2 Year, Limited Parts/Labor	2 Year, Limited Parts/Labor	2 Year, Limited Parts/Labor
What's in the Box?	Owner's manual	Easy Stow head- phones, ACE cover-up, coil cover, manual	Easy Stow head- phones, ACE cover-up, coil cover, manual



ACE ACCESSORIES

These items are made specifically for ACE series detectors. For other bags, packs, recovery tools, and accessories, see pages 41–43.

SEARCHCOILS



9" x 12" PROformance concentric searchcoil
PN: 2221900



6.5" x 9" PROformance concentric searchcoil
(standard on ACE 200i)
PN: 2221700



7" x 10" PROformance concentric searchcoil
(standard on ACE 300i)
PN: 2223200



8.5" x 11" PROformance DD searchcoil
(standard on ACE 400i)
PN: 2222000



5" x 8" PROformance DD searchcoil
PN: 2223000



4.5" ACE Super Sniper searchcoil
PN: 2221800

OPTIONAL STEM ASSEMBLIES



Black Middle Stem with Camlocks
PN: 2347500



Junior Stem Kit Assembly This shorter stem set is easily installed to make your ACE a better fit for a child. Includes coil mounting hardware.
PN: 2235100

PROTECTIVE COVER-UP

ACE cover-up easily installs to protect your metal detector from the weather and dirt.
PN: 1619900



ACE LOGO APPAREL

Garrett "ACE" Cap 100% cotton, embroidered.
One size fits most with Velcro strap.
PN: 1663100



Garrett "ACE Sport of Metal Detecting" Shirt

Pre-shrunk, 100% cotton.
PN: 16215xx S-XL
2XL-3XL



(Logo on front right side)

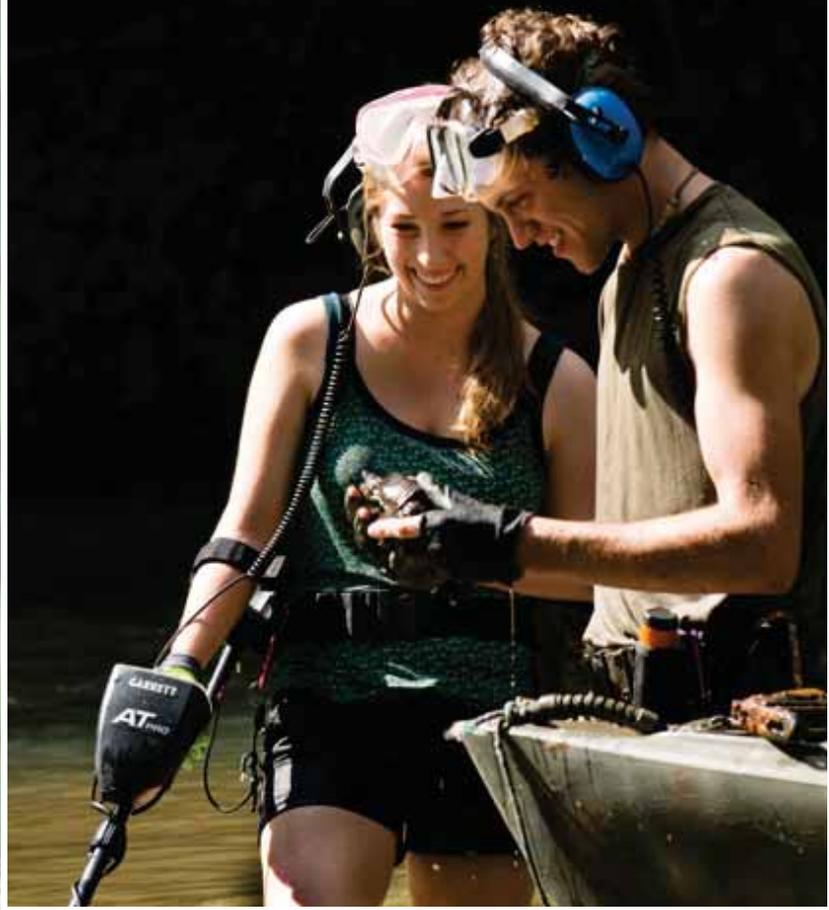


Searchcoil Tip: The *Super Sniper* searchcoil is an ideal optional accessory for any detector if you plan to search for targets in tight areas—such as among roots, rocks or even under playground equipment.



NO BOUNDARIES

Weatherproof.
Rainproof.
Waterproof to 10 feet.
Just what you'd expect
with "All-Terrain"
in the name.





Bring Hunted-Out Sites Back to Life:

Impressive recovery speed, target separation and detection depth!

See pg. 19 for interchangeable AT Pro International searchcoils.

• **Pro Mode Audio**

Proportional Audio and Tone Roll feature allows user to hear subtle changes in target's response to better judge conductivity, size, shape and depth.

• **High Res Iron Discrimination™**

Allows user to set iron discrim to one of 40 levels for precise ability to separate good targets from trash.

• **Ground Balance**

Automatic and manually adjustable for improved performance.

• **Iron Audio™**

Allows the user to hear discriminated iron and to alter the detector's mid-tone signal's range.

• **All Terrain Versatility**

Weatherproof design for dusty, humid, or wet environments; and fully submersible to 10-foot depth.

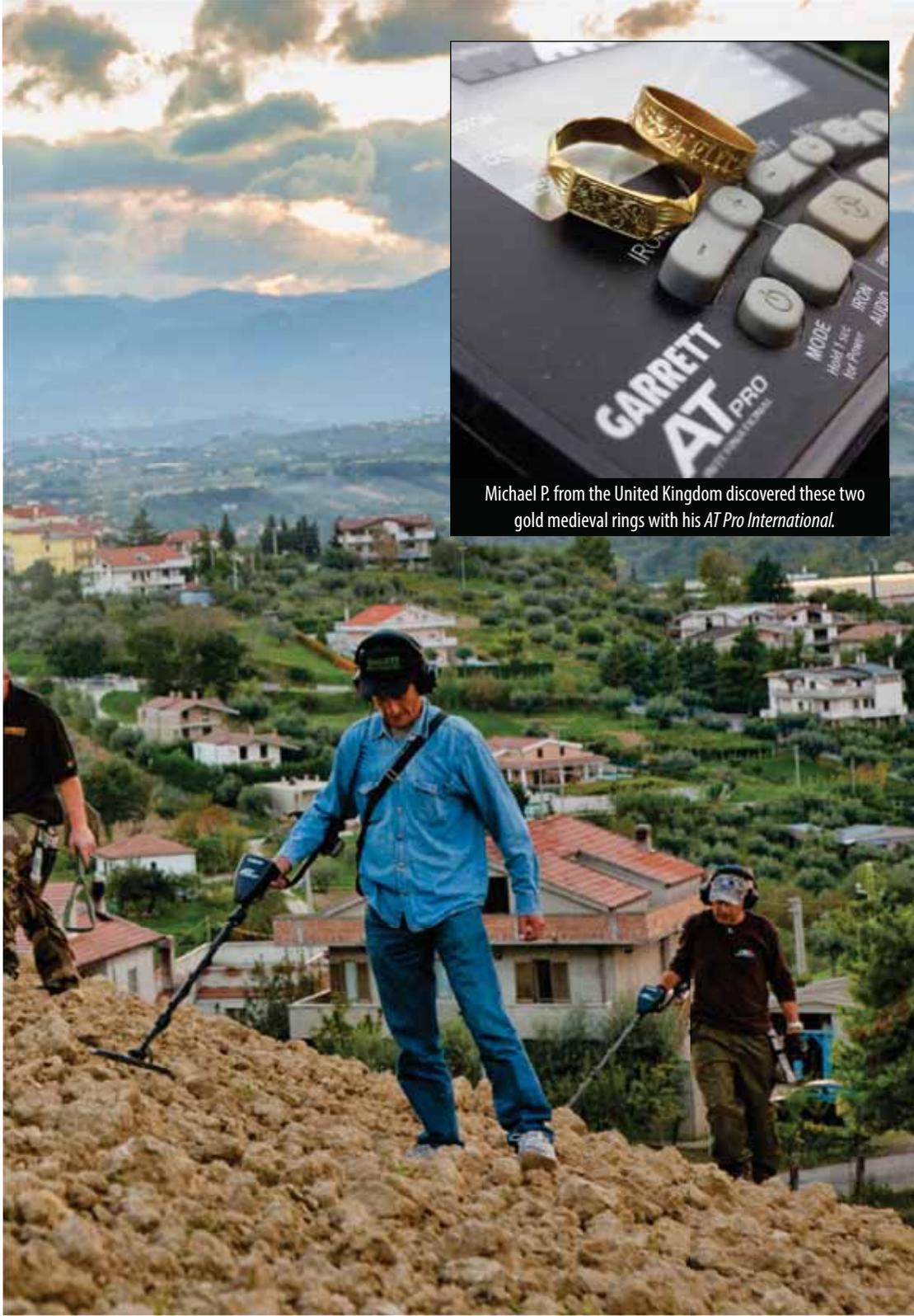
• **Fast Recovery Speed**

Allows greater ability to pick out good targets amongst trash.

More Info: Continuous coin depth indicator to determine target depth. Battery condition indicator shows battery life. Graphic Target Analyzer identifies target's conductivity.

Key to Features/Technology: see page 44





Michael P. from the United Kingdom discovered these two gold medieval rings with his AT Pro International.

READY FOR ALL TERRAIN— WATERPROOF TO 10 FEET

AT PRO
INTERNATIONAL™

PN: 1140560



8.5" x 11" **PROformance™**
DD searchcoil included



Land headphones included
PN: 2202400

Instructional DVD Included
PN: 1679500





All Terrain, All Treasure

Ideal for gold nuggets, coins, relics, caches and jewelry in every terrain, even in fresh water to ten feet.

See pg. 19 for interchangeable AT Gold searchcoils.

• True All-Metal Mode

Provides deepest detection and sensitivity in mineralized soils.

• All-Metal Iron Audio™

Garrett Exclusive feature that audibly identifies iron while operating in a True All-Metal Mode (also available in the two Discrim Modes).

• Ground Balance Window

Garrett Exclusive feature that allows user to “spread” the ground balance setting to reduce the response to subtle ground variations.

• Pro Mode Audio

Proportional Audio and Tone Roll feature allows user to hear subtle changes in target’s response to better judge its conductivity, size, shape and depth.

• Ground Balance

Automatic and manually adjustable for improved performance.

• Adjustable Threshold

User can manually adjust the audio threshold (the constant background sound) to better hear targets.

• Fast Recovery Speed

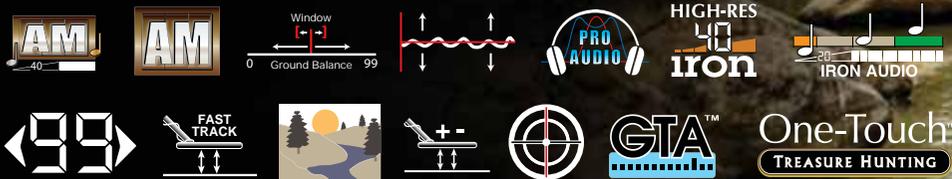
Allows greater ability to pick out good targets amongst trash.

• Search Modes

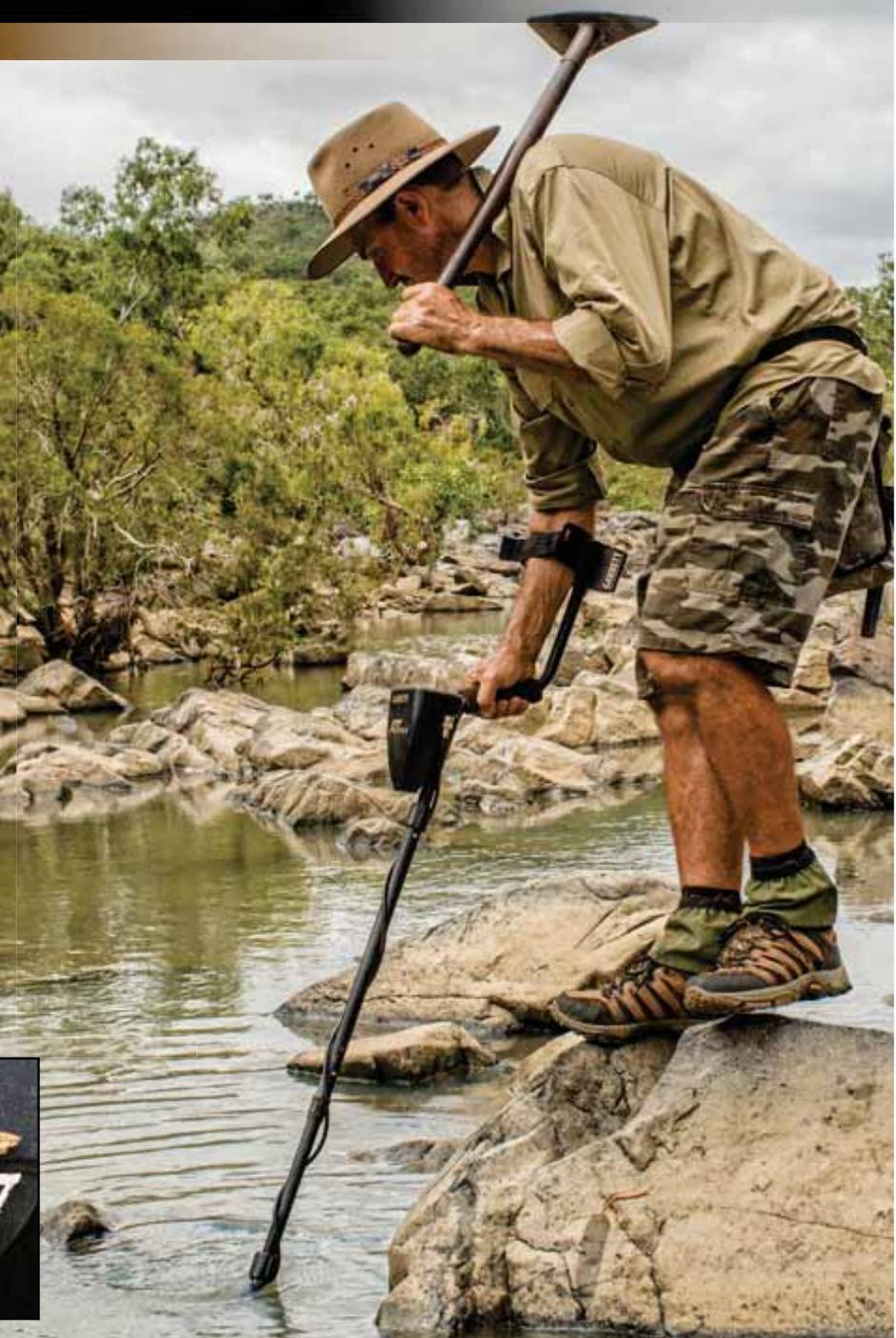
All-Metal, Discrim 1, Discrim 2, plus electronic Pinpointing

More Info: Continuous Coin Depth Indicator to determine target depth. Battery Condition Indicator shows battery life. Graphic Target Analyzer identifies target’s conductivity.

Key to Features/Technology: see page 44



Below, left–right: AT Gold finds made by Garrett customers Luke A., Ryan L., and Steve S.





Dan from White City, OR found this 4.67 ounce gold nugget specimen next to an old wash plant using his AT Gold.

IT'S HOT ON GOLD NUGGETS, RELICS, COINS, AND MUCH MORE!

AT[™] GOLD

PN: 1140680



5" x 8" **PROformance™** DD searchcoil included

Land headphones included
PN: 2202400

Instructional DVD Included
PN: 1679600



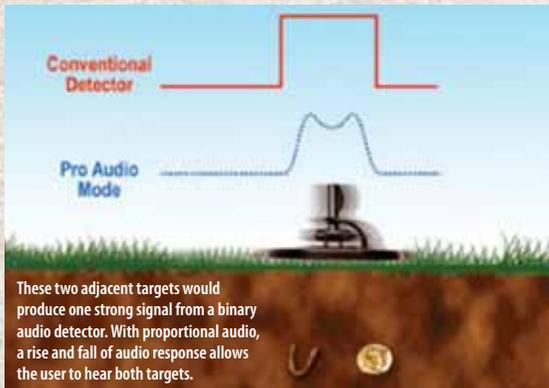
AT GOLD & AT PRO TECHNOLOGY, FEATURES

PROPORTIONAL AUDIO FEATURE



The *AT Gold* and *AT Pro* feature advanced, proportional (Pro) audio modes. This allows the user to hear subtle changes in a target's response. Proportional audio also helps the user to better judge a target's size, shape and depth and has the additional benefit of a much faster recovery time when detecting adjacent targets.

The *AT Pro* also includes three Standard audio modes, which provide a full-strength beep regardless of a target's amplitude. Many detectorists prefer this simpler, binary (either on or off) target response.



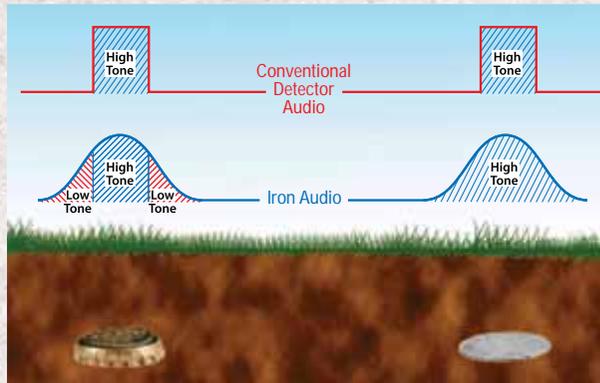
These two adjacent targets would produce one strong signal from a binary audio detector. With proportional audio, a rise and fall of audio response allows the user to hear both targets.

IRON AUDIO™ AND ALL-METAL IRON AUDIO



Iron objects can mask good targets or create "ghost signals" that appear to be good. Garrett's selectable Iron Audio feature allows the user to hear discriminated iron (normally silenced) to help avoid being tricked into digging an undesired target.

For many detectors, bottle caps, steel washers, etc. sound like good targets, producing a high tone response. The bottle cap's shape and flat surface resembles a coin, which tricks the detector. With Iron Audio however, the bottle cap will produce a very distinctive response with multiple tones, compared with a coin's high-tone response.



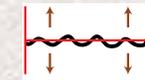
The *AT Gold* also features All-Metal Iron Audio to identify problematic iron targets while in a True All-Metal Mode, another Garrett exclusive!

TONE ROLL AUDIO™

Provides more audible target information to help identify targets, particularly iron. Detectors with binary audio produce a single target tone based on the target's strongest signal. Tone Roll audio provides a variance of target tones as the searchcoil approaches, passes above and departs from a target. These varying phases provide better overall target information.



ADJUSTABLE THRESHOLD



This *AT Gold* feature allows the user to select 33 levels of constant background audio ("hum"). By operating with a barely audible threshold level, this feature helps to maximize the user's ability to hear faint signals thereby maximizing detection depth.

GROUND BALANCE OPTIONS



The *AT Gold* and *AT Pro* both offer manual and automatic ground balance features to allow the user to reduce the detrimental effects of ground mineralization. The *AT Gold* additionally offers Ground Balance Window, a Garrett exclusive feature. This setting allows the user to simultaneously ground balance to a range of values. This smooths out the All Metal Audio by reducing the subtle ground responses and allows the user to better hear faint target signals.

ALL-TERRAIN VERSATILITY

Garrett *AT* detectors are engineered with waterproof housings and connectors to protect in dusty, muddy, wet and humid environments. They can be submerged to a 10-foot depth (maximum).

Note: Waterproof headphones must be used if the headphones are submerged in water. The standard headphones provided with the *AT Pro* and the *AT Gold* cannot be submerged, however the cord leading to the headset is submersible.



HIGH-RES IRON DISCRIMINATION™

With adjustable levels of iron discrimination (40 points on the *AT Pro* and 44 points on the *AT Gold*), the user can apply only the minimal amount of discrim needed to reject iron trash targets. The detector will continue to find desirable targets that might otherwise have been "masked" by iron.



High-Res Iron Discrim setting



Digital Target ID number corresponds with Upper Scale conductivity pixel.

DIGITAL TARGET ID (0 TO 99 SCALE)

This scale on the LCD screen helps to more precisely identify buried targets. Items with a value near 1 are the most ferrous, while the most conductive targets (such as thick silver) register closer to 99 on the Digital Target ID.



AT Gold: Offers deeper detection on tiny gold nuggets, relics, and small jewelry. Includes advanced ground balance and iron ID features.

AT Pro International: Choose from easy-to-learn Standard Modes or advanced Pro Modes for more target information and depth.

Ideal for: Highly mineralized ground and challenging prospecting terrains. Recommended for freshwater hunting.

Ideal for: Coins, jewelry, relics, and gold. This all-terrain detector can be submerged in either saltwater or fresh water.

TECHNICAL SPECIFICATIONS: AT GOLD vs AT PRO

COMPARISON CHART	AT GOLD	AT PRO INTERNATIONAL
Target ID Cursor Segments	20	20
Iron Discrimination Segments	44	40
True All-Metal Mode	✓	No
Notch Discrimination	Preset (fixed)	Adjustable
Search Modes	3	6 (3 Standard, 3 Pro)
Proportional Audio	✓	✓
Tone Roll Audio™	✓	✓
Standard Binary Audio	No	✓
Fast Recovery Speed	✓	✓
Sensitivity/ Depth Adjustments	8	8
Iron Audio™ (Disc. Modes)	✓	✓
Iron Audio™ (All Metal)	✓	No
Threshold Adjustment	✓	No
Digital Target ID	✓	✓
Ground Balance, Auto/Manual	✓	✓
Ground Balance Window™	✓	No
Electronic Pinpointing	✓	✓
Waterproof to 10 feet (3m)	✓	✓
• Freshwater use	✓	✓
• Saltwater use	not suggested	✓
Frequency	18 kHz, adjustable	15 kHz, adjustable
Audio Tone ID Levels	3	3
Target Depth Indicator	✓	✓
Standard Searchcoil	5" x 8" DD PROformance™	8.5" x 11" DD PROformance™
Length (Adjustable)	43" to 56" (1.09m - 1.4m)	43" to 56" (1.09m - 1.4m)
Total Weight	2.8 lbs (1.27 kgs)	3.03 lbs (1.4 kgs)
Batteries	4 AA (included)	4 AA (included)
Battery Condition Indicator	✓	✓
Warranty	2 Year, Limited Parts/Labor	2 Year, Limited Parts/Labor
What's in the Box?	Instructional DVD, Land Use Headphones	Instructional DVD, Land Use Headphones

AT COMPARISON and AT ACCESSORIES

SEARCHCOILS



9" x 12" PROformance concentric searchcoil
PN: 2222700



6.5" x 9" PROformance concentric searchcoil
PN: 2222600



8.5" x 11" PROformance™ DD searchcoil
(Standard on AT Pro)
PN: 2222400



5" x 8" PROformance™ DD searchcoil
(Standard on AT Gold)
PN: 2222800



4.5" AT SuperSniper™ searchcoil
PN: 2222500

AT CAPS



AT Pro Camo Cap
PN: 1633400



AT Gold Camo Cap
PN: 1664100

GTI 2500

See a Target's Size and Depth!

Spend less time digging trash and more time digging treasure.

See pg. 22 for interchangeable GTI searchcoils.

• Graphic Target Imaging™ (GTI)

Shows true target size and depth.

• Graphic Target Analyzer™ (GTA)

Identifies target's conductivity.

• All Metal, Non-Motion Deepseeking Mode

Provides greatest detection depth.

• True Digital Signal Processor

Improves Discrimination accuracy.

• ScanTrack™

Optimizes analysis of target signals based on searchcoil swing speed.

• Backlight

Illuminates LCD screen for improved visibility.

• Ground Balance

Automatic and Manually Adjustable. Also: FastTrack™ Ground Balance, for use in All-Metal Mode.

• Automatic Ground Tracking

Detector automatically adjusts itself to ground mineralization for optimum performance.

• Salt Elimination Aid

Eliminate inference caused by wetted salt sand at beach.

• Surface Elimination

Adjustable search aid helps ignore shallow items.

• Last Mode Switching

Switch from All-Metal into last-used Discrim Mode to quickly check a target.

• Hip Mount Battery Pack

Reduces detector weight for long searches.

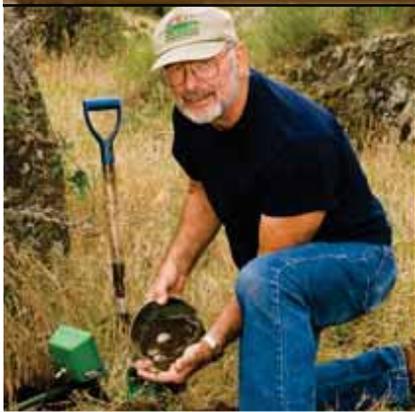
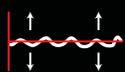
• User Adjustable Controls

Threshold, Volume, Tone, Sensitivity, and Discrimination

• 6 Search Modes (Discrim Patterns)

All-Metal, Zero, Jewelry, Custom, Relics, Coins, plus electronic Pinpointing

Key to Features/Technology: see page 44



Hoard of 4th century Roman silver coins found by Ovidiu P. of Romania with his GTI 2500.



KNOW THE SIZE OF A TARGET BEFORE YOU DIG



9.5" PROformance™ Imaging
searchcoil included

Land headphones
included
PN: 1603000

GTI
2500

PN: 1120570

Instructional DVD Included
PN: 1678310



Exclusive Graphic Target
Imaging included
See next page for details.



GTI SEARCHCOILS & ACCESSORIES



**12.5" PROformance™
Imaging Searchcoil**
PN: 2220000



**9.5" PROformance™
Imaging Searchcoil**
(Standard on GTI 2500)
PN: 2220200



**10" x 14" PROformance™
Power DD Searchcoil**
PN: 2217300



**8.5" x 11" PROformance™
DD Searchcoil**
PN: 2222200



**5" x 8" PROformance™
DD Searchcoil**
PN: 2222900



**5" x 10" Scorcher™
DD Searchcoil**
PN: 2219800



**4.5" Super Sniper™
Searchcoil**
PN: 2219700



See pg. 39 for
Depth Multiplier
options

OPTIONAL CAMLOCK STEM

Black Middle Stem with Camlocks
PN: 2347500



ENVIRONMENTAL COVER-UP

Our GTI cover-up is easily installed to protect your metal detector from the weather and dirt.
PN: 1618200



Garrett's true-size imaging gives target sizes ranging from A (smaller than a coin) to E (larger than a soda can).



A A
Smaller than coins



B B
Coins



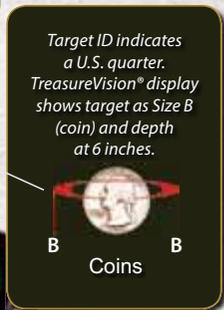
C C
Larger than coins



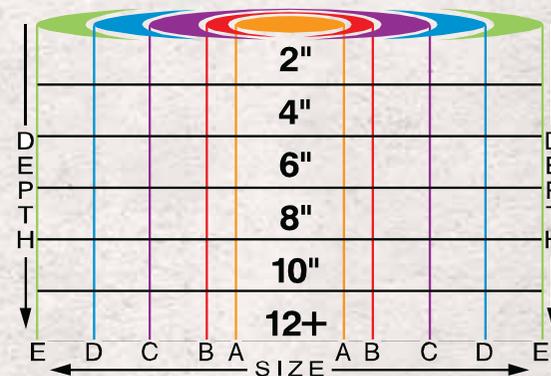
D D
Drink can size



E E
Large treasures



Garrett's exclusive Graphic Target Imaging (GTI) shows actual SIZE and DEPTH of a target!



GTI 2500 PRO-PACKAGE

PN: 1120580

Includes the GTI 2500 Metal Detector with a 9.5" Imaging coil plus FIVE accessories:

(Savings based on total cost of items if purchased separately.)

- 12.5" PROformance Imaging Searchcoil PN: 2220000
- Deluxe Garrett Headphones PN: 1603000
- Soft Case, Universal Detector Bag (camo) PN: 1616901
- GTI Environmental Cover-up PN: 1618200
- How to Find Lost Treasure Field Guide PN: 1509300



PULSE INDUCTION (PI) DETECTORS

Recommended for heavily mineralized ground and saltwater environments



Advantages of PI Detectors

Pulse detectors provide the best performance over mineralized ground and in saltwater environments due to their ability to ignore minerals by virtue of their pulse characteristics.

Iron Check Techniques

To help determine if a target is ferrous (iron), some users employ a reverse discrimination technique to check the item. With either Garrett pulse detector, simply increase Discrimination to maximum. If the target still produces a substantial signal, there is a good chance it is iron.

The Garrett ATX additionally offers a true Iron Check feature that produce a low-tone growl sound (Iron Audio) for many iron items.

Things to Know About Pulse Induction Detectors:

- Pulse induction metal detectors are also commonly referred to as multiple frequency detectors.
- Target ID accuracy is reduced or nonexistent as compared to a VLF detector.
- Less energy efficient than VLF detectors, requiring more batteries and/or more frequent battery changes.

- More susceptible to external noise (EMI) and interference.

Saltwater Tips

All PI detectors cancel most of the saltwater response by nature of their operation. In some of the more challenging saltwater environments when operating a Garrett *Sea Hunter*, you can add a small amount of Discrimination (or Delay) to cancel out the remaining saltwater response. With a Garrett ATX, however, it can be quickly ground balanced to the saltwater to provide the smoothest audio threshold and performance.



High-End, All-Terrain Pulse Performance

Highly sensitive on tiny gold and extends depth in the most extreme mineralized soils.

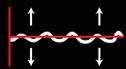
See pg. 26 for interchangeable ATX searchcoils.

- **Maximum Detection on all targets** at the same time. No need to switch modes to enhance detection of one target while degrading another.
- **Advanced Ground Balance:** has wide range to ground balance from heavily mineralized ground (Ironstone) to saltwater without switching to special modes.
- **Quick Iron Check feature** and adjustable Discrimination.
- **Quickly and Fully Collapsible**
- **Rugged military-spec design**
- **Motion and Non-Motion Modes:** provides optimum performance based on your hunting preference and conditions.
- **All Terrain use:** fully waterproof to 10 feet.
- **Advanced DD searchcoil:** provides easy pinpointing and enhanced detection of small items without having to slow the scanning speed of the searchcoil.



Adjustable Operating Lengths

Key to Features/Technology: see page 44

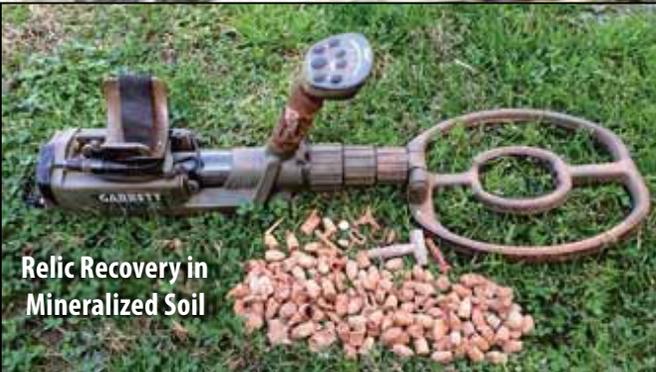


16 gold nuggets of different sizes found in Alaska by David F. of Kirkland, WA.



Designed to handle any environment in the world: the gold fields of Western Australia; the Civil War fields of Culpeper, Virginia; the black sand beaches of Italy or California; and everything in between.





Relic Recovery in Mineralized Soil

This pile of Civil War artifacts was unearthed in March 2016 in Culpeper County, Virginia, by Michael Bennett with his ATX.



Big or Small, ATX Finds it All!

20 ounces of gold nuggets and specimen recovered by Mark with his ATX in Western Australia.



Extreme Detection

Four nuggets, as small as 0.12 grams and 0.26 grams, found by Steve H. of Reno, NV with his ATX.

LEAVE YOUR LIMITS IN THE DUST

PN: 1140860

Instructional DVD Included PN: 1680000



Advanced DD Searchcoil
10" x 12" **PROformance™**



ATX includes:

Land headphones, soft carry case, AA alkaline and rechargeable batteries, battery charger, coil cover, detector sling, owner's manual and instructional DVD

Easy Access Adjustments

Single push-button controls for Sensitivity, Discrimination, Threshold, Volume, Ground Track, Frequency Scan, and more can be adjusted with one hand.



ATX Searchcoils & Accessories

ATX SEARCHCOILS



DeepSeeker 15" x 20" (38cm x 50cm) Mono Searchcoil

Use for locating larger and more deeply buried objects. Includes surface debris elimination.
PN: 2234100



10" x 12" (25cm x 31cm) DD Searchcoil

Standard with ATX
PN: 2234600



8" (20cm) Mono Searchcoil

Excellent depth on small targets. Enhanced maneuverability in heavy scrub and tight areas.
PN: 2234000



15" x 20" Mono Closed Coil Cover

Provides solid protection for searching rocky soil areas. Bottom side of solid coil cover base can be used with your fingers to help locate tiny gold pieces.
PN: 1608300



15" x 20" Mono Open Coil Cover

Lighter weight. More maneuverable when searching below water; collects less sand and sediment than a closed cover.
PN: 1608200



10" x 12" DD Open Coil Cover

Lighter weight. More maneuverable when searching below water; collects less sand and sediment than a closed cover.
PN: 1607500



10" x 12" DD Closed Coil Cover

Provides solid protection for searching rocky soil areas. Bottom side of solid coil cover base can be used to help locate tiny gold pieces.
PN: 1607600



8" Mono Closed Coil Cover

Provides solid protection for searching rocky soil areas. Bottom side of solid coil cover base can be used to help locate tiny gold pieces.
PN: 1607700

ATX ACCESSORIES



Garrett ATX Hard Case

Military-grade plastic. Designed to hold ATX soft case inside.
PN: 1626500



ATX Shaft Nut Spanner Wrench

Use for removing camlocks on the ATX for thorough interior cleaning of assembly.
PN: 1625200



ATX Camo Cap

PN: 1664200

Other suggested ATX accessories:

- Waterproof headphones
- Retriever II pick
- Garrett Daypack with D-ring harness/bungee for attaching an ATX.

See pgs. 41–43 for these and other accessories.

ATX™ DEEPSEEKER PACKAGE

Find deeply buried objects, large gold, caches, relics and more with the oversized ATX DeepSeeker searchcoil. Buy the package and save money—plus get a free hard case!



PN: 1140820

Includes:

- ATX with 10" x 12" DD coil
- Soft storage/travel case
- Battery charger
- Land headphones
- AA alkaline and rechargeable batteries
- Searchcoil cover¹ (not shown)

PLUS:

- 20" Deepseeker mono searchcoil
- Military-grade Garrett hard case
- Garrett Detector Sling

¹ Savings based on actual cost of items if purchased separately.



Accessory items subject to change

LEAVE YOUR LIMITS IN THE DUST

Garrett's pulse induction detectors are built tough, ready to take on whatever environmental challenges you encounter.

TECHNICAL SPECIFICATIONS: Garrett PI Detectors

COMPARISON CHART	Sea Hunter [™] Mark II	ATX [™] EXTREME PULSE INDUCTION
Overview	Proven PI technology with 22 Frequencies. Ideal for saltwater hunting and wreck diving use.	Garrett's highest performance PI technology. Provides maximum sensitivity on all targets all the time. Easy access to all controls with one hand. Includes advanced features to overcome the most extreme environmental conditions.
Detection Performance	Good detection on all targets from jewelry to coins to nuggets.	Superior sensitivity on all targets, especially on small, low conductivity items (sub 0.1 gram nuggets, fine jewelry, etc.).
Ground Balance Capabilities		
Balances to Saltwater	NO; use Discrim if necessary.	YES. Includes salt balance range
FastTrack Ground Balance	NO	YES
Continuous GroundTrack	NO	4 settings: Off, Slow, Med, Fast
User Controls/Functions	Control knobs to alter Audio Threshold, Discrimination. Sensitivity/Depth adjustment is fixed.	LED indicators show signal strength, current settings. Easy push-button control to alter Audio Threshold (25 settings), Volume, Sensitivity (13 settings), Pinpoint, etc.
EMI Control	Good immunity in moderate EMI environments. No frequency adjustment available.	Excellent immunity in more severe EMI environments. Has push-button automatic frequency scan and selection to provide the smoothest threshold.
Discrimination/Delay	Adjustable via control knob	25 settings, via push-button control
Iron Audio	NO	YES. Exclusive quick iron ID
Search Modes	Two Trash Elim Patterns (both Motion Modes)	Choose from Motion or Non-Motion Modes
Submersion Depth	200 feet (65m)	10 feet (3m)
Headphones (Included)	Submersible	Standard land-use
Standard Searchcoil	8" Mono PROformance [™]	10" x 12" DD PROformance [™]
Length (Adjustable)	28" to 52" (.71m - 1.32m)	20" to 68" (.51m - 1.72m)
Total Weight	5.1 lbs (2.3 kgs) stem-mounted	6.9 lbs (3.13 kgs)
Batteries	8 AA (included)	8 AA (included); rechargeables and charger included
Warranty	1 Year, Limited Parts/Labor	2 Year, Limited Parts/Labor



Sea Hunter[™] Mark II

Wreck Diving's Trusted Veteran

Recommended for mineralized ground and saltwater environments

Superior Automatic Salt Elimination Ability
using advanced Pulse Induction technology.

User Adjustable Controls
Elimination, Audio Threshold

Independently Sealed Battery Compartment

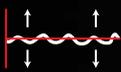
Fully waterproof to 200 feet

Two Discrimination Modes

Two discrim modes offer varying levels of non-ferrous target discrimination.

- **Standard Trash Elimination:**
Provides the deepest possible detection; allows a very slow searchcoil sweep in areas with little trash.
- **Discrete Trash Elimination:**
Use to eliminate most pull tabs and foil without significantly degrading sensitivity for rings, coins.

Key to Features/Technology: see page 44





Kiersten Mottl examines a gold ring located on a 300-year-old shipwreck site.



The Sea Hunter can also be used in the hip mount configuration for surf and beach hunting.

EXPLORE FOR TREASURE DOWN TO 200 FEET!

PN: 1151970

Instructional DVD Included PN: 1679000

Hip mount holster included PN: 9833400

Belt assembly included PN: 2226600

(see page 32 for image)



8" **PROformance™** mono searchcoil included



INCLUDED:
Submersible Headphones

PN: 2202100



OPTIONAL:
10" x 14" Mono Searchcoil

PN: 2215300



GARRETT
PRO-POINTER AT

The Pro of All Terrain Pinpointing

More sensitive than our standard *Pro-Pointer II* and it is fully submersible!

Key to Features/Technology: see page 44

PN: 1140900

- **Fully waterproof to 10 feet** with orange color for added visibility underwater.
- **Maximum Sensitivity** for improved detection of nuggets and other small targets. Choose from three Sensitivity levels.
- **Fast Retune:** Quick button press instantly tunes out environment or narrows detection field for precise pinpointing of larger targets.
- **Lost Pro-Pointer Alarm:** After 5 minutes with no button presses, the pinpointer emits periodic warning chirps.
- **Automatic power off** after one hour of warning chirps; saves batteries.
- **Simple, single-button operation** for Power, Retune, Sensitivity adjustment, and Stealth Mode (vibrate only).
- **Patented Proportional Audio/Vibration**
- **Patented scraping blade for searching soil**



One-Touch™
TREASURE HUNTING

More Info:

- LED for low light uses.
- Includes woven belt holster and 9-volt battery.

Patents: US 7,575,065; D583,261
US 9,347,798

WATERPROOF TO 10 FEET!



Fast retune feature quickly tunes out mineralized ground, salt, and other challenging environments.



Ruler in Inches and Centimeters molded into side of pinpointer to judge target depth



NEW & IMPROVED!

GARRETT® PRO-POINTER® II

Save time and find more targets with the pinpointer that is as valuable to a digger as a shovel!

Key to Features/Technology: see page 44



The Pro-Pointer II features a patented scraping blade for searching sand, soil or gravel.

PN: 1166050

- **Faster retuning capability**
Fast on/off cycles allow user to quickly tune out the detection of saltwater, wet sand or highly mineralized ground.
- **Increased durability and sensitivity**
- **Lost pinpointer alarm** Emits warning chirps for 60 minutes if left on more than 5 minutes without a button press.
- **Auto-OFF feature** after one hour of warning chirps.
- **LED light for low light uses.**
Twice to 6x the battery life of other pinpointers with LED lights.
- **Water resistant**
Meets IEC 60529 IP 66 standards for water and dust protection (*see below*).
- **Belt Holster and 9V battery are included**



One-Touch™
TREASURE HUNTING

• **Patented Proportional Audio/Vibration**
Increases as pinpointer approaches target.

• **Pinpoint tip detection**
(360° side scan detection)

• **Lanyard attachment loop** allows Pro-Pointer II to be attached to your belt, digging pouch or metal detector.

Patents: US 7,575,065; D583,261



Only the tip of the Pro-Pointer II may be submerged.

Unit can be operated in the rain or rinsed under running water, but it should not be submerged beyond the power switch.



GARRETT PINPOINTERS OVERVIEW, APPLICATIONS

TECHNICAL SPECIFICATIONS: *PRO-Pointer AT* vs *PRO-Pointer II*

COMPARISON CHART	GARRETT <i>PRO-Pointer AT</i>	GARRETT <i>PRO-Pointer II</i>
Proportional audio/vibration pulse for target indication	✓	✓
Fully waterproof?	Yes, to 10 feet (3m). IP 68	No. Weatherproof, splashproof. (IP 66)
360° side scan detection plus pinpointing tip	✓	✓
Fast Retune (quick-press to shrink detection field)	✓	Use quick Power on/off retune method
Adjustable sensitivity	✓	No
Lost Pro-Pointer alarm	✓	✓
Automatic power off	✓	✓
Ruler with inch/cm markings	✓	No
Lanyard attachment loop	✓	✓
Automatic tuning at turn-on?	✓	✓
Patented scraping blade	✓	✓
LED light	✓	✓
Operating Temperatures	-35°F (-37°C) to 158°F (70°C)	-35°F (-37°C) to 158°F (70°C)
Total weight	6.5 oz. (0.2 kg) w/battery	6.5 oz. (0.2 kg) w/battery
Battery	9V (included)	9V (included)
Warranty	2 Year, Limited Parts/Labor	2 Year, Limited Parts/Labor
Web holster	Included	Included



Advantages of Pinpointers

Garrett's *PRO-Pointers* are miniature metal detectors that enable you to recover detected targets faster.

- Speed your target recovery; more time to detect!
- Accurately find small items and prevent digging large holes.
- Identify multiple targets in close proximity.
- Search in tight areas or use as a utility pinpointer to locate nails and metal wall studs in homes or to locate rebar, conduit, etc.

Retuning for Environment and Targets

Both of Garrett's *PRO-Pointers* are able to quickly tune out mineralized ground or saltwater. This retuning technique can also be used to narrow in on large targets and to help gauge a target's size/depth.

To retune the standard *PRO-Pointer II*, use a quick power off and on process to shrink the detection field. To tune out saltwater, wet sand or highly mineralized ground, hold the tip of the pinpointer to the water, sand or soil as you turn on the power—thus instantly adjusting the pinpointer to the environment.

Retuning the *PRO-Pointer AT* is even faster. Simply quick-press the button for an instant retune.

Things to Know About Pinpointers:

- Garrett's *PRO-Pointers* operate in an All-Metal Mode, meaning they will detect all ferrous and non-ferrous metals.
- Turn off your pinpointer after every use. It is designed to tune itself to its environment each time it is turned on.



WHAT'S ON YOUR BUCKET LIST?

It's out there, whatever it is. Time to start huntin' for it!



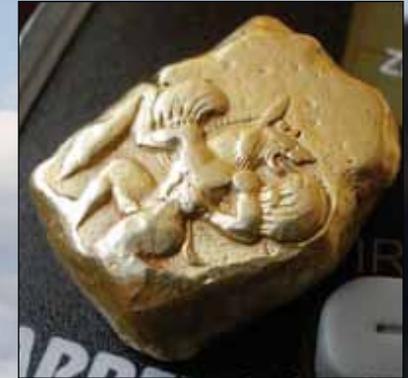
Finder: Dennis M., Jelling, Denmark
Using: AT Gold
Find: Gold and diamond ring found near a 17th century castle once owned by King Christian the 4th of Denmark



Finder: Philip O., Limburg, Belgium
Using: AT Pro International
Find: Four silver coins, two Roman coins, and a coin weight.



Finder: Mark S., Forestdale, Australia
Using: ATX
Find: Gold nuggets found with his son while prospecting



Finder: Taras S., Ukraine
Using: AT Pro International
Find: Gold electrum stater (16.3 grams), circa 500–460 BC

Finder: Peter W. (below, left) and his friend Niels; Netherlands
Using: AT Pro Internationals
Find: 47 gold Byzantine coins



Finder: Ovidiu P., Brasov, Romania
Using: GTI 2500
Find: 75-coin hoard of silver Roman coins, dating between 350 to 384 AD.



Finder: Bill W., Lake City, MI
Using: ACE 250
Find: Diamond ring appraised at \$4,665



Finder: Luke A., Kinglake, Victoria, Australia
Using: AT Gold
Find: Gold nugget finds; 23 grams total



Finder: Gene S., Houston, TX
Using: AT Pro
Find: .925 sterling silver ring

Dig responsibly . . .

and with proper permission. Leave your dig site in better condition than you found it by filling in all holes and hauling out any trash. Enjoy the great outdoors, a new-found sense of adventure, and continue to pursue our great sport of metal detecting.

EXPLORE THE GREAT OUTDOORS WITH GARRETT

You might get there by horseback, by ATV or by hiking. It might be a multi-day camping excursion. Or it could be a day trip to parts unknown.

Be sure to take along a Garrett detector or gold pan set on your next outing. You never know where a rustic cabin might appear or whether that little stream just might contain some gold. Good things come to those who search. Make Garrett a fun part of your next outdoor adventure.

Discovery awaits . . .





GOLD PANS

Garrett's 90° riffled design
prevents gold from sloshing out of the pan.



GOLD PANS



15" SuperSluice
PN 1650400

- Traps fine gold to nuggets over 1 oz.
- Twin 1/2" riffles

"The Super Sluice pan is the best pan for bulk testing! You can rip through more material faster than any other test pan." Todd Hoffman



14" Prospector
PN: 1650000

- Great for wet/dry conditions
- Three 1/4" riffles
- General purpose



14" Sifter/Classifier
PN: 1650200

- Great for wet or dry conditions
- Sifts gold, jewelry, relics and debris
- Fits 5 gallon bucket
- 7/16" (diagonally measured) exit holes



10" Backpacker
PN: 1650100

- Great for wet /dry panning or finishing
- Four 1/4" riffles
- Lightweight
- Portable

GOLD PAN KITS



Deluxe Gold Pan Kit
PN: 1651400

- 15" SuperSluice Pan
- 14" Prospector Pan
- 10" Backpacker Pan
- 14" Sifter/Classifier
- Gold Guzzler bottle
- 2 Gold vials
- Tweezers
- How to Find Gold field guide by Charles Garrett / Roy Lagal
- Gold Panning is Easy book
- Gold Panning Like a Pro DVD (featuring Freddy Dodge)

Gold Pan Kit

PN: 1651300

- 14" Prospector Pan
- 10" Backpacker Pan
- 14" Sifter/Classifier
- Gold Guzzler Bottle



- 2 Gold vials
- Tweezers
- How to Find Gold field guide by Charles Garrett and Roy Lagal

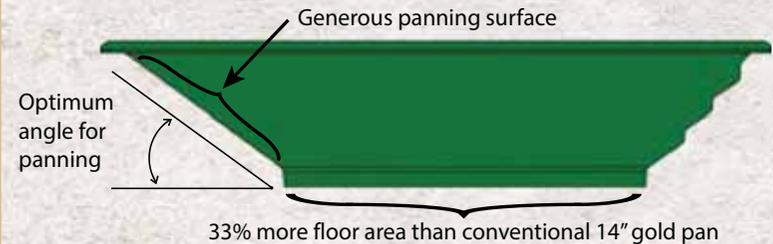
Introducing a Revolutionary NEW Design!



14" Gold Trap™
PN: 1651100

**An Offset, Acentric Design
Delivers Improved Performance!**

- Expands the pan's floor size by 33%, as compared to conventional 14" gold pans.
- Maintains the long panning surface and optimum angle necessary for effective panning.
- Patent-pending design.
- Allows gold to be driven down more efficiently to the large floor space.
- Larger pan volume allows more material to be processed per pan.
- Includes Garrett's renowned riffles for trapping gold.



First Impressions of "Gold Rush" team members after testing a prototype of Garrett's Gold Trap pan:

Freddy Dodge:

"This is a smaller pan that is comfortable to handle all day long, but it gives you the finishing area of a large pan. I like the lip depth on the bottom side, which allows you to relax your hand more and still control the pan better."

Todd Hoffman:

"This new design is more handy for using a pan with just one hand. It gives you more distance to catch gold, which can make a decent panner even better."

Jack Hoffman:

"I like this pan. I will definitely put it to use in my clean-up room."



Freddy Dodge:

"I'd use this pan in my gold room for finishing. I'd use it for panning in the field. It's a great all-around pan and it's a really good finishing pan."

Perfect for Dry Panning

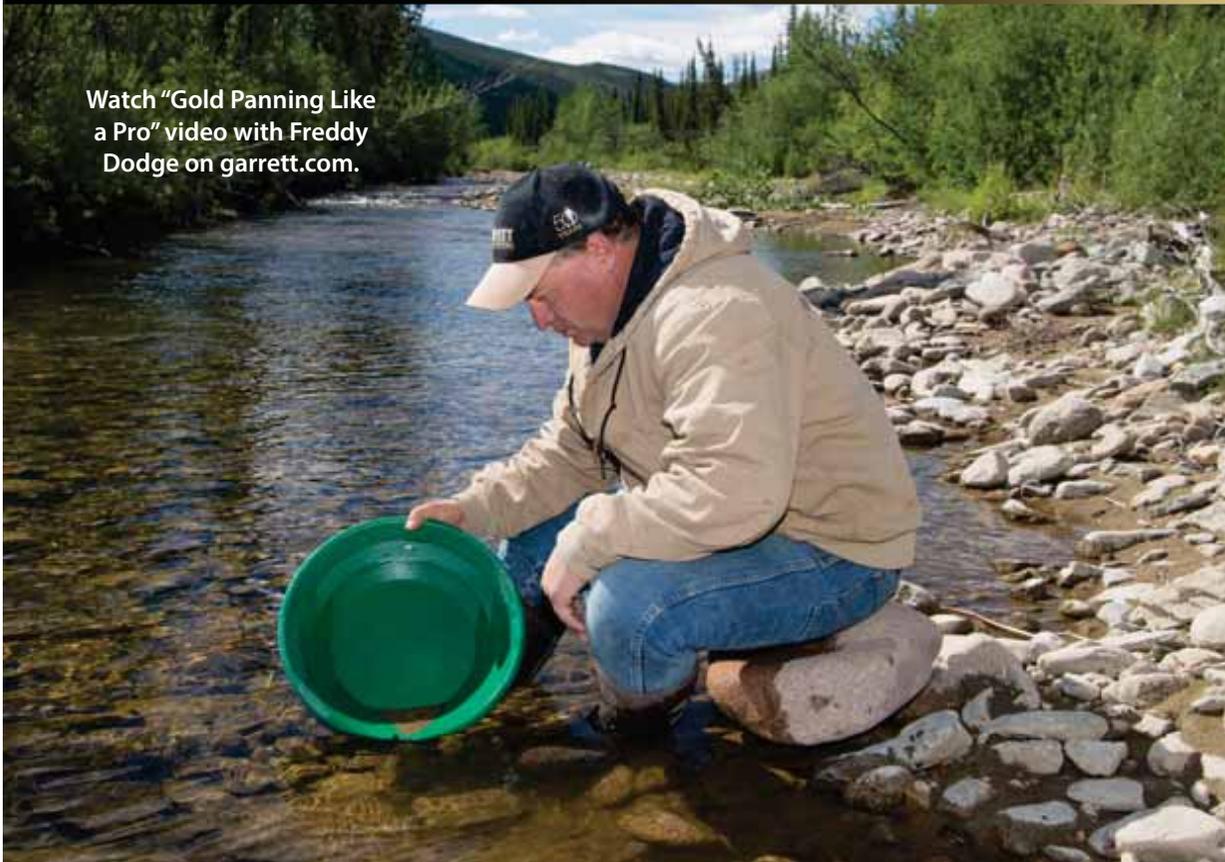
Garrett's *Gravity Trap*® gold pan series has led the prospecting industry for years. These durable pans have been tested and proven worldwide by Charles Garrett, Roy Lagal, and tens of thousands of individual prospectors.

Garrett's *Gravity Trap* gold pans are the perfect tool for gold-seekers of any age. They feature a 90° riffled design that ensures safe, rapid gold recovery in wet or dry conditions. All Garrett pans are lightweight, green for enhanced gold nugget visibility, and are virtually indestructible.



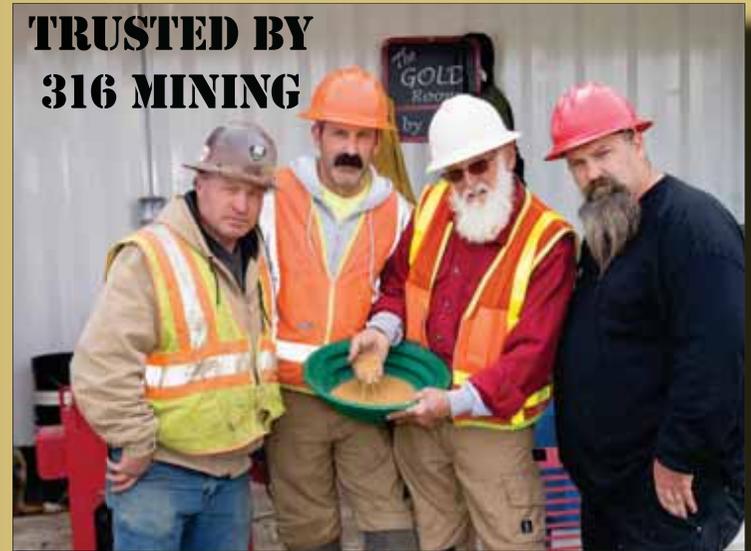
Charles Garrett dry panning for gold in Utah.

Watch "Gold Panning Like a Pro" video with Freddy Dodge on garrett.com.



Garrett's *Gravity Trap*® gold pans are used by Todd Hoffman's mining team to continually test the gold content of the areas they mine with their heavy equipment. "If we're mining dirt without gold in it, we're just burning fuel," says Todd.

TRUSTED BY 316 MINING



"We really rely on our Garrett gold pans," says Todd. "I like that Garrett is family-owned and made in America, a couple of things me and my dad Jack believe in."

—Todd Hoffman, 316 Mining



"We exclusively use the Garrett gold pan. We trust it. For the amount of gold we go through, we want to make sure we get it all."

—Jack Hoffman, 316 Mining

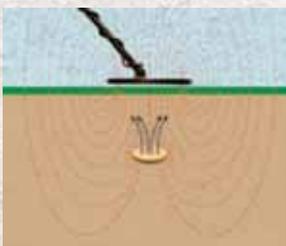
UNDERSTANDING SEARCHCOILS



HOW SEARCHCOILS WORK

Understanding the basics of searchcoils will empower you with the ability to choose the best searchcoil for each application. Searchcoils generally consist of two internal sets of coiled wires, a Transmit coil (TX) and a Receive coil (RX). Mono coils can be different in that one coil acts as both the TX and the RX. When the detector is turned on, the TX coil generates a magnetic field in the surrounding space.

When a metallic object is within this generated magnetic field, it will create a distortion in the magnetic field. The RX coil will sense this distortion and send a signal to the control housing.

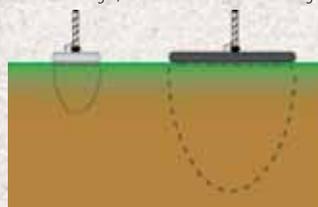


The transmit coil (TX) creates a magnetic field while the Receive coil (RX) senses distortion in this field and signals the control housing.

SEARCHCOIL DEPTH

As a rule of thumb, the detection depth of a searchcoil will be approximately equal to its diameter, for a coin-sized object.

As a searchcoil's size increases, its field pattern becomes larger, less concentrated and it begins to miss small objects. For a coin-sized object, this effect becomes noticeable when using searchcoils larger than about 15" in diameter.



Generally speaking, the larger the searchcoil, the larger the magnetic field.

SEARCHCOIL SHAPES AND SIZES

To help determine the best searchcoil size and shape for your needs, consider the hunting environment in which it will be used and the targets being sought.



Circular

Elliptical

The two most common searchcoil shapes (not to be confused with configurations) are circular and elliptical.

- **Elliptical Searchcoils**—more maneuverable than a circular searchcoil. Provides greater coverage than a circular coil due to its elongated length.
- **Circular searchcoils**—most commonly used shape. Provides slightly more detection depth and sensitivity in non-mineralized soil. Searchcoils also come in a 2-box configuration, which are used for detecting deeply buried targets.

Small Searchcoils (Less than 6" diameter)

- Concentrated magnetic field; the best choice for hunting in areas with a lot of metal debris.
- Ideal for detecting very small objects.
- Less coverage per sweep; more scans required.



SUPER SNIPER Available for GTI, ACEs, AT Pro and AT Gold

Garrett's smaller *Super Sniper* specialty searchcoils are designed to search in very tight areas or over ground that is littered with metal objects. These popular 4.5" coils offer improved target identification and are also ideal for finding tiny gold nuggets.

Medium Searchcoils (8"-9" diameter)

- Best choice for general-purpose hunting (including coins and coin-sized targets).
- Provides the best combination of magnetic field concentration, detection depth and capability to detect the greatest range of target sizes within the detection area.
- Lightweight and easy to maneuver.

There is a direct relationship between the size of a searchcoil and the size of its magnetic field.

The magnetic field of a small searchcoil is not as deep as that of a large searchcoil, but is more concentrated.



Large Searchcoils (More than 9" diameter)

- Provides greater depth and coverage due to wider and deeper magnetic fields.
- Best choice for hunting targets that are large and deeply buried, such as caches and large relics.
- Larger scan area can be a problem in trashy areas where the searchcoil is detecting several targets at once.



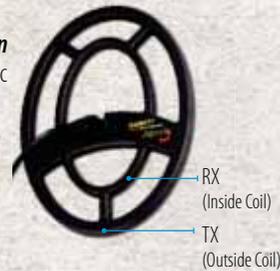
MULTIPLY YOUR FINDS WITH THE RIGHT SEARCHCOIL

CONFIGURATIONS

There are five basic searchcoil configurations: Concentric, Mono, Imaging, DD and 2-box. Hunting applications and ground conditions help determine which is the best choice for you.

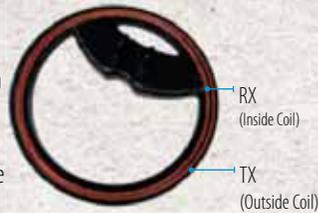
Concentric Searchcoils

- TX and RX are usually arranged as shown.
- This configuration **provides the largest possible detection field and greatest detection depth**, making the concentric coil potentially the most sensitive configuration available.
- Provides the most symmetrical detection field, allowing ease in pinpointing and consistency in target identification.
- Unfortunately, this configuration is the most susceptible to interference from ground minerals, resulting in substantial performance loss over heavily mineralized ground.



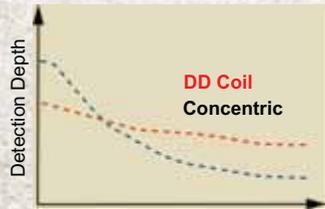
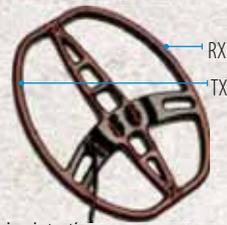
Mono Searchcoils

- Available only on Pulse Induction Detectors.
- Variation of the concentric configuration. Can be made with the TX and the RX coils located together or as a single coil acting as both the TX and RX.
- Detection and performance characteristics of mono coils are essentially the same as concentric coils.



DD Searchcoils

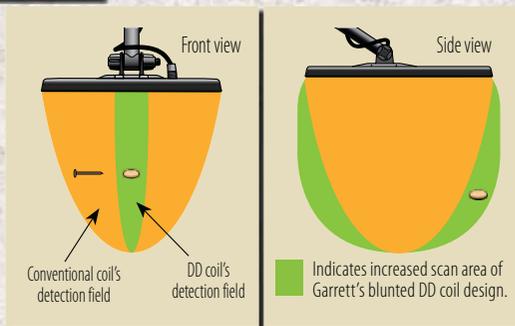
- Both TX and RX are in the shape of a "D".
- Provides greater detection depth and performance in heavily mineralized ground and saltwater.
- A long, narrow detection field runs beneath the DD's overlapping center section from front to back.
- The DD configuration is less sensitive than a concentric searchcoil of the same size, over non-mineralized ground or in air testing.



- DD coils are highly recommended when hunting over mineralized ground commonly found when prospecting and relic hunting. **The DD searchcoil outperforms the concentric searchcoil in highly mineralized soil.**

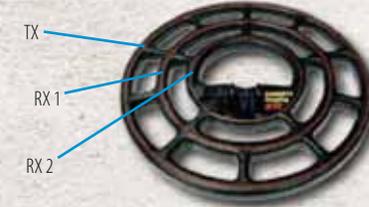
Increasing ground mineralization

The DD coil's narrow detection field offers better target separation than a conventional coil.



Imaging Searchcoils (Garrett Exclusive)

- An enhanced version of the concentric configuration that features an additional RX coil.
- Extra coil provides additional target information for true target depth perception and true target-sizing capabilities.
- Sizing information helps distinguish between trash and good targets of the same conductivity (e.g. a clad coin vs a soda can).



2-box Configuration (Depth Multiplier)

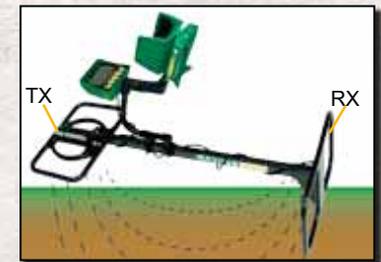
In this configuration, the TX and the RX coils are physically several feet apart. This provides a lightweight, manageable means of achieving the performance of a 3' to 4' diameter searchcoil. Because of its large detection field, the 2-box is the best choice for detecting large, deeply buried objects such as relics and caches. Also, its large detection field ignores objects smaller than 3" in diameter—advantageous when hunting in areas heavily littered with small trash objects.

Garrett TreasureHound™ EagleEye™ Depth Multiplier

PN: 1611800 \$299.95
(Available on GTI 2500 only)

Benefits:

- Find larger targets at twice the depth of conventional coils.
- Use the EagleEye front coil for accurate pinpointing and small object detection.
- Easily switch from depth multiplier searching to pinpoint mode with the touch of a button.
- Eliminates the need to switch coils or have a second detector to zero in on a target.



GTI 2500 EagleEye Depth Multiplier Package

PN: 1120530

INCREASE YOUR DEPTH 2x-3x ON LARGE TARGETS

GTI 2500 EagleEye Multiplier Package includes the GTI 2500 Metal Detector with the 9.5" Imaging Searchcoil and TreasureHound EagleEye Searchcoil.

With Package

TreasureHound EagleEye™
Searchcoil PN: 1611800
(Searchcoil only)

For use only with the
Garrett GTI 2500 detector.



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STANDARD SIZE BOOKS

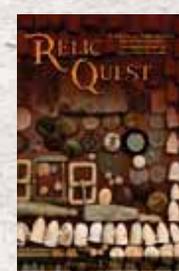
Each book is 5.5" x 8.5"



Ghost Town Treasures: Ruins, Relics & Caches
by Charles Garrett
Revised edition.
156 pages
PN 1508200



Treasure Hunting for Fun & Profit
by Charles Garrett
204 pages
PN 1508300



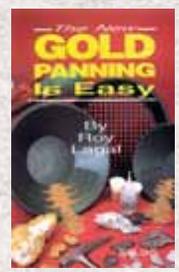
Relic Quest
by Stephen L. Moore
Research tips, field techniques, and stories from dozens of relic diggers. More than 1,000 color photos.
Revised second edition.
564 pages
PN 1510000



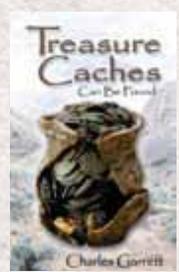
The New Successful Coin Hunting
by Charles Garrett
Revised edition of the authoritative guide on finding coins.
259 pages
PN 1501500



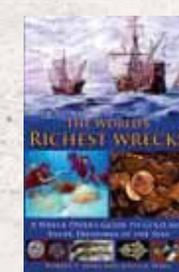
Buried Treasures You Can Find
by Sir Robert Marx
State-by-state listings of sites where treasure is believed to exist.
365 pages
PN 1500000



Gold Panning is Easy
by Roy Lagal
Basics on finding and panning for gold.
148 pages
PN 1505470



Treasure Caches Can Be Found
by Charles Garrett
How to research, locate and recover abandoned caches.
194 pages
PN 1508600



The World's Richest Wrecks: A Wreck Diver's Guide to Gold and Silver Treasures of the Seas
by Sir Robert Marx and Jenifer Marx
456 pages
Hard Cover: PN 1509810
Soft Cover: PN 1509800

CHARLES GARRETT FIELD GUIDES

Small, Pocket-Size Books: 3.5" x 5"



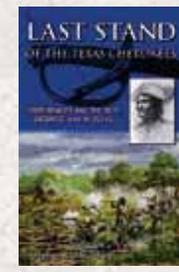
How to Find Lost Treasure
Learn the basics of treasure hunting!
72 pages
PN 1509300



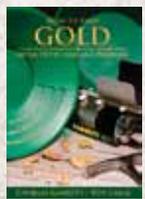
How to Search Sand and Surf: Treasure Recovery at the Beach
72 pages
PN 1509500



Understanding Treasure Signs and Symbols
300+ treasure symbol illustrations.
72 pages
PN 1546000



Last Stand of the Texas Cherokees
by Stephen L. Moore
224 pages (relic recovery)
PN 1509900



How to Find Gold: Metal Detecting and Panning
by Charles Garrett and Roy Lagal
72 pages
PN 1509400



The Sport of Coin Hunting with a Metal Detector
Includes coin ID guide!
84 pages
PN 1509600



Introduction to Metal Detecting in Europe
Author's experiences, tips and techniques.
76 pages
PN 1546200



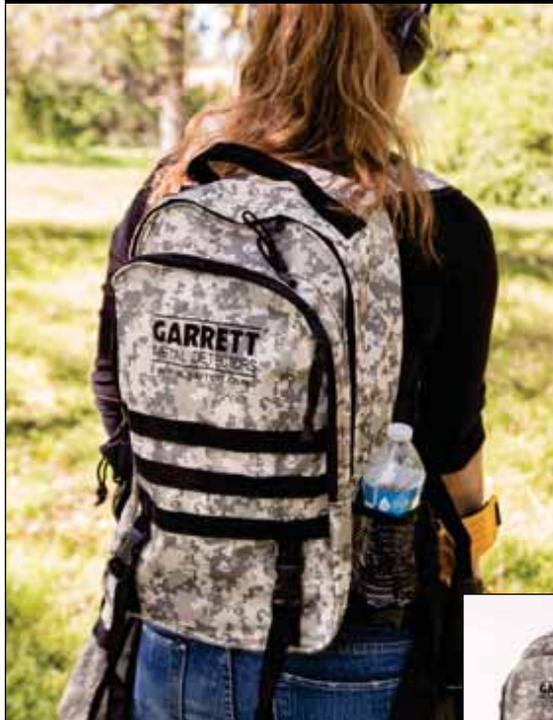
You Can Find Gold with a Metal Detector
by Charles Garrett and Roy Lagal
Guide to electronic prospecting.
140 pages
PN 1545500



Family Treasure Hunting—
A beginner's guide for hobbyists of all ages.
80 pages
PN 1546300

Visit garrett.com for more details on all RAM Books

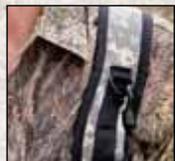
View sample pages from any title!



Garrett All-Purpose Backpack
 Approximately 21" interior height x 13" width. Will hold a disassembled Garrett metal detector. Includes: adjustable straps; zippered front accessory pocket; interior searchcoil pouch; pair of side pouches to hold drinks. PN: 1651700

Garrett Detecting Daypack
 Approximately 19" interior height x 13.5" width. Adjustable straps; padded for comfort in the field.

- Two zippered compartments to store spare coils, accessories, snacks, etc. for field use.
- Three interior pockets (two zippered), plus internal hook for attaching car key ring.
- Sternum strap with quick release buckle.
- Waist strap with utility pouch (to hold smart phone, treasure finds, sunglasses, etc.).
- Two mesh exterior pockets for drinks, etc.
- Exterior MOLLE-type webbing grid for attaching accessories.
- Exterior straps to secure jacket, extra clothing.



Includes bungee cord to attach to a metal detector (attaches to D-ring on either left or right side of the daypack).

CAPS

One size fits most



Garrett Metal Detectors
 Metallic logo with textured gold color
 PN: 1663300



Garrett
 Black Cap
 PN: 1663100

Visit garrett.com to see the latest caps, T-shirts, and other Garrett-branded items.

BAGS



Stow and go—Holds any current Garrett detector without removing the searchcoil.

Digital Camouflage Soft Case, Universal Detector
 Padded travel/storage bag, 50" length with full zipper opening, carrying handle and backpack straps.
 PN: 1616901



Reinforced handle



Five Velcro pouches to hold spare searchcoils, recovery tools, a PRO-Pointer™, manual, gloves, etc.



All-Purpose Carry Bag
 Reinforced polyester, 50" length with two zipper pockets. Includes convenient shoulder strap and carrying handles with padded handpad. Sized to hold any current Garrett detector without removing searchcoil.
 PN: 1608700

TOOLS & ACCESSORIES

SEARCHCOIL COVERS



10" x 14" Coil Cover
PN: 1606400



9.5" Coil Cover
PN: 1606500



9" x 12" Coil Cover
PN: 1612600



6.5" x 9" Coil Cover
PN: 1605700



5" x 10" Coil Cover
PN: 1602500



3" x 7" Coil Cover
PN: 1601400



4.5" Coil Cover
PN: 1604200



8.5" x 11" DD Coil Cover
PN: 1606600



5" x 8" DD Coil Cover
PN: 1607400



Garrett Master Sound Headphones

- Dual volume controls. Adjust signal levels to suit individual hearing requirements and to enhance weak signals.
- Comfortable leather headband and ear cushions.
- Reinforced 10-foot coiled cord with right angle.
- Speaker impedance: 8 ohms per channel. Stereo.
- Frequency response: 30-18,000 Hz.



PN: 1603000 with 1/4-inch stereo phone plug.



Garrett ClearSound Easy Stow Headphones

- 41" (104.1 cm) coiled cord extends to 82" (208.3 cm)
 - Padded ear cups
 - In-Line volume control
 - Rotating ear pieces
- PN: 1612700



Submersible Headphones

- For use with Garrett *AT Pro*, *AT Gold*, *ATX*, and *Sea Hunter Mark II* metal detectors.
 - Padded ear cups
- PN: 2202100



Garrett TreasureSound™ Headphones

Includes in-line volume control.
PN: 1612500



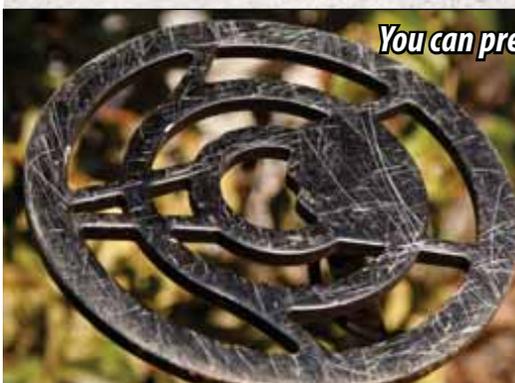
1/4" Headphone Adapter

- Allows land-use headphones with a 1/4" male jack to be used with the Garrett *AT Pro*, *AT Gold*, *ATX*, and *Sea Hunter* models. (Not intended for submerged use.)
- PN: 1626000



You can prevent this!

Protect your investment with Garrett searchcoil covers.



RECOVERY TOOLS

Camo Digger's Pouch
This 10" deep zippered bag secures with its own belt. Fits up to 48" waist. PN: 1612900



Exterior MOLLE-type webbing grid is ideal for attaching PRO-Pointer, cell phone, digging tools, etc.



Interior zippered treasure pocket to separate treasure from trash.



Camo Pouch 18" Belt Extender (optional)
PN: 1613000



Stainless Steel Treasure Trowel
This 10" trowel has a ribbed, no-slip handle. A gauge on the inside blade measures in inches and centimeters. PN: 1606100



Treasure Digger
Avoid marring coins while digging with this tough polymer trowel, with marks to gauge depth of a hole. PN: 1606000



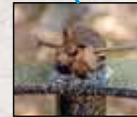
Garrett™ Edge Digger
(7.5" digging blade; 12" total length)
Robust steel blade with cutting edge teeth. Non-slip blade guard with comfortable rubber handle. Includes Garrett carry sheath for belt mount use. PN: 1626200



Garrett Retriever II™ Pick
(19" steel with hand grip and reinforced head in silver vein powder coat finish)
Includes chiseled 3" digging blade and a narrow tip on the other end for picking through tight, rocky areas. Weight: 2.8 lbs. (Holster not included.) PN: 1626700

Powerful rare earth magnet on top to extract ferrous items from your target area.

Ideal for prospecting and shallow water hunting in rocky areas.



SAND SCOOPS



Rugged Plastic Sand Scoop
PN: 1600971



Metal Sand Scoop
PN: 1600970

Made of anodized steel



Stainless Steel Sand Scoop
PN: 1600900

KEY FEATURES AND TECHNOLOGY DEFINITIONS



ADJUSTABLE THRESHOLD

Allows the user to manually adjust the audio threshold (the constant background sound or "hum") to better hear targets.



ALL METAL (TRUE)

Detects all types of metal and provides the greatest possible detection depth and sensitivity.



ALL METAL IRON AUDIO™

Garrett exclusive feature that audibly identifies discriminated iron while operating in a True All Metal Mode.



ALL TERRAIN

Designed for use in wet, humid and dusty environments. Weatherproof housing can be submerged to 10 feet.



DIGITAL TARGET ID

Numeral scale from 0 to 99; indicates a target metal's conductivity for increased ability to distinguish targets from each other.



ELECTRONIC PINPOINTING

This non-motion All-Metal Mode function is used to precisely locate a detected target's location in the ground.



ENHANCED IRON RESOLUTION™

Increased resolution (more pixels) allows more precise control of how much iron discrimination to apply. This feature is particularly useful in areas where desired treasure targets are being masked by iron trash.



FAST TRACK™ GROUND BALANCE

Automatic feature that allows user to quickly ground balance the detector in mineralized soil conditions.



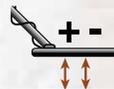
GRAPHIC TARGET ANALYZING

Simultaneously shows a treasure target's conductivity and the detector's discrimination pattern.



GRAPHIC TARGET IMAGING™

This Garrett exclusive technology measures and displays a target's true size (five size options) and its depth.



GROUND BALANCE (MANUAL)

Allows the operator to manually adjust the detector's ground balance to reduce the detrimental effects of ground mineralization.



GROUND BALANCE WINDOW™

Garrett exclusive feature that allows the user to "spread" the ground balance setting to reduce the response to subtle ground variations.



GROUND TRACK (AUTOMATIC)

Detector engineered with technology to continuously measure ground mineralization and automatically adjust itself for optimum performance. (Four track speeds on ATX)



HIGH-RESOLUTION IRON DISCRIMINATION™

Provides fine resolution of iron discrimination for the most precise ability to separate a good target from iron trash.



IRON AUDIO™

Allows user to hear discriminated iron (normally silenced) in order to avoid digging tricky, undesired flat iron targets such as bottle caps or steel washers. See page 23 for details.



IRON CHECK (ATX ONLY)

Allows the operator to audibly identify iron targets when using a DD searchcoil.



MULTI-FREQUENCY (PULSE INDUCTION)

Detector that divides its power into multiple frequencies to overcome the effects of mineralized soil and saltwater content. Discrimination and Target ID capabilities are limited.



ONE-TOUCH TREASURE HUNTING

With the touch of a button, your detector is: powered on; automatically reset to factory (or your) settings; and ready to search!



PRO MODE AUDIO

Proportional audio response and Tone Roll Audio features provide more target information. See page 23 for details.



POWERMASTER™ DSP

Digital signal processor technology improves your ability to search; helps adapt to ground conditions and to your individual scanning style/speed.



SCANTRACK™ OPTIMIZATION

Garrett's circuitry automatically adjusts to produce maximum audio signals on every detected target regardless of whether the user's searchcoil swing speed is slower or faster than optimum.



WRECK DIVING (200 FT)

Detector's housing and connections are fully sealed for ability to submerge the unit to depths up to 200 feet.



VOLUME CONTROL

Allows adjustment of the maximum volume of sound produced by the detector when a target is encountered.

GO AHEAD . . . BE EXCITED!

"Ringmaster" Tim Saylor and "King" George Wyant, stars of the hit TV series *Diggers*, have trusted Garrett metal detectors and pinpointers for many years.

Their genuine enthusiasm in making a great find is just part of who they are. Whether the cameras are rolling or not, KG and Ringy always get fired up when they hit a "nectar sector."



Join the sport of metal detecting and see how exciting your treasure finds can be!



Share Your All-Terrain Detecting Adventures with Garrett



Garrett Metal Detectors



EVERYONE LOVES A GOOD ADVENTURE STORY

Thousands of people visit Garrett's Facebook site each day to see the latest finds posted by others. Some Garrett fans post treasure hunting videos. Some post pictures from rallies and organized hunts.

Michael and Abby (*seen in these images*) know that some of the good detecting sites are off the beaten trail. They're not afraid to get a little dirty getting there! And they know their Garrett AT detectors can handle a little mud and water.



CONNECT WITH OTHERS ON GARRETT SOCIAL MEDIA



New treasure finds are posted every day. See what others are finding where they live—around the world! Make new connections. Find out about upcoming hunts. These are just a few recent images posted. Get your Garrett, get out there, and make your own memories!



You could win a FREE Metal Detector!

Vaughan Garrett's FAVORITE FIND OF THE MONTH

Each month, Vaughan Garrett selects one U.S. and one International winner from all the Garrett customers who submit their testimonial photos and stories. "By about the tenth of each month, I will announce who I selected as my favorites from all the previous month's submissions," Vaughan explains.

Vaughan's Favorite Find winners in the past have received a free *Pro-Pointer AT* pinpointer or even a metal detector. Visit garrett.com to see what great gift item Vaughan is currently giving away!

FREE Garrett branded items for everyone who enters!

There are 3 ways to submit a story to Vaughan:

1. **Email** testimonials@garrett.com
2. **Mail to:** Garrett Metal Detectors
Attn: Marketing Depart.
1881 W. State Street
Garland, TX 75042
3. **Submit your photo and story online by using the "Submit a Story" form:**

<http://www.garrett.com/story/>

**Here are some
of the recent
winners!**

Visit garrett.com to submit your story. You could be next!



**Subscribe to
GarrettDetectors
Channel**

Entertainment. Information.
Enjoy organized hunts, tips
and from the field videos.

www.youtube.com/garrettdetectors



Here are a few Garrett Videos to watch and enjoy from our channel:



Another AquaChigger Adventure



Gold Panning Like a Pro



Seeing signs pays off...twice!

Join the Adventure!

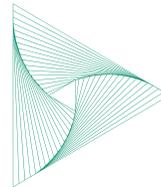
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LET YOUR ADVENTURE BEGIN...



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ACE 150, ACE 250, ACE 350, All Metal Iron Audio, AT Gold, AT Pro, ATX, Automatic Ground Track, Coin Alert, Crossfire, CX Plus, Deepseeker, Depth Multiplier, EagleEye, Enhanced Iron Resolution, Fast Track, Garrett's Gravity Trap, GTA, Graphic Target Analyzer, GTI, Graphic Target Imaging, GTP, Graphic Target Profiling, Ground Balance Window, Iron Audio, Master Hunter, Power Master, Precise Iron Resolution, Pro Mode Audio, Pro-Pointer, Pro-Pointer AT, RAM Books, Scan Track, Scorcher, Scorpion Gold Stinger, Sea Hunter Mark II, ScubaMate, Super Deep Imaging, Super Sluice, Super Sniper, Target Imaging, Texas Twister, TreasureEye, TreasureHound, Treasure Max, Treasure Talk, Treasure Vision, Treasure Sound Garrett Metal Detectors and garrett.com are trademarks and registered trademarks of Garrett Electronics, Inc.

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