

GARRETT METAL DETECTORS





# ONE MAN'S HOBBY CREATED A LIFETIME OF ADVENTURE FOR MILLIONS

Charles Garrett developed a passion for treasure hunting at a young age. When he began designing metal detectors, his original goal was to simply build a better tool for his own treasure pursuits than what he could purchase. In the process, Garrett's vision became

a 50-year odyssey of exploration and innovation that has revolutionized the sport of metal detecting.

Charles and his wife Eleanor Garrett are proud to have made an outdoor sport available to millions of people worldwide to enjoy. And they are proud their quality products continue to be made in America, deep in the heart of Texas.

### GARRETT'S GOALS IN 1964...

### **BUILD THE BEST DETECTORS POSSIBLE**

Charles Garrett started with patented technological advances such as the first independently operated dual searchcoil system and his Zero Drift metal detector circuitry. Today, Garrett's engineers continue to advance the industry with innovative product design.

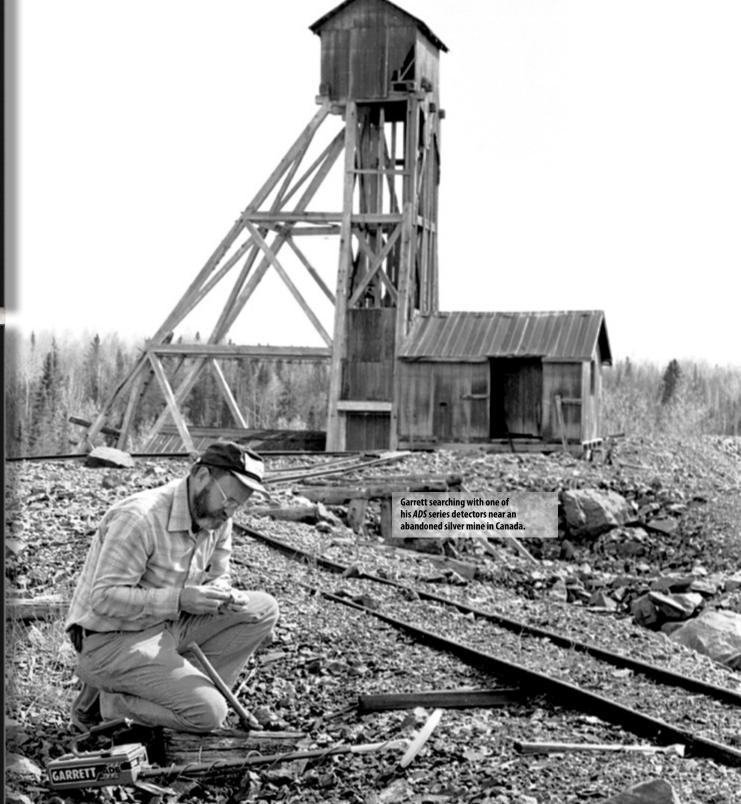
#### **OFFER THEM AT FAIR PRICES**

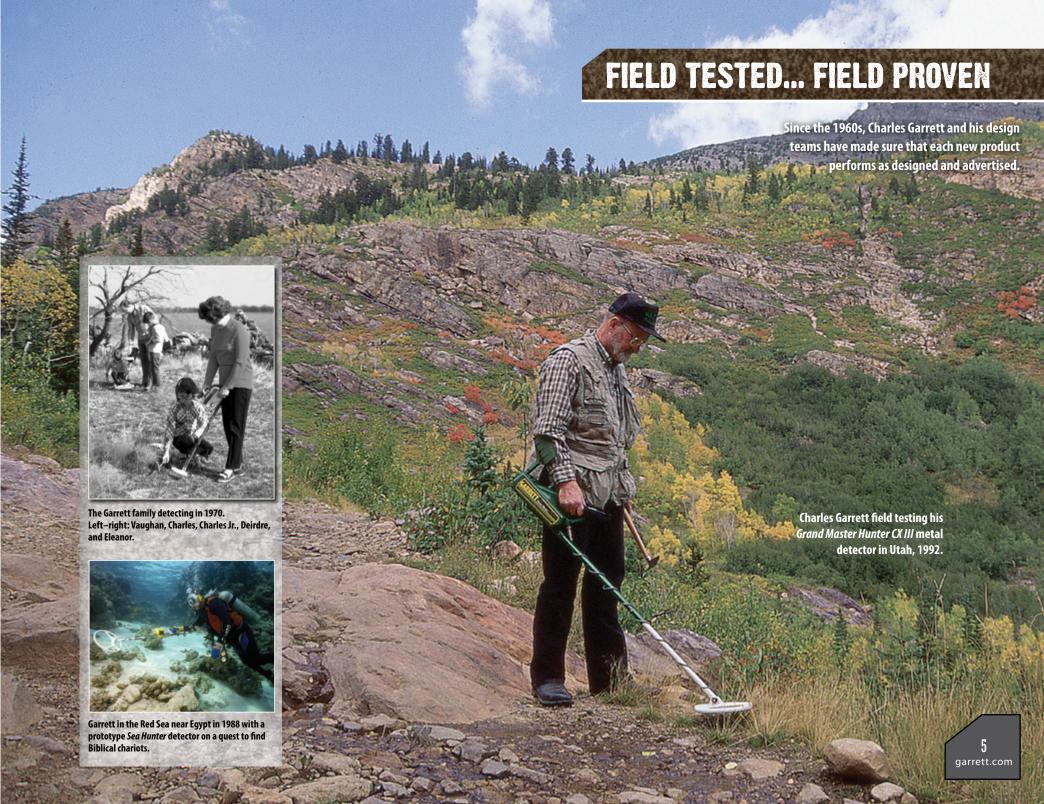
Garrett's products continue to be made in America with a goal of keeping them affordable to the hobbyist. The ACE detector series became a huge success because of the serious features offered at such a valuable price. The same philosophy of offering premium features at pricing below industry standards has helped ensure the success of such popular detectors as the fully waterproof AT Pro and AT Gold. Garrett's high performance ATX pulse induction metal detector provides gold prospecting results for less than half the price of some competitive products.

#### PROVIDE THE FINEST POSSIBLE CUSTOMER SERVICE

Charles and Eleanor knew the value of treating each customer on a personal, one-on-one level. They met many of their customers while traveling around the United States, and helped found detecting clubs and sponsored treasure hunts. Today, Garrett continues to support local clubs and detecting events, provides free online training videos, and has a skilled Customer Service staff to assist customers with questions or needs.

... REMAIN THE SAME TODAY.





# WHAT'S ON YOUR BUCKET LIST?

A gold coin? A Civil War belt plate? A silver coin cache? It's out there, whatever it is. Time to get huntin' for it!



Finder: Michal S., Brno, Czech Republic

Using: ACE 250

World War I Austro Hungarian officer's bayonet



Finder: Luke A., Kinglake, Victoria, Australia

Using: AT Gold

Find: Gold nugget finds; 23 grams total



Finder: Charlie W. of Idaho Using: Infinium LS Find: Silver coin cache



Finder: Burdy A., Oslon, France

Using: EuroACE

Find: 22 silver French Medieval coins and also two silver rings



Finder: Evan G. of Oklahoma

Using: AT Pro

Find: 1853 Seated Liberty half dime and an 1852 three-cent piece



Finder: Nathan M., Aylmer, Ontario

Using: AT Pro

Find: .53 carat, 14k gold ring found on south-western Ontario beach and appraised for \$3,490.



Finder: Terry B., Atoka, OK Using: GTI 2500 Find: High school ring



Finder: Paul S., Hesperia, CA

Using: AT Gold

Find: 19 gold nuggets found by Paul and his wife Mary in two days of prospecting using their AT Gold with 4" Super Sniper coil.

## **Share Your Treasure Adventures with Garrett**

Garrett products awarded monthly in Vaughan Garrett's Favorite Find of the Month contest.

See page 47 for details.



Finder: Mathieu C., Herault, France

Using: ACE 150

Find: Chanel watch with 1.6 carats of diamonds found in the sand on a beach in southern France.



Finder: Ovidiu P., Brasov, Romania

Using: GTI 2500 Find: 75-coin hoard of

silver Roman coins, dating between 350 to 384 AD.



Finder: Daniele S., Rosignano Solvay, Toscana, Italy

Using: ATX

Find: World War II battalion relics



Finder: Rob P., Grayson, GA

Using: AT Pro

Find: Civil War Confederate buckle



Finder: Michael B., Palmer, TX

Using: AT Gold

Find: A 1889-O Morgan silver dollar and a 1922 Peace Dollar.



Finder: Bill W., Lake City, MI

Using: ACE 250

Find: Diamond ring appraised at \$4,665



Finder: Staff Sergeant Chris P., Murrieta, CA

Using: Infinium LS

Find: Jewelry found at the beach while Chris was stationed at Okinawa, Japan.



Finder: David K., Victoria, Australia

Using: ATX

Find: Four nuggets found in area

heavily prospected by other detectors.



What will you find with your Garrett?





### **GARRETT PINPOINTERS OVERVIEW, APPLICATIONS**

TECHNICAL SPECIFICATIONS: AT PRO-Pointer vs PRO-Pointer				
COMPARISON CHART	GARRETT® PRO-POINTER AT	GARRETT PRO-POINTER®		
Proportional audio/vibration pulse for target indication	<b>✓</b>	1		
Fully waterproof?	Yes, to 10 feet (3m)	No. Weatherproof, splashproof. (IP 68)		
360° side scan detection plus pinpointing tip	✓	✓		
Fast Retune (quick-press to shrink detection field)	✓	No; use Power on/off retune method		
Adjustable sensitivity	✓	No		
Lost Pro-Pointer alarm	✓	No		
Automatic power off	✓	No		
Ruler with inch/cm markings	✓	No		
Lanyard attachment loop	✓	No		
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***,** 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 react to both ferrous and non-ferrous targets.
- Turn off your pinpointer after every use. It is designed to tune itself to its environment each time it is turned on.







### THE NEW PRO OF ALL TERRAIN PINPOINTING

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









Key to Features/Technology: see page 46

- 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 5 minutes of warning chirps; saves batteries.
- Simple, single-button operation for Power, Retune, Sensitivity adjustment, and Stealth Mode.
- Patented Proportional Audio/Vibration
- Patented scraping blade for searching soil





Includes durable woven holster for attaching to belt or to digging pouch.

PN: 1140900 MSRP: \$149.95



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



#### More Info:

Cover

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



Patent US 7,575,065 and patents pending.





### ESSENTIAL DETECTING ACCESSORY

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





### One-Touch TREASURE HUNTING

Key to Features/Technology: see page 46

- Patented Proportional Audio/Vibration Increases as pinpointer approaches target.
- Pinpoint tip detection (360° Side Scan detection)
- Automatic tuning at power on.
- Sensitivity optimized for widest variety of uses.
- LED light for low light uses. Twice to 6x the battery life of other pinpointers with LED lights.
- Belt Holster and 9V battery are included
- Water resistant

Meets IEC 60529 IP 66 standards for water and dust protection. Can be operated in the rain, but should not be fully submerged in water (only the tip, as shown below).





PN: 1166000 MSRP: \$129.95



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



The Pro-Pointer's LED flashlight helps illuminate dark recovery areas.



### **Pro-Pointer tip:**

Because the Pro-Pointer is a static, non-motion detector it should be switched off after each use to maintain optimal operation.

> Ina F. and Kelley R. from Virginia found these 3 gold coins while hunting with their wellused Garrett PRO-Pointers.









### **ACE OVERVIEW AND APPLICATIONS**

### ACE 150:

Light weight, powerful, entrylevel 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 250:

A powerful performer at a bargain price. The ACE 250, a worldwide best seller, 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 350:

The top of the ACE family, the 350 has advanced iron discrimination, 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: Garrett ACE Detectors					
COMPARISON CHART	<b>ACE</b> 150	250	350		
Target ID Cursor Segments	5	12	12		
Iron Discrimination Segments	1	2	4		
Notch Discrimination	Fixed	Adjustable	Adjustable		
One-Touch Treasure Hunting	✓	1	✓		
Search Modes	3	5 (Plus Pinpoint)	5 (Plus Pinpoint)		
Sensitivity/ Depth Adjustments	4	8	8		
Electronic Pinpointing	No	1	✓		
Frequency	6.5 kHz	6.5 kHz	8.25 kHz		
Audio Tone ID Levels	3	3	3		
Graphic Target Analyzing	1		✓		
Target Depth Indicator	1	/	✓		
Battery Condition Indicator	1	/	✓		
Standard Searchcoil	6.5" x 9" concentric  PR0formance <sup>™</sup>	6.5" x 9" concentric  PROformance	8.5" x 11" DD <b>PRO</b> formance <sup>™</sup>		
Volume Control Headphones	No	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	2.7 lbs (1.2 kgs)	2.7 lbs (1.2 kgs)	2.8 lbs (1.27 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?	Instructional DVD	Instructional DVD	Instructional DVD, Garrett® ClearSound Easy Stow Headphones		





### LIGHTWEIGHT AND EASY TO LEARN

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



## One-Touch

Key to Features/Technology: see page 46

- Large LCD Screen with easy-to-read Target ID Legend.
- Light weight with big performance at a small price
- Three Search Modes

More Info: Low Battery Indicator: icon remains on when batteries become weak.

Optional headphones with 1/4" size headphone jack. Can be disassembled into three pieces for storage/travel.

See pg. 18 for interchangeable ACE series searchcoils.



Instructional DVD Included

PN: 1138070 MSRP: \$179.95





**Adjustable** 

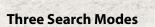
Coin Depth Indicator Determines

Target Depth

Armcuff



7-year-old Lucas H. of Virginia found this Civil War sword soon after getting his *ACE* 150.



All-Metal (Zero), Jewelry, Coins





15 garrett.com





# **BIG FEATURES, UNBEATABLE PRICE** Excellent detection depth, rugged design, and easy to operate!





### One-Touch<sup>®</sup> TREASURE HUNTING

Key to Features/Technology: see page 46

 Electronic Pinpointing Precisely locates targets and speeds recovery.

 Notch Discrimination Modify discrimination patterns for what you seek.



• Expanded Target ID Legend Easy-to-read above large LCD screen.



**Instructional DVD** Included PN: 1678700

*More Info:* Low Battery Indicator: icon remains on when batteries become weak. Adjustable armcuff. Optional headphones with 1/4" size headphone jack. Can be disassembled into three pieces for storage/travel.

See pg. 18 for interchangeable ACE searchcoils.

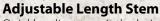
(Below) A proud Shelly H. of Nebo, IL with a 1927 Peace Dollar she found.







1881 five-dollar gold coin on a pocket chain; found by Michael K. of Stony Point, NC with his ACE 250 at an old church site.



Quickly adjust to suit the height of the user



Above: Rob C. of Shropshire, England shows his collection of Roman and Celtic coins he found.

### **Detailed Target ID Legend**

See the likely identity of a target before you dig it! Cursor indicates U.S. coin types and target's metal type: iron, gold, bronze, silver, etc.



### **Five Search Modes**

All-Metal (Zero), Jewelry, Custom, Relics, Coins

**Electronic Pinpointing** Find your target faster!







### ALL-PURPOSE VERSATILITY

Powerful DD searchcoil, enhanced discrimination offer improved ability to separate good targets from trash.







One-Touch TREASURE HUNTING

Key to Features/Technology: see page 46

### Enhanced Iron Discrimination

Allows for more control of iron discrimination levels; helps separate good targets

### ★ Powerful DD searchcoil

Provides greater detection depth and performance in mineralized grounds and excellent scanning coverage.

### ★ Higher Frequency

Offers improved ability to detect low- and midconductivity items (i.e. gold nuggets, jewelry, lead relics).

#### Notch Discrimination

Modify your discrimination patterns to help find only what you are looking for.

PN: 1679700



PN: 1612700

Free DVD & In-Line Volume **Control Headphones** included with purchase

### **Continuous Coin Depth Indicator**

Determines Target Depth

*More Info:* Low Battery Indicator: icon remains on when batteries become weak. Adjustable armcuff. Optional headphones with 1/4" size headphone jack. Can be disassembled into three pieces for storage/travel.

See pg. 18 for interchangeable ACE searchcoils.

PN: 1140260 MSRP: \$349.95





(Above) This historic 1775 belt buckle of the British 53rd Regiment of Foot was found by Dave H. of New Hampshire with his ACE 350.

**Detailed Target ID Legend** 

See the likely identity of a target before you dig it! Cursor indicates U.S. coin types and target's metal type: iron, foil, gold, silver, etc.



### **Enhanced Iron** Discrimination

Twice the iron resolution of an ACE 250

### **Five Search Modes** (Discrimination Patterns)

All-Metal (Zero), Jewelry, Custom, Relics, Coins, plus Electronic Pinpointing



Bob C. of Montrose,

CA found this 14k gold

ring with diamonds and

sapphires using his ACE 350.

### **ACE ACCESSORIES**

These items are made specifically for ACE series detectors. For other bags, packs, recovery tools, and accessories, see pages 42–44.

### **SEARCHCOILS**



9" x 12" PROformance concentric searchcoil

PN: 2221900

\$99.95



**6.5" x 9" PRO** formance concentric searchcoil (standard on ACE 250 and ACE 150)

PN: 2221700

\$89.95



8.5" x 11" PROformance DD searchcoil

(standard on ACE 350)

PN: 2222000

\$139.95



5" x 8" PROformance DD searchcoil

PN: 2223000

\$129.95



4.5" ACE Super Sniper searchcoil

PN: 2221800

COLOE

### **OPTIONAL CAMLOCK STEM**

**Black Middle Stem with Camlocks** 

PN: 2347500

\$17.50

### PROTECTIVE COVER-UP

Our **ACE cover-up** is easily installed to protect your metal detector from the weather and dirt.

PN: 1619900 \$14





left view

front view

### **DUFFLE/TOTE BAG**

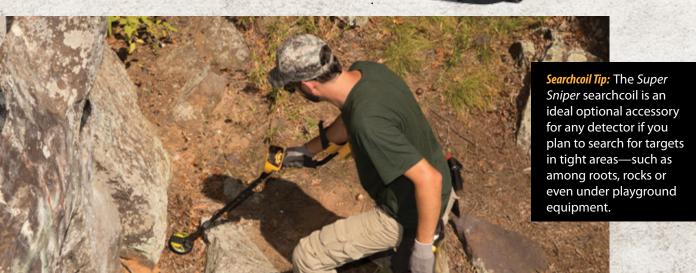
Store your ACE detector and its accessories in this handy duffle bag. Approximately 23" length with shoulder strap and carrying handles.

Common A

**ACE** Sport Tote Bag

PN: 1651500

\$14.95







# AT GOLD - AT PRO COMPARISON » Dave M. of California with an 11 pennyweight (17.1 g) gold nugget he recovered using his AT Gold.

AT Gold Tip: Try an optional larger coil on the AT Gold using the All Metal Mode to search for deeply buried coins and relics.



AT Pro Tip: The optional 5x8" DD searchcoil is designed for picking good targets out of trashy, iron-infested hunt sites.

### AT Gold:

Offers deeper detection on tiny gold nuggets, relics and small jewelry. Includes advanced ground balance and iron identification features.

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

### AT Pro:

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

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

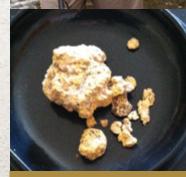
COMPARISON CHART	GOLD	
Target ID Cursor Segments	20	20
Iron Discrimination Segments	44	40
True All-Metal Mode	✓	No
Notch Discrimination	Preset (fixed)	Adjustable
Search Modes	3	6 (3 Standard, 3 Pro)
Proportional Audio	✓	✓
Tone Roll Audio™	✓	✓
Standard Binary Audio	No	✓
Fast Recovery Speed	✓	/
Sensitivity/ 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	<b>✓</b>	✓
• Saltwater use	not suggested	<b>✓</b>
Frequency	18 kHz, adjustable	15 kHz, adjustable
Audio Tone ID Levels	3	3
Target Depth Indicator	<b>✓</b>	/
Standard Searchcoil	5" x 8" DD <b>PROformance</b> ™	8.5" x 11" DD <b>PROformance</b> "
Length (Adjustable)	43" to 56"	43" to 56"
	(1.09m - 1.4m)	(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	✓	<b>√</b>
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
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» Fanel S. of Romania found these 3,000-year-old golden rings—deemed "exceptional" by his country's national museum using his AT Pro.



artillery shell find.



» Steve S. of California found these gold nuggets searching range. He was using his AT Gold with the Super Sniper coil.





# **ALL TERRAIN, ALL TREASURE**Ideal for gold nuggets, coins, relics, caches and jewelry in every terrain,

even in fresh water to ten feet.













PN: 1140680

MSRP: \$799.95









Standard Searchcoil

5" x 8" **PRO**formance™ DD coil





Confederate Civil War plate found by Tim S. with AT Gold

18 kHz Frequency

Improved detection

of small targets, gold

nuggets, jewelry, etc.

### Key to Features/Technology: see page 46

### True All-Metal, Motion **Deepseeking 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.

Instructional **DVD** Included PN: 1679600



Land Headphones Included PN: 2202400

# **All-Terrain Versatility**

Weatherproof housing designed for dusty, humid, or wet environments: unit can be submerged to a maximum 10-foot depth.



Metal Iron Audio feature.

### True All-Metal Mode

For deepest detection; plus two pre-set Discrim patterns (modes).

### **Digital Target ID**

0 to 99 Target ID offers increased ability to distinguish one target's conductivity from another.









### BRING HUNTED-OUT SITES BACK TO LIFE

Impressive recovery speed, target separation and detection depth!





















**Standard Searchcoil** 

8.5" x 11" **PRO**formance™ DD coil



Mike L. of Salem, VA found these 14 silver coins in one day on an old baseball field using his ATPro.

**Entire detector is** 

fully waterproof to 10 Feet

Key to Features/Technology: see page 46

### **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.

### High Res Iron Discrimination™

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

#### Iron Audio™

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

### **All Terrain Versatility**

Weatherproof housing designed for dusty, humid, or wet environments; unit can be submerged to a maximum 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.

See pg. 24 for interchangeable AT Pro searchcoils.

PN: 1140460 MSRP: \$699.95



Instructional **DVD** Included PN: 1679500



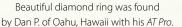
Land headphones included PN: 2202400

**Ground Balance** 

Automatic and manually adjustable for improved performance; includes saltwater.

### **Digital Target ID**

0 to 99 Target ID scale offers increased ability to distinguish one target's conductivity from another.





### Six Search Modes

Choose from Custom, Coins or Zero discrimination patterns in either the easy-to-learn Standard Mode or in the more advanced Pro Mode. Also includes electronic Pinpointing.



### AT GOLD & AT PRO TECHNOLOGY, FEATURES

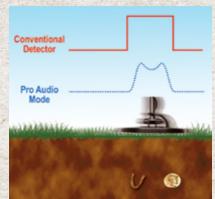
### **PROPORTIONAL AUDIO FEATURE**



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.

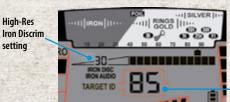
The AT Pro also includes three Standard audio modes, which provide a full-strength beep regardless of a target's amplitude. Many detectorists prefer this simpler, binary (either on or off) target response.

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.



#### HIGH-RES IRON DISCRIMINATION™

iron 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.



pixel.

**Digital Target ID** number

corresponds

conductivity

with Upper Scale

**HIGH-RES** 

40\_

#### 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.

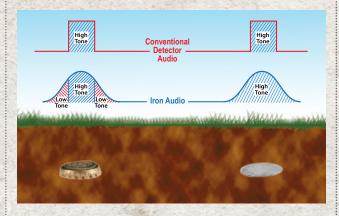
### IRON AUDIO™ AND **ALL-METAL IRON AUDIO**





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, a Garrett exclusive!

#### TONE ROLL AUDIO™

This feature provides the user with more audible target information to help identify targets, particularly iron objects. Metal 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.



AT Gold Tip: Try Disc 2 to improve detector's preformance if using the AT Gold for saltwater hunting.

The AT Gold is designed for freshwater use only.

garrett.com

# **AT ACCESSORIES**

### SEARCHCOILS



**9" x 12" PRO**formance **concentric searchcoil** *PN: 2222700* \$139.95



**6.5" x 9" PRO**formance concentric searchcoil *PN: 2222600 \$119.95* 



**8.5" x 11" PRO**formance **™ DD searchcoil** (Standard on *AT Pro*) *PN*: 2222400 \$159.95



5" x 8" PROformance™ DD searchcoil (Standard on AT Gold) PN: 2222800 \$149.95



**4.5**" *AT SuperSniper*™ searchcoil *PN*: 2222500 \$109.95

### AT CAPS



**AT Pro Camo Cap** PN: 1633400 \$9.95

**AT Gold Camo Cap**PN: 1664100 \$9











### SEE A TARGET'S SIZE AND DEPTH!

Spend less time digging trash and more time digging treasure.



























- ★ Graphic Target Imaging<sup>™</sup> (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 treasure signals based on searchcoil swing speed.

#### **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.

*More Info:* External speaker, plus headphone jack for headphones with 1/4"-size connector.



PN: 1120570 MSRP: \$1,099.95

GARRETT

Instructional DVD included

PN: 1678310



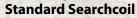
75-coin hoard of 4th century Roman silver coins, found by Ovidiu P. of Romania with his *GTI 2500*.

**Last Mode Switching** 

check a target.

Switch from All-Metal into last-

used Discrim Mode to quickly



9.5" PROformance™ Imaging coil



### **Hip Mount Battery Pack**

Reduces detector weight for long searches

### LCD Backlight

Illuminates LCD screen for improved visibility

# 6 Search Modes (Discrimination Patterns)

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

### **User Adjustable Controls**

Threshold, Volume, Sensitivity, Tone, and Discrimination





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

Smaller than coins

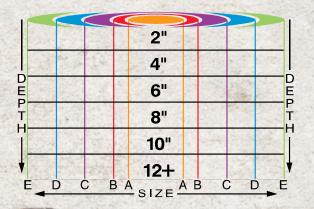
Larger than coins

Drink can size

Large treasures



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



### **GTI SEARCHCOILS & ACCESSORIES**



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



5" x 8" PROformance™ **DD Searchcoil** 



PN: 2222900 \$139.95



9.5" PROformance™ **Imaging Searchcoil** (Standard on GTI 2500) PN: 2220200 \$179.95



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



\$149.95



10" x 14" PROformance™ **Power DD Searchcoil** PN: 2217300 \$179.95



4.5" Super Sniper™ Searchcoil \$99.95

PN: 2219700



8.5" x 11" PROformance™ **DD Searchcoil** \$149.95



See pg. 41 for **Depth Multiplier** options

### OPTIONAL CAMLOCK ST

Black Middle Stem with Camlocks PN: 2347500 \$17.50



Our GTI cover-up is easily installed to protect your metal detector from the weather and dirt. PN: 1618200 \$14.95





### GTI 2500 PRO-PACKAGE

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

PN: 2220000 12.5" PROformance Imaging Searchcoil **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

### **SAVE \$83**<sup>75</sup>

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

GTI 2500 Pro-Package MSRP: \$1,399.95

> 27 garrett.com



### **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 any of the three Garrett pulse detectors, simply increase Discrimination to maximum. If the target still produces a substantial signal, there is a good chance it is

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 Infinium or 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.





TECHNICAL SPECIFICATIONS: Garrett PI Detectors						
COMPARISON CHART	Sea Hunter™	INFINIUM™ Land & Sea	ATX EXTREME PULSE INDUCTION			
Overview	Proven PI technology with 22 Frequencies. Ideal for saltwater hunting and wreck diving use.	Quality PI technology with 96 Frequencies. Great for prospecting, relic hunting, and deep submergence.	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.	Improved detection on all targets from jewelry to coins to nuggets.	Superior sensitivity on all targets, especially on small, low conductivity items (sub-gram nuggets, fine jewelry, etc.).			
Ground Balance Capabilities						
Balances to Saltwater	NO; use Discrim if necessary.	NO; use Discrim if necessary.	YES. Includes salt balance range			
FastTrack Ground Balance	NO	NO	YES			
Continuous GroundTrack	NO	3 settings: Lock, Slow, Fast	4 settings: Off, Slow, Med, Fast			
User Controls/Functions	Control knobs to alter Audio Threshold, Discrimination. Sensitivity/Depth adjustment is fixed.	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), Retune			
EMI Control	Good immunity in moderate EMI environments. No frequency adjustment available.	Good immunity in moderate EMI environments. Requires manual frequency scan and selection.	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	Adjustable via control knob	25 settings, via push-button control			
Iron Audio	NO	NO	YES. Exclusive quick iron ID			
Search Modes	Two Trash Elim Patterns (both Motion Modes)	Motion Mode only	Choose from Motion or Non-Motion Modes			
Submersion Depth	200 feet (65m)	200 feet (65m)	10 feet (3m)			
Headphones (Included)	Submersible	Standard land-use	Standard land-use			
Standard Searchcoil	8" Mono <b>PRO</b> formance <sup>™</sup>	10" x 14" DD  PROformance   The state of th	10" x 12" DD <b>PRO</b> formance <sup>™</sup>			
Length (Adjustable)	28" to 52" (.71m - 1.32m)	28" to 52" (.71m - 1.32m)	20" to 68" (.51m - 1.72m)			
Total Weight	5.1 lbs (2.3 kgs) stem-mounted	5.5 lbs (2.5 kgs) stem- mounted, 3.8 lbs. (1.72 kgs) hip-mounted	6.9 lbs (3.13 kgs)			
Batteries	8 AA (included)	8 AA (included); rechargeables included	8 AA (included); rechargeables and charger included			
Warranty	1 Year, Limited Parts/Labor	2 Year, Limited Parts/Labor	2 Year, Limited Parts/Labor			





### WRECK DIVING'S TRUSTED VETERAN

Recommended for heavily mineralized ground and saltwater environments







PN: 1151970

MSRP: \$749.95

Key to Features/Technology: see page 46

★ Superior Automatic Salt **Elimination Ability** using advanced Pulse Induction technology.

### ★ Two Discrimination Modes

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

 Discrete Trash Elimination: Use to eliminate most

pull tabs and foil without significantly degrading sensitivity for rings, coins.

• Standard Trash Elimination:

Provides the deepest possible detection; allows a very slow searchcoil sweep in areas with little trash.

PN: 1679000

PN: 2202100





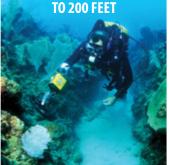
### Free DVD & Submersible Headphones

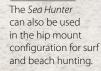
included with purchase.

### Search Mode

Non-Motion, All-Metal Deepseeking mode with Full Range PI Discrimination

**OPERATING DEPTH** 





Independently **Sealed Battery** Compartment

Full length configuration with undercuff mount for balance and maneuverability.

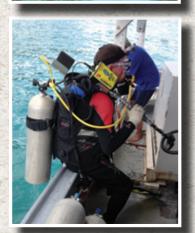




Spanish reale found by divers working a

shipwreck in the Dominican Republic.

31



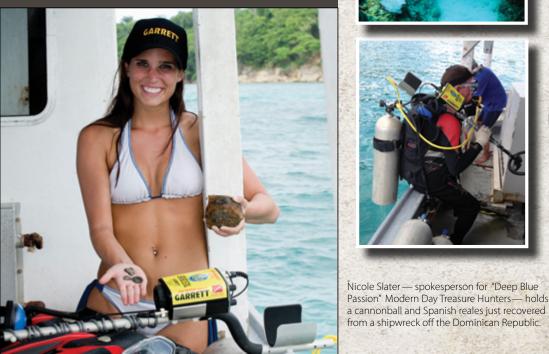
**Elimination Control** 

User adjustable

**Audio Threshold** 

User adjustable









### **OVERCOMES EXTREME CONDITIONS**

Recommended for heavily mineralized ground and saltwater environments.









Key to Features/Technology: see page 46

- \* Advanced Pulse Induction technology for automatic cancellation of salt/ground mineralization. Motion All-Metal search mode.
- \* Adjustable Audio Threshold: set background audio hum to user's preference to better distinguish target sounds.
- User Adjustable Discrimination with reverse Iron Check.

**User Adjustable Frequency** to reduce interference.

Includes instructional DVD, land-use headphones with volume control, hipmount and belt, battery charger, AA and rechargeable batteries.

PN: 1679000



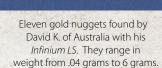


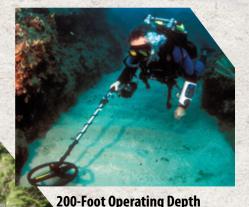
PN: 1152070 MSRP: \$1,250



**Standard Searchcoil** 

10" x 14" **PRO**formance™ DD





**96 Frequencies**Highly versatile Pulse Induction detector

for wreck diving



# Automatic Ground Track with 3 settings:

**Slow**—Use over slowly changing ground mineralization.

**Lock**—Locks ground track setting; use for most ground conditions; offers maximum depth.

**Fast**—Use over extreme or quickly changing ground mineralization.



# **INFINIUM LS SEARCHCOILS**



**10"X14"PRO**formance™ **Power DD Searchcoil**(Standard on *Infinium*) *PN*: 2217100 \$179.95



**10"x 14" Mono Searchcoil** *PN: 2216900* \$149.95



**8" Mono Searchcoil** *PN: 2217000* \$129.95



**5" x 10" DD Searchcoil\***PN: 2216700 \$139.95



**3"x 7" DD Searchcoil\*** *PN*: 2216600 \$129.95

\* not suitable for scuba diving use

# **SEA HUNTER MARK II SEARCHCOILS**



8" PROformance ™ Mono Searchcoil (Standard on Sea Hunter) PN: 2215200 \$99.95



**10" x 14" Mono Searchcoil** PN: 2215300 \$129.95







### HIGH-END, ALL-TERRAIN PULSE PERFORMANCE

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



















- **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.

Motion and Non-Motion Modes: provides optimum performance based on your hunting preference and conditions.

★ All Terrain use: fully waterproof to 10 feet (3 meters)

Includes instructional DVD, land-use headphones,

soft carry case, detector sling, battery charger, AA and rechargeable batteries, and coil cover.



PN: 1680000

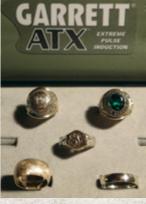


PN: 2202400

PN: 1140860 MSRP: \$ 2,495



detection of small items without having to slow the scanning speed of the coil.



Five rings found in one water hunt by Rick B. of South Yarmouth, MA.

**Waterproof Speaker** 

and control housing

### **Fully Collapsible**

Can be operated with its stem fully extended, fully collapsed, or anywhere in between. Collapses down to 20".

### **LED Indicators**

Show signal strength and current settings.

**Frequency Scan** Auto function for minimizing



### **Ground Track with 4** settings

Choose setting that best handles rapidly changing ground mineralization.





### Find fine gold other pulse detectors miss! EXTREME DETECTION

The ATX is ultra-sensitive to very small targets, such as sub-gram-size gold nuggets, that other pulse machines will not find. Larger size gold, jewelry, and even relic targets can be detected at greater depths

### No confusing programs to learn OPTIMIZED PERFORMANCE ON ALL TARGETS

The ATX is designed to optimize your effectiveness to all targets, including tiny gold. There is no need to switch modes to enhance detection of one target while degrading another. The ATX provides maximum detection on all targets all the time.

### Fully Waterproof ALL TERRAIN HUNTING

The ATX can be fully submerged to 10 feet (3 meters) for shallow water searches. Advanced Ground Balance technology allows the ATX to balance to saltwater without having to switch to a special mode.

### **ATX Includes:**

- · Land Headphones
- · Soft Carry Case
- AA Alkaline and Rechargeable batteries
- Battery charger
- Coil cover (not shown)
- Detector sling
- Instructional DVD
- · Owner's manual

\* Accessory items subject to change



### Advanced Ground Control GROUND BALANCE/GROUND TRACK

The ATX has a wide range of ground balance, allowing the detector to ground balance from heavily mineralized ground (ironstone) to salt-water without switching to special modes. In areas of variable ground conditions, choose from four GroundTrack settings (Off, Slow, Medium, Fast) to maintain maximum detection depth.

### Superior Flexibility

#### MOTION AND NON-MOTION MODES

Achieve optimum performance based on your hunting preferences and existing conditions. Motion Mode (which requires the coil or target to be in motion) is generally preferred, as it is more stable and quiet. The advanced Non-Motion Mode allows the greatest detection depth and very slow, or even stationary, scanning over targets.



### Adjustable Operating Lengths

### **EXTREME VERSATILITY**

The ATX can be operated with its stems fully extended, fully collapsed, or anywhere in between. The searchcoil can be quickly rotated into other orientations to scan embankments or walls.

### No assembly necessary EXTREME DURABILITY

Simply remove the ATX from its soft case and it is ready for operation. This rugged detector, designed to military specifications, protects all coil cables and electronics within its sturdy housing.

The ATX soft case is designed to hold the assembled detector and optional searchcoils. Includes internal pockets and fasteners to secure items.



#### 2-level target signals

#### TONE AND VISUAL TARGET INFORMATION

The *ATX* responds to all metal targets encountered with a high or low proportional tone signal (except for an item that has been discriminated). An LED bar graph display indicates signal strength and also indicates detector setting levels. The *ATX* also includes Volume Control, allowing the user to limit the response of large targets in order to better hear deep/faint signals

#### Unique discrimination ability

#### **QUICK IRON CHECK**

The ATX has twenty-five levels of discrimination and a Quick Iron Check function to audibly identify iron targets. Iron targets will produce a very low-tone growl/grunt sound that may or may not be flanked by normal tones.

### Easy-access adjustments

#### **FULL USER CONTROL**

Single push-button controls at your fingertips allow one-hand operation. There's no need for a second hand to make adjustments to sensitivity, discrimination, or other controls.

### 30 Plus years of Pulse Experience DESIGNED TO OVERCOME EXTREMES

Gold prospectors and relic hunters can choose this detector with confidence. The *ATX* and its technology have been tested in challenging ground conditions around the world, including the most extreme areas of Australia.

### Easy and accurate pinpointing

#### **ULTRA-SENSITIVE GARRETT DD SEARCHCOIL STYLE**

- Exclusive Garrett DD Technology: innovative new design improves pulse detector performance.
- Superior ground cancellation and coverage, impressive depth, and iron identification.
- Enhances detection of small items without having to slow down the scanning speed of the coil.
- Easier pinpointing than traditional DD Coils.



Most impressive is the coil's extreme sensitivity to sub-gram-size gold nuggets. The unique "sweet spot" in this *ATX* coil's center also makes pinpointing a tiny target very easy.

Steve H. of Reno, NV found these four gold nuggets with his ATX. The smallest pieces are 0.12 grams and 0.16 grams.



### **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 \$599.95



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

Standard with ATX PN: 2234600 \$529.95



### 8" (20cm) Mono Searchcoil

Excellent depth on small targets. Enhanced maneuverability in heavy scrub and tight

PN: 2234000 \$529.95



#### 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.

\$29.95 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 \$29.95



#### 10" x 12" DD Open Coil Cover

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

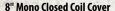
PN: 1607500 \$19.95



#### 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 \$24.95



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

\$19.95

### **ATX ACCESSORIES**



### **Garrett ATX Hard Case**

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

\$199.95 PN: 1626500

### **ATX** Shaft Nut Spanner Wrench

Use for removing camlocks on the ATX for thorough interior cleaning of assembly. PN: 1625200 \$35.95



PN: 1664200

\$9.95

### Other suggested ATX accessories:

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

See pgs. 42–44 for these and other accessories.

### PN: 1140820 Savings of \$298<sup>95</sup>\* MSRP: \$2,995.95

#### Includes:

• ATX with 10" x 12" DD coil

ATX™ DEEPSEEKER

**PACKAGE** 

Find deeply buried objects,

more with the oversized

save money—plus get a free hard case!

Buy the package and

ATX Deep Seeker searchcoil.

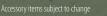
large gold, caches, relics and

- AA alkaline and rechargeable batteries

#### PLUS:

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







# GOLD PANS

# Garrett's 90° riffled design

prevents gold from sloshing out of the pan.

# **GOLD PANS**

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.



# 15" SuperSluice

PN 1650400 \$9.95

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

"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" Sifter/Classifier

PN: 1650200 \$7.95

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





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



#### 10" BackPacker

PN: 1650100 \$7.95

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

# **GOLD PAN KITS**



# Deluxe Gold Pan Kit

PN: 1651400 \$49.95

- 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

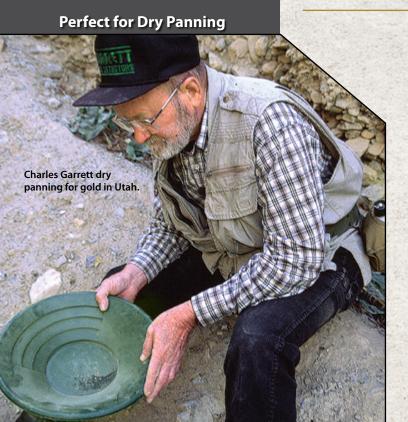


PN: 1651300 \$29.95

- 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



# **Start Your** Gold Rush Today! Watch "Gold Panning Like a Pro" video with Freddy Dodge on garrett.com.

# The quest to find gold has been around for many generations. Making memories and enjoying the great outdoors with your family is priceless!



(Above) Layne Kochan of Edmonton, Alberta, Canada pans for gold with his sons Joshua and Bryer on their gold claim in British Columbia.

# TRUSTED BY 316 MINING

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.



"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



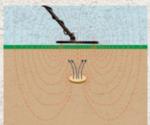
# **UNDERSTANDING SEARCHCOILS**



# **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.

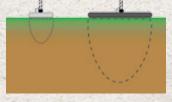
# SEARCHCOIL DEPTH

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

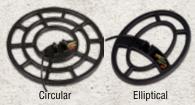
to miss small objects. For a coin-sized object, this effect becomes noticeable when using searchcoils larger than about 15" in diameter.

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.



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

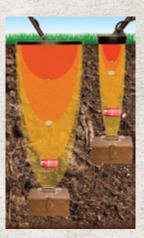
Garrett's smaller *Super Sniper* specialty searchcoils are designed to search in very tight areas or over ground that is littered with metal objects. These popular 4.5" coils offer improved target identification and are also ideal for finding tiny gold nuggets.

# 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.



# 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

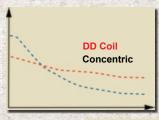
- Available only on Pulse Induction Detectors.
- Variation of the concentric configuration. Can be made with the TX and the RX coils located together or as a single coil acting as both the TX and RX.
- Detection and performance characteristics of mono coils are essentially the same as concentric coils.



# **DD Searchcoils**

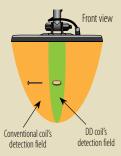
- Both TX and RX are in the shape of a "D".
- Provides greater detection depth and performance in heavily mineralized ground and saltwater.
- A long, narrow detection field runs beneath the DD's overlapping center section from front to back.
- The DD configuration is less sensitive than a concentric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

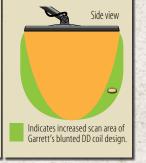




 DD coils are highly recommended when hunting over mineralized ground commonly found when prospecting and relic hunting. The DD searchcoil outperforms the concentric searchcoil in highly mineralized soil.

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





# **MULTIPLY YOUR FINDS WITH THE RIGHT SEARCHCOIL**

# **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)

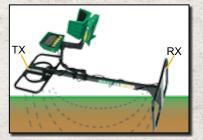
In this configuration, the TX and the RX coils are physically several feet apart. This provides a lightweight, manageable means of achieving the performance of a 3' to 4' diameter searchcoil. Because of its large detection field, the 2-box is the best choice for detecting large, deeply buried objects 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

**SAVE \$100** 



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



With Package MSRP: \$1,299%

TreasureHound EagleEye™
Searchcoil PN: 1611800
MSRP: \$299.95 (Searchcoil only)

For use only with the Garrett *GTI 2500* detector.

41 garrett.com

# **TOOLS & ACCESSORIES**



You can prevent this!

Protect your investment with Garrett searchcoil covers.

# SEARCHCOIL COVERS



10"x 14" Coil Cover



\$19.95



9.5" Coil Cover PN: 1606500 \$9.95





9"x 12" Coil Cover PN: 1612600 \$14.95



8.5" Coil Cover PN: 1602200 \$6.95



6.5" X 9" Coil Cover PN: 1605700 \$14.95



5"x 10" Coil Cover PN: 1602500 \$14.95



3"x 7" Coil Cover PN: 1601400 \$10.95



4.5" Coil Cover PN: 1604200 \$4.95



8.5" x 11" DD Coil Cover PN: 1606600 \$14.95



5"x 8" DD Coil Cover PN: 1607400 \$12.95







# **HEADPHONES**



# **Garrett Master Sound Headphones**

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



PN: 1603000 \$29.95 with 1/4-inch stereo phone plug.



PN: 2202400 \$59.95

with water tight connector for use with AT PRO, AT Gold, ATX, Infinium LS or Sea Hunter.



# **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 \$24.95



# **Submersible Headphones**

- For use with Garrett AT Pro, AT Gold, Infinum LS, ATX, and Sea Hunter Mark II metal detectors.
- Padded ear cups

PN: 2202100 \$99.95



# **Garrett TreasureSound™ Headphones**

Includes in-line volume control.

PN: 1612500 \$19.95



## 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, Infinium LS and Sea Hunter models. (Not intended for submerged use.)

PN: 1626000 \$39.95

# RECOVERY TOOLS

# Camo Digger's Pouch

This 10" deep zippered bag secures with its own

belt. Fits up to 48" waist. PN: 1612900 \$11.95



nterior zippered treasure pocket to separate treasure from trash.



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



# Camo Pouch 18" Belt Extender

\$2.50 PN: 1613000



# **Treasure Pouch**

Loop this 4.75" deep bag onto your belt. Contains 4 treasure pockets inside with a velcro fastener.

PN: 1608800 \$8.95

# Garrett™ Edge Digger

(7.5" digging blade; 12" total length) Strong carbon steel blade with cutting edge teeth. Non-slip blade guard with comfortable rubber handle. Includes Garrett carry sheath for belt mount use.

PN: 1626200 \$39.95



## **Treasure Probe**

Locate your target with this 9" hunting instrument.

PN: 1605800 \$8.95

# **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

\$14.95

# **Treasure Digger**

Avoid marring coins while digging with this tough polymer trowel, with marks to gauge depth of a hole.

PN: 1606000

\$6.95



# **Treasure Digger Kit**

Includes Treasure Pouch, Treasure Probe and Treasure Digger.

PN: 1601070

\$21.95

# **RECOVERY TOOLS**

# SAND SCOOPS



**Rugged Plastic Sand Scoop** PN: 1600971 \$19.95





**Metal Sand Scoop** Made of anodized steel PN: 1600970 \$39.95



**Stainless Steel Sand Scoop** PN: 1600900 \$59.95



Rare earth magnet collects ferrous objects.

## 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. Use the powerful rare earth magnet on top of the Retriever II to extract ferrous items from your target area. Ideal for prospecting and shallow water hunting in rocky areas. Weight: 2.8 lbs. (Holster not included.) PN: 1626700 \$64.95



# **GARRETT GEAR**



Includes bungee cord to attach to a metal detector

left or right side of the

davpack).

(attaches to D-ring on either



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.

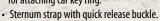
PN: 1651700 \$14.95

# **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.
- · Waist strap with utility pouch (to hold smart phone, treasure finds, sunglasses, etc.).
- Two mesh exterior pockets for drinks, etc.
- accessories.

GARRETT



- · Exterior MOLLE-type webbing grid for attaching
- · Exterior straps to secure jacket, extra clothing. PN: 1626800 \$59.95



One size fits most



## **Garrett Metal Detectors**

Metallic logo with textured gold color PN: 1663300 \$9.95



Garrett "AT GOLD"

Camo Cap PN: 1664100 \$9.95



Garrett

Black Cap PN: 1663100 \$9.95



Garrett "AT PRO"

Camo Cap PN: 1633400 \$9.95



**Garrett 50 Years** 

Limited Edition 50-Year Anniversary Cap PN: 1621100 \$9.95



Garrett "ATX" Camo Cap

PN: 1664200 \$9.95

# BAGS



**Stow and go**—Holds any current Garrett detector without remvoing the searchcoil!

# Digital Camouglage Soft Case, Universal Detector

Padded travel/storage bag, 50" length with full zipper opening, carrying handle and backpack straps. PN: 1616901 \$84.95





Reinforced handle



Five velcro pouches to hold spare searchcoils, recovery tools, a PRO-Pointer\*, manual, gloves, etc.



# **All-Purpose Carry Bag**

Reinforced polyster, 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 \$29.95



Since 1974

# -STANDARD SIZE BOOKS-

Fach book is 5.5" x 8.5'



**Ghost Town Treasures:** Ruins, Relics & Caches by Charles Garrett Revised edition. 156 pages PN 1508200 \$9.95



**Treasure Hunting** for Fun & Profit by Charles Garrett 204 pages PN 1508300 \$9.95



Relic Ouest 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 \$22.95



THE GARRETT LIBRARY COLLECTION

The New Successful **Coin Hunting** by Charles Garrett Revised edition of the authoritative guide on finding coins. 259 pages PN 1501500 \$9.95



**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 \$14.95



Gold Panning is Easy by Roy Lagal Basics on finding and panning for gold. 148 pages PN 1505470 \$9.95



Can be Found by Charles Garrett How to research, locate and recover abandoned caches. 194 pages PN 1508600 \$9.95

**Treasure Caches** 



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 \$24.95 Soft Cover

Texas Cherokees

by Stephen L. Moore

224 pages (relic recovery)

PN 1509900 \$15.95

PN 1509800

\$19.95

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 \$3.95

How to Find Gold:

PN 1509400 \$3.95

72 pages

Metal Detecting and Panning

by Charles Garrett and Roy Lagal



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

The Sport of Coin Hunting

with a Metal Detector

Includes coin ID quide!

PN 1509600 \$3.95

84 pages

PN 1509500 \$3.95



**Understanding Treasure Signs** and Symbols

300+ treasure symbol illustrations. 72 pages PN 1546000 \$3.95



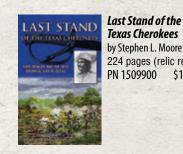
Introduction to Metal Detecting in Europe

Author's experiences, tips and techniques. 76 pages \$3.95 PN 1546200



Family Treasure Huntina—

A beginner's quide for hobbyists of all ages. 80 pages PN 1546300 \$3.95



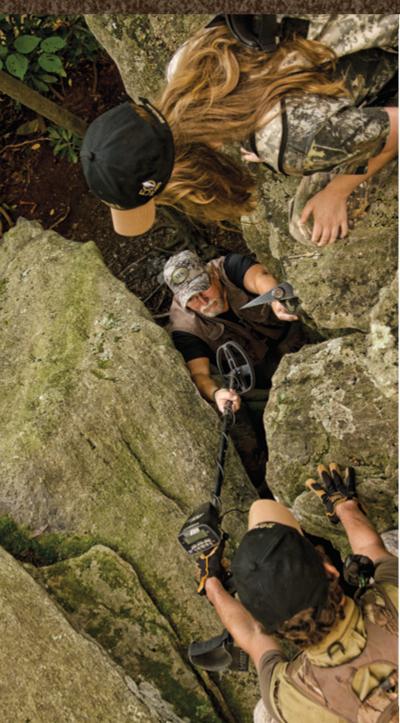
You Can Find Gold with a Metal Detector

by Charles Garrett and Roy Lagal Guide to electronic prospecting. 140 pages PN 1545500 \$9.95

Visit garrett.com for more details on all RAM Books View sample pages from any title!

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# **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-RES 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 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.



MADE IN AMERICA,
SUCCESSFUL WORLDWIDE



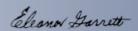


In 1964, Mrs. Garrett and I founded our company to build a better metal detector than what I was able to buy on the market. Fifty years later, my engineers and I are continually striving to make the sport of treasure hunting more productive and more enjoyable.

Eleanor and I are pleased to say that all of our topperforming metal detectors are still made in America under the strictest quality control processes. We deeply value the fact that the brand name Garrett is synonymous with quality. We are both so proud that the metal detectors we continue to make right here in Texas are used the world over to find fabulous treasures.

Charles Darrett

President & CEO



Executive Vice President



# **FREE Metal Detectors!**

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* 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!



# Vaughan Garrett's FAVORITE FIND OF THE MONTH

You could be Vaughan's next winner!

# 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
- Submit your photo and story online by using the "Submit a Story" form: http://www.garrett.com/story/





GARRETT
METAL DETECTORS
www.garrett.com

# GARRETT METAL DETECTORS

1881 W. State Street Garland, TX 75042 Tel: 1.972.494.6151 Fax: 1.972.494.1881 Email: sales@garrett.com

# **Sport Division**

Toll Free (US & Canada): **1.800.527.4011** 

# **Security Division**

Toll Free (US & Canada): 1.800.234.6151

Website: www.garrett.com

contact Garrett for more product information, or visit your local dealer:

Warranty Protection: Garrett stands behind every product it builds and offers dependable warranty, protection to each buyer. All Garrett land detectors and searchcoils are protected by a two-year limited parts and labor warranty. Sea Hunter is protected by a one-year limited parts and labor warranty. In the course of product improvement, Garrett reserves the right to make changes to the design and technical features of its products.

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 Imaging, Ground Balance Window, Iron Audio, Master Hunter, Power Master, Precise Iron Resolution, Pro Mode Audio, Pro-Pointer, Pro-Pointer, AT, RAM Books, Scan Track, Scorrcher, Scorpion Gold Stinger, Sea Hunter Mark II, ScubaMate, Super Deep Imaging, Super Sinice, Super Sniper, Target Imaging, Texas Iwister, TreasureEye, TreasureHound, Treasure Mark, Treasure Talk, Treasure Vision, Treasure Sound Garrett Metal Detectors and garrett. Com are trademarks and registered trademarks of Garrett Electronics, Inc.

Products and special offers listed in this Buyer's Guide are effective through August 31, 2015.

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