



# **GARRETT** METAL DETECTORS

International Buyer's Guide





THE POWER OF CHOICE IS YOURS WITH THE NEW GARRETT ACE APEX



US COINS

**6" x 11" searchcoil cover included** PN: 1613100 **Z-Lynk MS-3 Wireless headphones** PN: 1627710 \*included with PN: 1142325 and 1142365

# TIME TO ELEVATE

6" x 11" DD **VIPER**<sup>™</sup> searchcoil and Viper coil cover included

LIGHT WEIGHT. BROAD COVERAGE. EXCELLENT TARGET SEPARATION



• 11" size is large enough to cover plowed fields, but its narrow 6" footprint allows you to easily separate targets in trashy, iron-infested areas.

• Viper searchcoil is fully waterproof. Apex control box is fully rainproof.

**EXCELLENT TARGET SEPARATION.** Designed as a low impedance, broad-bandwidth coil to support the new *Apex Multi-Flex* multi-frequency technology.



"Metal Detecting Emily" (riaht) from Southwest England found this gold Henry VII half angel coin (ca. 1505-1509) with her Garrett Apex.





Shawn S. of North Carolina discovered this very rare one-piece 1800s North Carolina state militia "sunburst" button with his Apex.



# YOUR DETECTING TO THE NEXT LEVEL Apex is the pinnacle of affordable flexibility in single and simultaneous multi-frequency detecting technology!

# **THE POWER OF CHOICE IS YOURS WITH APEX!**



### **COMPLETE FLEXIBILITY**

Garrett's Multi-Flex technology, fueled by a cutting edge, broad-bandwidth digital platform, gives Apex more versatility than can be found on any detector in its price range!

Choose from powerful single frequencies to enhance detection on certain types of targets\*, or select one of Apex's simultaneous multifrequency modes to achieve excellent detection on all targets in all soils.

### **APEX FREQUENCY OPTIONS:**

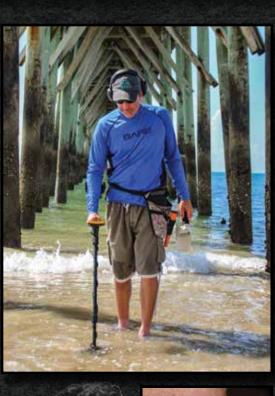
- 5 kHz
- 10 kHz 15 kHz
- 20 kHz
- Multi-Frequency
- Multi-Frequency Salt

### **8 CHANNELS PER FREOUENCY**

Apex has eight frequency shifts, or channels, for each single and multi-frequency. That's 48 frequency choices—for greater ability to hunt alongside other detectors at rallies and to overcome electrical interference.

### HIGH-RESOLUTION DISCRIMINATION

20 pixels of notch discrimination, including eight pixels of iron. Create any custom detection pattern you wish.



# OUTSTANDING SALTWATER **PERFORMANCE!**

Saturated beach sand and saltwater shallows are often challenging search environments for single frequency metal detectors. With Apex's Multi-Frequency Salt Mode, many users are enjoying smooth, quiet performance ... and impressive results!



Apex beach finds made by Michele M., Carolyn Y. and Steve M.



\* Note: lower frequencies generally offer improved detection on larger and more conductive targets (i.e. large silver coins). Higher frequencies generally offer improved detection on smaller and less conductive targets (i.e., hammered silver coins, gold nuggets).

## garrett.com



### PN: 1142320 Standard *Viper* Package:

Includes Apex metal detector with 6"x11" DD Viper searchcoil and Viper coil cover.

### PN: 1142325\*

### Wireless Viper Package:

Includes Apex metal detector, MS-3 Z-Lynk wireless \*in headphones, 6"x11" DD Viper searchcoil, and Viper coil cover. (Big savings over buying MS-3 separately)

\* Included with PN: 1142325 and 1142365

#### PN: 1142360

Standard Raider Package: Includes Apex metal detector with 8.5" x 11" DD Raider searchcoil, and Raider coil cover.

### PN: 1142365\*

Wireless Raider Package: Includes Apex metal detector with 8.5" x 11" DD Raider searchcoil, MS-3 Z-Lynk wireless headphones, and Raider coil cover. (Big savings over buying MS-3 separately)



Emily C. of Georgia (who posts as "Little Dirt Diggers") found a Civil War breastplate with her Apex!



More of Steve's finds with the Apex.



APEX SILVER! Steve M and Miguel A each found Wall

Steve M. and Miguel A. each found Walking Liberty silver half dollars in the same afternoon with their Apex.

# Walking Liberty and a silver Barber quarter.

Close up of Miquel's

# SIMPLICITY...WITH ENHANCED CONTROL

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## INTUITIVE, EFFICIENT CONTROLS

Direct drive buttons for frequently used controls. Easy-access menu adjustments for other controls.

### LARGE TARGET ID NUMBERS

Oversized Digital Target ID numbers, offering target conductivity/identity, can be easily read with a quick glance.

## 5-TONE AUDIBLE TARGET ID

Five distinct tones provide greater audible target identification than on previous Garrett detectors.

## FAST TARGET RECOVERY SPEED

Quick reactivity provides increased ability to hear good targets mixed in amongst trash.

### HYBRID AUDIO SYSTEM

Provides the simplicity of binary audio (found on existing *ACE* detectors) with the additional benefits of subtle proportional audio (found on Garrett detectors like *AT Max*) for faint targets.

### **IRON VOLUME**

Experienced treasure hunters can decrease the volume of less-desired iron targets, while the volume of desired non-ferrous targets remains at normal level.

## VOLUME CONTROL

Controls overall volume in both the built-in speaker and headphones.

## SPECIFICATIONS

Multi-Flex™ Technology	$\checkmark$	
Single Frequency Options	5, 10, 15 and 20 kHz	
Multi-Frequency Options	Simultaneous Multi- Freq. and Multi-Freq-Salt	
Z-Lynk <sup>™</sup> Wireless (integrated)	✓	
Fast Target Separation/Recovery	✓	
1/8" Headphone jack	✓	
Backlight	✓	
Ground Balance, Auto	High Resolution, 175 pts	
Iron Audio™	✓	
Iron Volume Control	✓	
Iron Discrimination Segments	8	
Volume Control	✓	
Pinpointing	√	
Water/Weather Resistance	✓	
<ul> <li>Waterproof coil/stem</li> </ul>	$\checkmark$	
<ul> <li>Rainproof control box</li> </ul>	✓	
Search Modes	6, with International	
	and U.S. Coins modes	
Large Digital Target ID	0 to 99 scale	
Audio Tone ID Levels	5 tones included with hybrid binary and propor- tional audio system	
Notch Discrimination	20 selectable segments	
Sensitivity/ Depth Adjustments	8	
Target Depth Indicator	2" / 5cm segments	
Standard Searchcoil	6" x 11" DD <b>Viper</b> "or 8.5" x 11" DD <b>Raider</b> "	
Length (Adjustable)	43" to 56" (1.09m - 1.4m)	
Total Weight	2.5 lbs (1.13 kgs)	
Battery Source	Rechargeable Lithium Ion, built-in	
Battery Condition Indicator	✓	
Warranty	2 Years, Limited Parts/Labor	

Patent No. 007956487-0001 and other patents pending.



Simply submit your favorite *Apex*<sup>™</sup> Top Find each month for the opportunity to win. Garrett will select one global winner per month. That person will be contacted to select one of two prize choices.

Visit Garrett.com for more information.

THE POWER OF CHOICE IS YOURS... Multi-Flex Multi-Frequency Technology makes the ACE Apex ideal for coin shooting, relic

hunting, shallow water wading, beach hunting, and even prospecting.

# Finds from the field. Garrett Apex users share their Top Finds!









### - APEX SEARCHCOILS -

**5" x 8" DD searchcoil Multi-Flex**<sup>™</sup> **Ripper** *PN: 2223800* 

**6" x 11" DD Multi-Flex™ Viper** *PN: 2223600* 

8.5" x 11" DD Multi-Flex<sup>™</sup> Raider PN: 2223700

Apex Environmental Cover-Up PN: 1628700













From scenic mountaintops above an ancient village to an old homesite, Garrett ACE users have unearthed some truly amazing finds. No matter where you search, you can put your trust in Garrett's ACE detectors to help you discover your own treasures.



Finder: Donald R., Florida Using: ACE 300 Find: Two-ring bridal set and a .925 silver ring



Finder: Drew M., United Kingdom Using: ACE 400i Find: Early Bronze age long flanged axe head, circa 1750–1550 BC



Finder: Jasja H., Europe Using: *ACE 300i* Find: 1704 silver gulden



Finder: Josh E., Florida Using: ACE 300 Find: 1857-O Seated Liberty half dime



Finder: Miguel A., Texas Using: ACE 200 Find: World War II-era military hat badge

Finder: Joe D., United Kingdom Using: ACE 400i Find: 3rd century hoard of 1,377 Roman coins hoard



Finder: Lucien L., Europe Using: *ACE 300i* Find: 170 World War II-era German Iron Crosses



Finder: Michael B., North Carolina Using: ACE 400 Find: Five Silver dimes and a silver ring





Relic hunter Steve Moore's finds with his ACE 400 include this Civil War-era Virginia state button (left) and a World War II German Infantry Combat badge (right).



Finder: Steve E., United Kingdom Using: ACE 400i Find: Roman he Roman headstud brooch, circa 1st century AD



Finder: Eric S., New Jersey Using: ACE 400 Find: 1787 New Jersey colonial copper coin



Finder: Chris O., New York Using: ACE 400 Find: 1902 silver Barber quarter





Using: ACE 300i Find: 1881 silver florin



Finder: Dejan S., Europe Using: ACE 300i Find: Silver Celtic coin, circa 2nd century BC



Finder: Eddy F., California Using: ACE 400 Find: Military badges and buttons



Finder: Kristoffer J., Europe Using: ACE 400i Find: Collection of modern coin finds



Finder: Simon M., United Kingdom Using: ACE 400i Find: 1421 Henry VI gold noble coin





Finder: Glenn W., Missouri Using: ACE 300 Find: 14k gold ring with 16 diamonds

### PN: 1141560 batteries included

### FREE ACCESSORIES:

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



# A TRUE TOP-SELLING PERFORMER



8.5" x 11" **PRO**formance<sup>™</sup> DD searchcoil included

**ACE**<sup>M</sup> 400*i* 







# ALL PURPOSE VERSATILITY

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

### • Iron Audio™

Allows the user to hear discriminated iron (normally silenced) to avoid digging tricky, undesired flat iron objects (i.e. bottle caps, steel washers) and to alter the detector's mid-tone signal's range.

### 10 kHz Frequency

Higher frequency provides better sensitivity on low and mediumconductivity targets (i.e. gold, lead).\*

### Digital Target ID

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

• Pulse Width Modulation Audio Provides sharp, responsive target signals.

### • 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 desirable treasure targets are being masked by iron trash.

- Adjustable Frequency Helps eliminate or minimize interference caused by electrical sources or by other metal detectors.
- Notch Discrimination Modify discrim patterns for what you seek.

### Other features:

• **Pinpoint** This non-motion All-Metal function is used to precisely locate a detected target in the ground.

- Camlocks for increased stem stability.
- Eight (8) Sensitivity/Depth Adjustments
- Five Search Modes plus Pinpoint
- One-Touch<sup>™</sup> Treasure Hunting With one touch of a button, your detector is: powered on; automatically reset to factory (or your) settings; and ready to search!
- Three FREE accessories included with purchase!

*More Info:* Continuous coin depth indicator to help determine target depth. Battery condition indicator. Graphic Target Analyzer identifies target's conductivity. Can be disassembled into three pieces for storage / travel.

\* Compared to previous ACE 350 model.







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PN: 1141450 batteries included

### FREE ACCESSORIES:

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



# BIG FEATURES, UNBEATABLE PRICES



7″ x 10″ **PRO**formance<sup>™</sup> concentric searchcoil included



See pg. 14 for interchangeable ACE searchcoils.



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

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

### Digital Target ID

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

### Adjustable Frequency

Helps eliminate or minimize interference caused by electrical sources or by other metal detectors.

### Enhanced Iron Resolution<sup>™</sup>

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

### 8 kHz Frequency

Higher frequency provides better sensitivity on low and mediumconductivity targets (i.e. gold, lead).\*

- Pulse Width Modulation Audio Provides sharp, responsive target signals.
- 7"x10" elliptical searchcoil Offers more coverage, depth.\*
- Notch Discrimination Modify discrim patterns for what you seek.

### Other features:

- **Pinpoint** This non-motion All-Metal function is used to precisely locate a detected target in the ground.
- Camlocks for increased stem stability.
- Eight (8) Sensitivity/Depth Adjustments
- Five Search Modes plus Pinpoint

• One-Touch™ Treasure Hunting

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

• Three FREE accessories included with purchase!

**More Info:** Continuous coin depth indicator to help determine target depth. Battery condition indicator. Graphic Target Analyzer identifies target's conductivity. Can be disassembled into three pieces for storage / travel.

\* Compared to previous ACE 250 model.







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PN: 1141370 batteries included

# TURN ON, AND FIND TREASURE





Junior stem kit assembly is available for ACE detectors. See page 14.

# EASY TO LEARN

Powerful, entry-level detector with One-Touch operation.



Digital Target ID

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

- Pulse Width Modulation Audio Provides sharp, responsive target signals.
- Three Search Modes
- Coin Depth Indicator helps determines target depth.
- Camlocks for increased stem stability
- Four Sensitivity adjustments
- Low Battery Indicator
- Disassembles into three pieces for storage/travel.
- 6.5" x 9" PROformance searchcoil included

# From the Field



# ACE OVERVIEW AND APPLICATIONS

### ACE 400i:

Expect great detection depth from its powerful DD coil. Also includes the Iron Audio feature, 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.

### ACE 300i:

A powerful performer at a bargain price. The ACE 300i has more modes than an ACE 200i 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 200i:

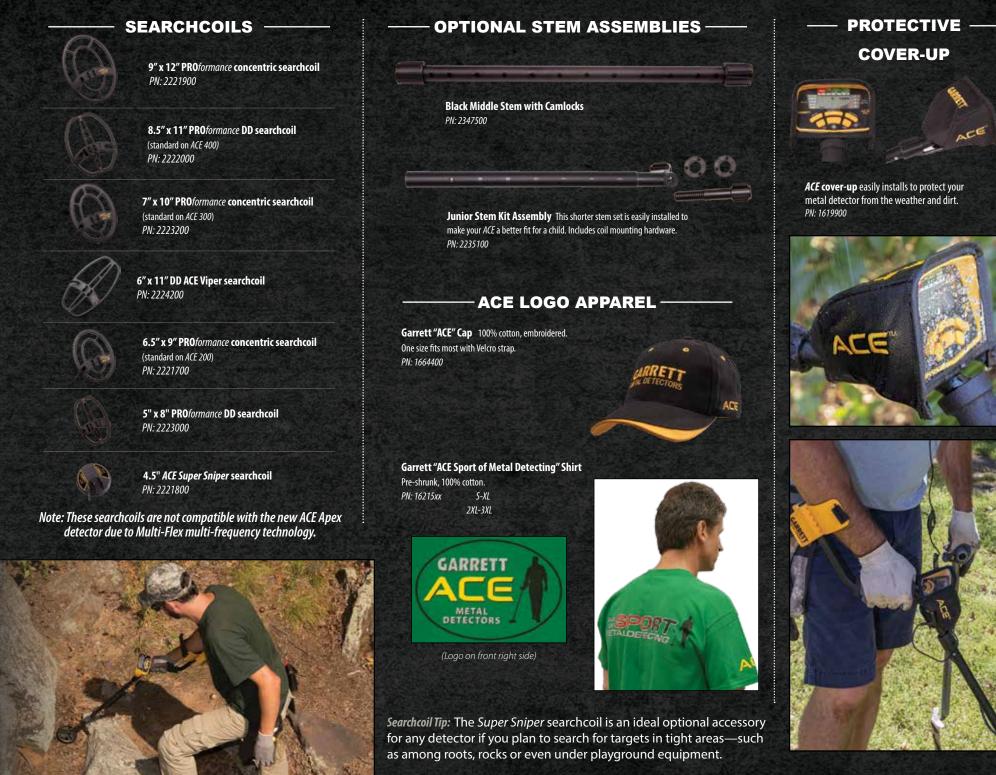
Light weight, powerful, entrylevel detector that's easy to learn. Simple One-Touch operation; turn on and begin hunting!

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

TECHNICAL S	PECIFICATION	S: Garrett ACE D	etectors
COMPARISON CHART	<b>ACE</b> 400 <i>i</i>		
Digital Target ID (0 to 99 scale)	✓	1	✓
Iron Discrimination Segments	4	4	1
Notch Discrimination	Adjustable	Adjustable	Fixed
One-Touch Treasure Hunting	✓	✓	✓
Search Modes	5 (Plus Pinpoint)	5 (Plus Pinpoint)	3
Sensitivity/ Depth Adjustments	8	8	4
Pinpoint	✓	✓	No
Frequency	10 kHz, adjustable	8 kHz, adjustable	6.5 kHz, fixed
Camlocks for more stem stability	✓	✓	√
Audio Tone ID Levels	3	3	3
Iron Audio™	1	No	No
Target Depth Indicator	✓	1	✓
Battery Condition Indicator	✓	1	√
Standard Searchcoil	8.5" x 11" DD <b>PRO</b> formance"	7" x 10" concentric <b>PRO</b> formance <sup>™</sup>	6.5" x 9" concentric <b>PRO</b> formance <sup>®</sup>
Headphones Included	<ul> <li>Image: A set of the set of the</li></ul>	✓	No
Length (Adjustable)	40" to 53" (1.06m - 1.29m)	40" to 53" (1.06m - 1.29m)	40" to 53" (1.06m - 1.29m)
Total Weight	2.9 lbs (1.32 kgs)	2.8 lbs (1.27 kgs)	2.75 lbs (1.25 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 Else is in the Box?	Easy Stow headphones, ACE cover-up, coil cover, manual	Easy Stow headphones, ACE cover-up, coil cover, manual	Owner's manual



These items are made specifically for ACE series detectors. For other bags, packs, recovery tools, and accessories, see pages 44–47.





 Finder:
 Gerd M., Europe

 Using:
 ACE 250

 Find:
 Middle Bronze Age

 bracelet (circa 1500 B.C.)



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



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 Finder:
 Wayne C., New Hampshire

 Using:
 AT Pro

 Find:
 1828 silver Capped Bust

 quarter
 1828 silver Capped Bust

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



 Finder:
 Craig W., Virginia

 Using:
 ACE 350

 Find:
 Tongue of a two-piece

 Confederate belt plate



Finder:Jason M., United KingdomUsing:AT Pro InternationalFind:Rare 40 AD Celtic gold stater



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

Finder: Rune N., Europe

Find: Viking fibula brooch from

the 6th Century

Using: AT Gold



 Finder:
 Rafal S., Europe

 Using:
 ACE 150

 Find:
 1458 Grand master of

 Johan Von Tiffen silver penny



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



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



 Finder:
 Savvus C., United Kingdom

 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.

All Garrett detectors are proudly MADE IN AMERICA 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 the back cover 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.













PN: 1142160 batteries included

Learn more about AT Max technology on page 24.

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**Z-Lynk** 

WIRELESS

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8.5" x 11" searchcoil cover included PN: 1606600 Z-Lynk MS-3 Wireless headphones included PN: 1627710

# Maximum Performance, Fully Wireless!



See pg. 25 for interchangeable AT Max searchcoils.



# THE ULTIMATE ALL TERRAIN DETECTOR

This is Garrett's most powerful All Terrain VLF detector—ideal for coin shooting, relic hunting, and more!

• Built-in Z-Lynk<sup>™</sup> Wireless Technology

Cut the cords! Integrated wireless circuitry transmit signals to your MS-3 Wireless Headphones, included at no extra cost!

### Maximum Detection Depth

Enhanced electronics, a 13.6 kHz operating frequency, and eight Sensitivity/Depth adjustments allow the user to detect a wide range of targets—including silver coins, gold jewelry, and brass relics—deeper than other Garrett *AT* detectors.

### Advanced Ground Balance Options

Automatic and manually adjustable for improved performance. An automated Ground Balance Window feature will simultaneously ground balance to a range of values to help in severely mineralized areas. The 175-point ground balance range includes saltwater.

## All Terrain Versatility

Weatherproof design for dusty, humid, or wet environments; and fully submersible to 10-foot depth. For underwater use, optional wired headphones must be used.

- **Backlight** Illuminates LCD screen for improved visibility in low light situations.
- True All-Metal Mode

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

All Metal Iron Audio<sup>™</sup>

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

Digital Target ID

Numeric identification scale from 0 to 99.

- Adjustable Threshold
   User can manually adjust the audio threshold (the constant
   background sound or "hum") to better hear targets.
- High-Resolution Iron Discrimination<sup>™</sup>

## Fast Recovery Speed

*More Info:* Continuous coin depth indicator to help determine target depth. Four search modes plus Pinpoint. Battery condition indicator. Adjustable Frequency helps eliminate interference.









PN: 1140680 batteries included

Learn more about AT Goald technology on page 24.

III IRON III GOLD

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SENSITIVITY

ARGET

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MS-2 headphones included

# All Terrain, All Treasure

5″ x 8″ **PRO**formance™ DD searchcoil included

See pg. 25 for interchangeable AT Gold searchcoils.



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

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

## True All-Metal Mode

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

### All Metal Iron Audio<sup>™</sup>

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

• Higher Frequency 18 kHz to enhance detection of small gold nuggets.

### Ground Balance Window

Garrett Exclusive feature that allows user to "spread" the ground balance setting to reduce the response to subtle ground variations. All Terrain Versatility

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

# High-Resolution Iron Discrimination<sup>™</sup>

Provides fine resolution of iron discrimination (44 levels) for the most precise ability to separate a good target from iron trash.

- Digital Target ID Numeric scale from 0 to 99; indicates a target's conductivity.
- Pro Mode Audio Proportional audio response and Tone Roll Audio features provide more target information. See page 24.

### Fast Track<sup>™</sup> Ground Balance

Automatic feature that allows the user to guickly ground balance the detector in mineralized soil conditions. Ground balance can also be adjusted manually.

Adjustable Threshold

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

### Fast Recovery Speed

Allows greater ability to pick out good targets amongst trash.

Three Search Modes plus Pinpoint.

More Info: Continuous coin depth indicator to help determine target depth. Battery condition indicator. Graphic Target Analyzer identifies target's conductivity. Adjustable Frequency helps eliminate interference.







PN: 1140560 batteries included

Learn more about AT Pro technology on page 24.

A Deserve

MS-2 headphones included

# Bring Hunted-Out Sites Back to Life

8.5" x 11" **PRO**formance™ DD searchcoil included

See pg. 25 for interchangeable AT Pro searchcoils.



# READY FOR ALL TERRAIN - WATERPROOF TO 10 FEET

Impressive recovery speed, target separation and detection depth!

### Pro Mode Audio

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

### All Terrain Versatility

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

### High-Resolution Iron Discrimination<sup>™</sup>

Provides fine resolution of iron discrimination (40 levels) for the most precise ability to separate a good target from iron trash.

### Iron Audio<sup>™</sup>

Allows the user to hear discriminated iron (normally silenced) to avoid digging tricky, undesired flat iron objects (i.e. bottle caps, steel washers) and to alter the detector's mid-tone signal's range.

### Digital Target ID

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

### Fast Track<sup>™</sup> Ground Balance

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

### Ground Balance (Manual)

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

### • Pinpoint

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

### Fast Recovery Speed

Allows greater ability to pick out good targets amongst trash.

### • One-Touch<sup>™</sup> Treasure Hunting

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

*More Info:* Continuous coin depth indicator to help determine target depth. Battery condition indicator. Graphic Target Analyzer identifies target conductivity. Adjustable Frequency helps eliminate interference.







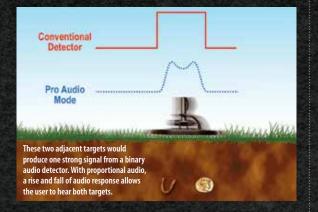
23

# **TECHNOLOGY, FEATURES: AT Max, Gold, Pro**

### **PROPORTIONAL AUDIO FEATURE**

The AT Max, AT Gold, and AT Pro each 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.



#### HIGH-RES IRON DISCRIMINATION™

With adjustable levels of iron discrimination (40 points on the *AT Pro* and 44 points on the *AT Gold* and *AT Max*), 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.



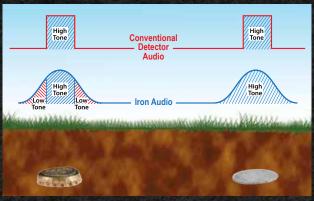
### DIGITAL TARGET ID (0 TO 99 SCALE)

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<sup>™</sup> 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 Max and AT Gold also feature 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 Max* and *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.



is designed for use in freshwater. Alt Gold Tip: Try Disc 2 to improve detector's performance if using the AIT Gold for saltwater hunting.

The AT Gold

### **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, AT Gold,* and *AT Max* cannot be submerged, however the cord leading to the headset is submersible.

#### **GROUND BALANCE OPTIONS**

Each *AT* detector has both 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 allowing 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.

The *AT Max* has the most advanced ground balance features, including Automatic Ground Balance Window<sup>M</sup>—in which the detector automatically spreads the ground balance where needed.



## WHICH GARRETT ALL-TERRAIN DETECTOR IS BEST FOR YOU?

AT Max—Offers the deepest detection, True All Metal Mode, and wireless capability. Recommended for all terrains, including both salt and freshwater environments. Use for coins, jewelry, relics, gold, and competition hunts.

AT Gold—Its higher frequency, True All Metal Mode, and small searchcoil make it hot on tiny gold nuggets, relics, and small jewerry. Its advanced ground balance features make it ideal for prospecting and freshwater hunting.

AT Pro—Choose from easy-to-learn Standard Modes or advanced Pro Modes for more target information and depth. Can be submerged in either saltwater or freshwater. Great for coins, jewelry, relics, and gold.

# **AT ACCESSORIES**

depth. Can be submerged in either satwater of neshwater. Great for coms, jeweny, rencs, and gold.				
COMPARISON CHART				
Z-Lynk <sup>™</sup> Wireless (integrated)	✓ (With MS-3 Z-Lynk headphones included)	No	No	
Iron Discrimination Segments	44	44	40	
True All-Metal Mode	✓	1	No	
Backlight	✓	No	No	
Volume Adjustment	✓	No	No	
Notch Discrimination	Adjustable	Preset (fixed)	Adjustable	
Search Modes	4, all Pro Audio	3, all Pro Audio	6 (3 Standard, 3 Pro)	
Proportional Audio	✓	1	✓	
Standard Binary Audio	No	No	✓	123
Fast Recovery Speed	✓	1	✓	S.L
Sensitivity/ Depth Adjustments	8	8	8	X
Iron Audio™ (Disc. Modes)	✓	1	✓	N.
Iron Audio <sup>™</sup> (All Metal Mode)	✓	1	No	
Threshold Adjustment	✓	1	No	
Digital Target ID	✓	1	✓	E.A.
Ground Balance, Auto/Manual	✓	1	✓	
Ground Balance Window™	🗸 (Automatic)	1	No	
Pinpoint	✓	1	✓	
Waterproof to 10 feet (3m)	✓	1	✓	
<ul> <li>Freshwater use</li> </ul>	✓	✓ ✓	✓	
<ul> <li>Saltwater use</li> </ul>	✓	not recommended	✓	
Frequency	13.6 kHz, adjustable	18 kHz, adjustable	15 kHz, adjustable	
Audio Tone ID Levels	3	3	3	
Target Depth Indicator	✓	1	✓	
Standard Searchcoil	8.5" x 11" DD <b>PROformance</b>	5" x 8" DD <b>PROformance</b> ™	8.5" x 11" DD <b>PROformance</b>	11
Length (Adjustable)	43" to 56" (1.09m - 1.4m)	43" to 56" (1.09m - 1.4m)	43″ to 56″ (1.09m - 1.4m)	
Total Weight	3.03 lbs (1.4 kgs)	2.8 lbs (1.27 kgs)	3.03 lbs (1.4 kgs)	
Batteries	4 AA (included)	4 AA (included)	4 AA (included)	
Battery Condition Indicator	✓	1	✓	N.
Warranty	2 Years	2 Years	2 Years	12

## SEARCHCOILS

9" x 12" PROformance<sup>™</sup> concentric searchcoil PN: 2222700

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

6" x 11" DD AT Viper searchcoil PN: 2224000

6.5" x 9" PROformance<sup>™</sup> concentric searchcoil PN: 2222600

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

4.5" AT SuperSniper™ searchcoil PN: 2222500

AT CAPS



AT Max cap PN: 1664600

AT Pro Camo Cap PN: 1633400

garrett.com 🗾 25



PN: 1120570 batteries included

# See a Target's Size and Depth!

GARRETT.=

6

reasure/ision

9.5" **PRO**formance<sup>™</sup> Imaging searchcoil included



**Exclusive Graphic Target Imaging included** See page 28 for details.





# KNOW THE SIZE OF A TARGET BEFORE YOU DIG.

Spend less time digging trash and more time digging treasure.

- Graphic Target Imaging<sup>™</sup> (GTI) Garrett Exclusive feature that shows true target size (5 size options) and depth.
- All Metal, Non-Motion Deepseeking Mode Provides greatest possible detection depth and sensitivity.
- Ground Balance Automatic and Manually Adjustable. Also: FastTrack<sup>™</sup> Ground Balance, for use in All-Metal Mode.
- Backlight Illuminates LCD screen for improved visibility.

6 Search Modes (Discrim Patterns)

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

- ScanTrack<sup>™</sup> Optimization Garrett's circuitry automatically adjusts to produce peak audio signals on every detected target regardless of whether the user's searchcoil swing speed is slower or faster than optimum.
- Automatic Ground Tracking Detector automatically adjusts itself to ground mineralization for optimum performance.

Salt Elimination Aid

Helps eliminate interference caused by wet sand at the beach. Other features:

- Surface Elimination Aid 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









ABBITT

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

12.5" PR0/ormance Imaging SearchcoilPN: 2220000MS-2 HeadphonesPN: 1627300Soft Case, Universal Detector Bag (camo)PN: 1616901GT/ Environmental Cover-upPN: 1618200Treasure QuestPN:1510100

GTI 2500 Pro-Package (Savings based on total cost of items if purchased separately.)

# **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 (DD searchcoil required).

#### Things to Know About Pulse Induction Detectors:

- Pulse induction metal detectors are also commonly referred to as multiple frequency detectors.
- Target ID capabilities are 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 other 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.



### 3 Standard coil options

PN: 1140860	ATX with 10" X 12" DD open coil
PN: 1140870	ATX with 11" X 13" DD closed coil
PN: 1140880	ATX with 11" X 13" Mono closed coil

# Hunt Once, Get It All.

Find what the other detectors missed.

### Easy Access Adjustments

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



MS-2 headphones, soft carry case, AA alkaline and rechargeable batteries, battery charger, coil cover, detector sling, and owner's manual



RETUNE / PINPOINT

FREQ SCAN

GARRETT



# 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 Allows the operator to audibly identify iron targets when using a DD searchcoil.
- 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: Weatherproof design for dusty, humid, or wet environments; and fully submersible to 10-foot depth.
- Adjustable Sensitivity, Discrimination, Volume, and Frequency Scan Each can be adjusted with one hand.

- **Ground Track (Automatic)** Choose from four tracking speeds to have the *ATX* continuously measure ground mineralization and automatically adjust itself for optimum performance.
- Advanced DD searchcoil Provides easy pinpointing and enhanced detection of small items without having to slow the scanning speed of the searchcoil.





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



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### 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* 

**11" x 13" (28cm x 33cm) Mono/DD Closed Searchcoils** Closed coil design easily slides over rough ground/vegetation; more resistant to impacts; ideal for prospecting. Exclusive sliding-mount allows center-mount for balanced operation and rear-mount for compact storage. Includes coil cover. *Mono version, PN: 2235200* DD version, PN: 2235300



10" x 12" (25cm x 31cm) DD Open Design Searchcoil Excellent detection on large and small targets. Open design is

## ideal for water hunting. *PN: 2234600*



8" (20cm) Mono Searchcoil Excellent depth on small targets. Enhanced maneuverability in tight areas. PN: 2234000

**11" x 13" Mono/DD Coil Covers** Provides solid protection for searching rocky areas. (Same cover fits either Mono or DD coil.)

PN: 9883600

#### **15" x 20" Mono Closed Coil Cover** Provides solid protection for searching rocky areas. *PN: 1608300*

15" x 20" Mono Open Coil Cover

Maintains visibility; collects less sand and sediment, and is lighter weight than a closed cover. *PN: 1608200* 

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

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

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

Maintains visibility; collects less sand and sediment; lighter weight; more maneuverable underwater than a closed cover. *PN: 1607500* 

#### 8" Mono Closed Coil Cover

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

# used to help free hard

ATX<sup>™</sup> 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—10"x12" DD Coil Package PN: 1140840—11" x 13" Mono Coil Package PN: 1140830—11" x 13" DD Coil Package

#### Includes:

- ATX with your choice coil
- Soft carry case
- Battery charger
- MS-2 headphones
- AA alkaline and
- rechargeable batteries
- Coil covers

### PLUS:

- 15" x 20" Deepseeker
- mono searchcoil
- Military-grade
   hard case
- - Detector sling

\* Savings based on actual cost of items if purchased separately.





## — ATX ACCESSORIES –

#### **Garrett ATX Hard Case**

Military-grade design. Holds *ATX*, soft case, and accessory searchcoils. *PN: 1626500* 

### ATX Shaft Nut Spanner Wrench

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

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	ATX <sup>M</sup> 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.).	
<b>Ground Balance Capabilities</b>	NO	YES. Fast Track	
Balances to Saltwater	NO. Inherently immune to most saltwater; use Discrim if necessary.	YES. Inherently immune to most saltwater; use Ground Balance if needed.	
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 quietest operation.	
Discrimination/Delay	Adjustable via control knob	25 settings, via push-button control	
Iron Audio	NO	YES (Requires DD coil)	
Search Modes	Two Trash Elim Modes (both Motion Modes)	Motion and Non-Motion Modes, plus Pinpoint	
Submersion Depth	200 feet (65m)	10 feet (3m)	
Headphones (Included)	Submersible	Standard land-use	
Standard Searchcoil	8" Mono	10" x 12" DD	
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 (included)	8 AA alkaline	8 AA alkaline, plus 8 AA rechargeables and charger	
Warranty	2 Year, Limited Parts/Labor	2 Year, Limited Parts/Labor	





CARRETT ~

PN: 1151970 Batteries, hip mount holster, and belt assembly included

ELIMINATION



INCLUDED: Submersible Headphones **OPTIONAL: 10" x 14" Mono Searchcoil** PN: 2215300

# Wreck Diving's Trusted Veteran

8" **PRO**formance<sup>™</sup> mono searchcoil included



# EXPLORE FOR TREASURE DOWN TO 200 FEET!

Recommended for saltwater environments

- Superior Automatic Salt Elimination Ability
   using Pulse Induction technology.
- User Adjustable Controls Elimination, Audio Threshold
- Independently Sealed Battery Compartment
- Fully waterproof to 200 feet
- Two Discrimination Modes Each offers varying levels of non-ferrous 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.





(Below) Some of the rings and jewelry found by John M. of Texas has discovered in lakes and rivers with his Sea Hunter.





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

# **GARRETT PINPOINTERS OVERVIEW, APPLICATIONS**

### TECHNICAL SPECIFICATIONS: PRO-Pointer AT Z-Lynk vs PRO-Pointer AT vs PRO-Pointer II

COMPARISON CHART	GARRETT PRO-POINTER®AT Z-Lynk	GARRETT PRO-POINTER'AT	GARRETT PRO-POINTER II
Z-Lynk Wireless Technology	<b>√</b>	No	No
Proportional audio/vibration pulse for target indication	1	1	1
Fully waterproof?	Yes, to 20 feet (6m). IP 68	Yes, to 20 feet (6m). IP 68	No. Weatherproof, splashproof. (IP 66)
360° side scan detection plus pinpointing tip	1	1	1
Fast Retune (quick-press to shrink detection field)	1	1	Use quick Power off/on retune method
Adjustable sensitivity	✓	✓	No
Lost Pro-Pointer alarm	✓	✓	1
Automatic power off	<b>√</b>	1	✓
Ruler with inch/cm markings	<b>√</b>	1	No
Lanyard attachment loop	✓	1	1
Automatic tuning at turn-on?	<b>√</b>	1	✓
Patented scraping blade	✓	1	1
LED light	<b>√</b>	1	✓
Operating Temperatures	-4ºF (-20ºC) to 130ºF (54ºC)	-4ºF (-20ºC) to 130ºF (54ºC)	-4ºF (-20ºC) to 130ºF (54ºC)
Total weight	6.5 oz. (0.2 kg) w/battery	6.5 oz. (0.2 kg) w/battery	6.5 oz. (0.2 kg) w/battery
Battery	9V (included)	9V (included)	9V (included)
Warranty	2 Year, Limited Parts/Labor	2 Year, Limited Parts/Labor	2 Year, Limited Parts/Labor
Web holster	Included	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**

**All** 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 either of the** *PRO-Pointer AT* pinpointers 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.

The Pro of All Terrain Pinpointers . . . is now Wireless

## **PRO-POINTER®AT**



All Terrain Pinpointer

PN: 1142200

## nuggetnoggin

## PRO-POINTER®AT

GARRETT

Z-Lynk

All Terrain Pinpointer

- One-Press Syncing to Garrett Z-Lynk wireless receivers.
- Wireless Convenience: Hear both detector and pinpointer alarms in your headphones, even in noisy environments (beach, high winds, congested urban areas, organized hunts).
- **Fast Retune:** Quick button-press instantly tunes out environment or narrows your detection field for precise pinpointing of larger targets.
- Single-button operation for Power, Retune, Sensitivity adjustment, and Silent Mode (vibration only).
- Lost Pro-Pointer Alarm: After 5 minutes with no button presses, the pinpointer emits periodic warning chirps.

## Fully waterproof to 20 feet (6 meters)\*

- Automatic power off after one hour of warning chirps; saves batteries.
- Patented proportional audio/vibration
- Patented scraping blade for searching soil.
- Lanyard attachment loop allows *Pro-Pointer AT* to be attached to your belt, digging pouch or metal detector.
- LED flashlight for low light searches.
- Woven belt holster, 9-volt battery included
- Ruler in inches and centimeters molded into side of pinpointer to judge target depth.



\* Radio signals do not transmit through water, so when hunting fully submerged, you must rely upon the Pro-Pointer's vibration and audio alerts without the benefit of headphones.

# **SUBMERSIBLE TO 20 FEET!**







## **Prospecting Channel**

# GARRETT PRO-POINTER® AT

- Fully waterproof to 20 feet with orange color for added visibility underwater.
- Maximum Sensitivity for improved detection of nuggets and other small targets. Choose from three Sensitivity levels.
- Simple, single-button operation for Power, Retune, Sensitivity adjustment, and Silent Mode (vibrate only).
- **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.

- Patented proportional audio/vibration
- Patented scraping blade for searching soil.
- Lanyard attachment loop allows *Pro-Pointer AT* to be attached to your belt, digging pouch or metal detector.
- Bright LED for low light searches.
- Woven belt holster, 9-volt battery included
- Ruler in inches and centimeters molded into side of pinpointer to judge target depth.





## **RECOVER TARGETS FASTER!**



PN: 1166050



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





• Faster retuning capability\* Fast on/off cycles allow users to quickly tune out the detection of saltwater, wet sand, or highly mineralized ground.

- Increased durability and sensitivity\*
- Lost Pro-Pointer Alarm: Emits warning chirp 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 uses Twice to 6x the battery life of other pinpointers with LED lights.

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

• **Pinpoint tip detection** plus 360° side scan detection.

- Lanyard attachment loop allows *Pro-Pointer* II to be attached to your belt, digging pouch, or metal detector.
- Belt holster and 9V battery included

#### • Water resistant Meets IEC 60529 IP 66 standards for water and dust protection (see below).

\*compared to original Garrett Pro-Pointer



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's 90° riffled design

prevents gold from sloshing out of the pan.



#### 15" SuperSluice

- PN 1650400
- Traps fine gold to
- nuggets over 1 oz.
- Twin 1/2" riffles



#### 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



PN: 1650100

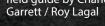
- Great for wet /dry panning or finishing
- Four 1/4" riffles
- Lightweight
- Portable



## **GOLD PAN KITS**

#### Deluxe Gold Pan Kit PN: 1651410

- 14" Gold Trap Pan
- 15" SuperSluice Pan
- 14" Sifter/Classifier
- 10" Backpacker Pan
- Gold Guzzler bottle
- 2 Gold vials
- Tweezers/magnifier
- How to Find Gold field guide by Charles







## Gold Pan Kit

- PN: 1651310
- 14" Gold Trap Pan
- 14" Sifter/Classifier
- 10" Backpacker Pan
- Gold Guzzler bottle



• 2 Gold vials

- Tweezers/magnifier
- *How to Find Gold* field guide by Charles Garrett and Roy Lagal



## Introducing a Revolutionary 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.
- Patented design (9,662,722 and D776722).
- 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.

Generous panning surface

Optimum angle for panning

33% more floor area than conventional 14" gold pan

## **Perfect for Dry Panning**

Garrett's *Gravity Trap*<sup>®</sup> 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.



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

## **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.

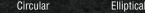
Generally speaking, the larger the searchcoil, the larger the magnetic field.



#### 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.





- 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** 

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.

Available for GTI, ACEs, AT Pro, AT Gold, AT Max

#### 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**

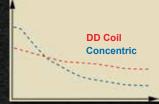
- TX and RX are usually arranged as shown.
- This configuration provides the largest possible detection field and greatest detection depth, making the concentric coil potentially the most sensitive configuration available.
- Provides the most symmetrical detection field, allowing ease in pinpointing 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.



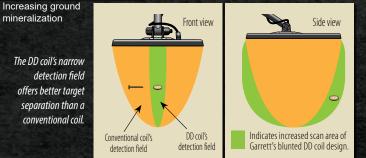
 DD coils are highly recommended when hunting over mineralized ground commonly found when prospecting and relic hunting. The DD searchcoil outperforms the concentric searchcoil in highly mineralized soil.

(Inside Coil)

(Outside Coil)

(Inside Coil)

(Outside 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)



conventional coils.

#### 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<sup>™</sup> Depth Multiplier PN: 1611800

(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

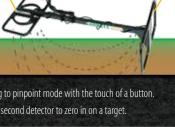
#### **INCREASE YOUR DEPTH** 2x-3x ON LARGE TARGETS

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

With Package TreasureHound EaaleEve™ Searchcoil PN: 1611800 (Searchcoil only)

For use only with the Garrett GTI 2500 detector.

RX





#### **SEARCHCOIL COVERS** -

10" x 14" Coil Cover

PN: 1606400

**9.5" Coil Cover** PN: 1606500

#### **BAGS/BACKPACKS**

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



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

GARRETT

We fall be them



**7" x 10" Coil Cover** PN: 1604300

**6.5" X 9" Coil Cover** PN: 1605700



**6" X 11" Coil Cover** PN: 1613100

**5" x 10" Coil Cover** PN: 1602500

**4.5" Coil Cover** PN: 1604200



**8.5" x 11" DD Coil Cover** PN: 1606600

**5" x 8" DD Coil Cover** PN: 1607400





#### 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

GARRETT

#### **Garrett Sport Daypack** (shown at right) This narrow profile pack will hold all the gear and supplies for a full day of detecting. Approximately 14" interior height x 11.5" width.

Includes: six zippered compartments; two internal pouches to separate items; internal sunglasses pouch; exterior webbing grid to secure other items; hideaway hipbelt; side straps to cinch up pack or to secure a jacket or rain gear. PN: 1627200

GARRETT

#### **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





**Rugged Plastic Sand Scoop** PN: 1600971

This 10" deep zippered bag secures with its

**Camo Digger's Pouch** 

PN: 1612900

own belt. Fits up to 48" waist.

#### **RECOVERY TOOLS**



**Metal Sand Scoop** PN: 1600970



**Stainless Steel Sand Scoop** PN: 1600900



**GARRETT GEAR** Visit garrett.com for T-shirts and other branded items

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Garrett Black Cap PN: 1663100



One size fits most See other Garrett caps on pages 14 and 25.







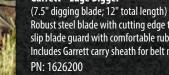




PN: 1627900









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





Exterior MOLLE-type

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







#### Garrett<sup>™</sup> Edge Digger

Robust steel blade with cutting edge teeth. Nonslip blade guard with comfortable rubber handle. Includes Garrett carry sheath for belt mount use.

Since 1974

## **Z-LYNK WIRELESS FREEDOM**



## **Z-Lynk SPECIFICATIONS**

**Operating Frequency:** 2.4 GHz band frequency hopping (prevents interference with nearby headphones and other wireless devices)

Environmental: Water resistant; do not submerge. WR-1 (receiver): IP 52: protects against light rain WT-1 (transmitter): IP 64: protects against heavy rain

Speed: 17 millisecond delay

Volume: Adjustable via WR-1 unit

Battery Type: Rechargeable Lithium Ion

Battery Life: Up to 30 hours per charge

Charging: USB (cables included)

Warranty: 2 years, limited parts and labor Operating Temperature: -20°C (-4°F) to 60°C (140°F)

## The Ultimate Wireless Solution for Any Metal Detector!

PRO-POINTER®AT

Garrett MS-3 Wireless Z-Lynk Kit! PN:1142210





# GARRETT Z-Lynk

Wireless System



#### Z-Lynk Wireless System: 1/4" headphone kit

Includes WT-1 transmitter, WR-1 wireless receiver with 1/4" jack, a 1/4" audio cable, a mounting band, two USB charging cables, and carrying case. PN: 1627100



Everything needed for creating a wireless detector with 1/4" jack headphones.



#### Z-Lynk Wireless System: 2-pin AT headphone kit Includes WT-1 transmitter, WR-1 wireless receiver with 2-pin

AT connector, a 2-pin AT audio cable, mounting band, two USB charging cables, and carrying case. PN: 1627110



Everything needed for creating a wireless detector with Garrett AT headphones.

#### Garrett Z-Lynk Adapter Cable, 2-pin AT to 1/4" PN: 1627800

Adapts 2-pin AT headphones to systems with 1/4 inch phoneplug. (Not compatible with ACE 150, 250, 350, 200, 300, 400, and EuroACE models.)



Create wireless freedom with any of your detectors. Hear your targets 6x faster than Bluetooth speed!

See garrett.com for videos and more information on Z-Lynk products and accessories.

#### **OPTIONS & ACCESSORIES**

#### **GARRETT HEADPHONES**



#### **Z-Lynk Wireless Transmitter**

 Includes WT-1 transmitter, a 1/4" audio cable. a mounting band, and a USB charging cable. PN: 1627500 *Keep all of your metal detectors wireless-ready by* picking up an additional Z-Lynk transmitter.

#### **Z-Lynk Wireless Receiver** (for 1/4" headphones) • Includes WR-1 receiver with 1/4" head

**Z-Lynk Wireless Receiver** 

charging cable.

E

**Garrett Z-Lynk** 

PN:1627400

1/4" Audio Cable

PN: 1627610

(for 2-pin AT headphones)

Includes WR-1 receiver with 2-pin AT connector and USB

For use as a replacement or backup unit on any Garrett AT detector.

**ALSO AVAILABLE:** 

**Garrett MS-3 Wireless Z-Lynk Kit** 

 Includes MS-3 Wireless Head phones, Z-Lynk WT-1 transmitter module, a 2-pin (AT) audio cable

jack, a 1/4" audio cable jack, a

mounting band, and two USB

Ready to connect to any style

charging cables.

metal detector!

PN:1627720

phone jack and a USB charging cable. PN: 1627600 For use with most any headphones with 1/4" jack.



#### **Garrett MS-3 Z-Lynk Wireless Headphones**

- Built-in Z-Lynk receiver. High fidelity audio.
- Use with any Garrett Z-Lynk detector or transmitter module. • Volume control. USB charging cable included.

PN: 1627710

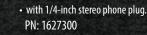
Z-Lynk

**Garrett ClearSound Easy Stow Headphones** • 41" (104.1 cm) cord extends to 82" (208.3 cm) Padded ear cups In-Line volume control Rotating ear pieces PN: 1612700

shown compact

#### Garrett MS-2 Headphones (wired)

- Volume control. Adjust signal levels to suit individual hearing requirements and to enhance weak signals.
- Comfortable headband and ear cushions.
- Reinforced 10-foot coiled cord.
- Speaker impedance: 8 ohms
- Frequency response: 30-18,000 Hz.



 with watertight connector for use on AT Max, AT Pro, AT Gold, ATX or Sea Hunter. PN: 1627310

#### Submersible Headphones

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

**Mounting Band** (spare) For mounting a WT-1 module on a detector. PN: 9885100



#### 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 Garrett AT Max, AT Pro, AT Gold, ATX, and Sea Hunter. (Not intended for submerged use.) PN: 1626000

Garrett Z-Lynk 2-Pin AT Audio Cable PN: 1627410

> Needed for Z-Lynk use on Garrett AT detectors. Includes extra mounting band for use with an ATX.



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## You could win a FREE ACE Apex

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 fifteenth of each month, I will announce who I selected as my favorites from all the previous month's submissions," Vaughan explains.

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/



#### GARRETT METAL DETECTORS

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



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 200/i, ACE 250, ACE 200/i, ACE 350, ACE 400/i, ACE 40



See pg. 5 for additional Apex Top Find competition!

Vaughan Garrett's

# **FAVORITE FIND** OF THE MONTH

## Here are some of the recent winners!

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

