

# RADARGOLF

Things You Need to know! Operating Instructions





Thank you for purchasing the RadarGolf System. I believe that you will not only lower your score by using the RadarGolf System, but you will reach a whole new level of enjoyment when playing the game.

### Be sure to take a few minutes to watch the enclosed DVD.

There are several things you need to know in order to have the best experience when using our BPS<sup>TM</sup> technology. I am confident that if you watch the DVD and fully understand the System, you will never play another round of golf without it.

Find it. Play it.

Chris Savarese Founder and President

## The System & Regulatory Information

- The System will find your ball under water.
- The Handheld will locate ALL RadarGolf balls within proximity when you are looking for your ball. Therefore, it is important that you place all of your extra balls in the ShieldIt<sup>™</sup> pouch that is provided.
- When searching for your ball, be sure to continually rotate your wrist as you are making a sweeping motion with your arm extended from your body. This will maximize the antenna power and provide for better success in locating your ball.

#### WARNING:

- Do not disassemble the Handheld
- Do not cut open the golf ball or put it in a microwave
- Dispose of batteries properly, following local regulations. Do not incinerate batteries.

# The User is cautioned that making changes or modifications not expressly approved by RadarGolf is against FCC regulations, and could void the User's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Assembled in the Philippines. Patents Pending.

This device complies FCC radiation exposure limits in section 1.1307 set forth for an uncontrolled environment, and users must follow specific operating instructions for satisfying RF exposure compliance. To comply with RF radiation exposure requirements in FCC's Rules, the RadarGolf Handheld must be operated so that there is a separation distance of at least 20 cm (8 in) between all persons and the antenna. Only handheld operation is allowed , with the antenna pointing away from the operator.

## Quick Start

- Place unused balls in the Shield>It<sup>™</sup> pouch so that the Handheld does not those balls with the one you are trying to locate. Use the small ShieldIt pouch if you intend to carry a ball with you in your pocket as you search.
- Go to the general vicinity where you think you think your ball is located.
- Point the Handheld to the ground and turn it ON.
- You will hear one beep as it powers up, and then you will hear either one or three beeps after that.
  - One beep means that the Handheld is clear and ready to proceed.
  - Three beeps means that the Handheld is detecting a radio signal already. The signal strength will be shown on the LCD.

→ If the signal strength is strong after the power up and three beeps, check yourself or those near you to make sure that you do not have an exposed RadarGolf ball that the Handheld may be detecting. If that is the case, hide that ball in the Shield>It pouch and then turn the Handheld OFF. Point the Handheld to the ground and turn it ON again.

→ If the signal strength is weak after the power up and three beeps, then that means the Handheld is detecting a signal but the signal is not that close. This may indicate that it is detecting your lost ball. Proceed to find your ball.

- After you have turned ON the unit, raise your arm shoulder high and parallel to the ground, and use a sweeping motion to scan the area. As you sweep back and forth in the direction you believe the ball to be, rotate your wrist at the same time so the antenna power is maximized.
- Once you get a signal, walk in that direction so you get a stronger signal as you walk.
- When the LCD has ALL bars filled, you are right at your ball and you should be able to point the handheld to the ground and be just several feet from your ball.

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The RadarGolf System uses BPS<sup>™</sup> technology to locate your ball. Central to this technology is a microchip that is embedded in the core of the ball during the manufacturing process. The microchip in the ball receives a radio frequency signal from the Handheld and sends it back.

The ball performance is not affected in any way by the microchip being placed in the core. But, it is important that you understand a few key instructions that are critical to having a quality experience. Please read the following pages and watch the instructional DVD.

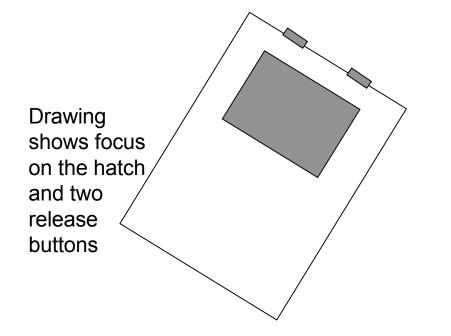
## **Contents of the Package**

In the box you purchased, you should have the following:

- One handheld
- One Handheld protective case
- One dozen golf balls
- Two Shield>It pouches (one small and one large)
- Instructional DVD
- Six AAA batteries

## Installing and Replacing the Batteries

- The battery hatch is located underneath the handle
- Push in the two buttons on the side of the Handheld to release the two battery hatch latches
- Pry open the hatch door and load the six AAA batteries
- replace hatch door and press the door near the two latches so that the hatch door closes.

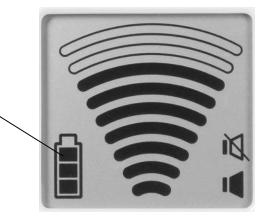


Drawing shows the battery hatch door half open

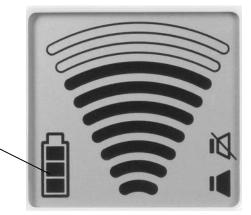
## Installing and Replacing the Batteries

- The LCD will display an image of a battery in three segments
- When all three parts of the battery image are filled, then the batteries are at full power.
- As the batteries lose power, a segment of the battery icon will lose it's color.
- It is time to change the batteries when the icon blinks

Drawing showing battery icon with all segments filled



Drawing showing battery icon with two segments filled



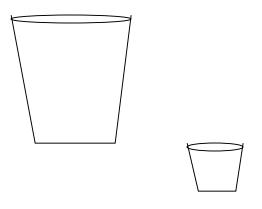
## System Overview – What you Need

The system includes three important components Shield>it Pouch Handheld Ball

### Shield>it Pouch

The Handheld will locate ANY RadarGolf ball that is in within detection range. The Shield>It pouch is provided so you can store your unused RadarGolf balls in a place that will contain the Radio Frequency waves. Shield>It pouches are made with a special metallic fabric that will hold in the RF signals and allow the Handheld to find only your lost ball when you are searching.

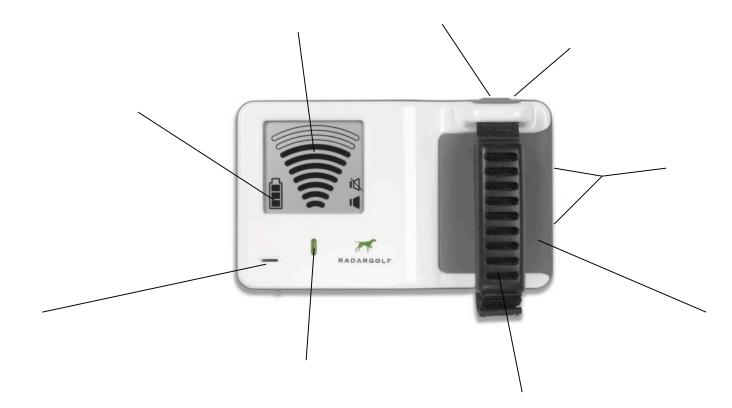
Be sure to use the large pouch in your golf bag to store up to a dozen balls and use the small pouch if you want to carry a ball in your pocket. Drawing of large pouch



Drawing of small pouch

## Handheld

# Drawing of HH pointing out the features



## Ball

The RadarGolf ball is designed to provide the best combination of distance and feel.



Use cutout image  $\underline{OR}$  full ball image with text to describe the features/benefits



## **Turning the Handheld ON and OFF**

(Remember, prior to using the system, place your unused RadarGolf balls in the Shield>It pouch)

- Approach the general vicinity where you believe your ball to be.
- The detection range is 30 100 feet
- slide the fingers of your right hand through the handle and hold it with the LCD facing you.
- Point the Handheld toward the ground and press the ON button. You do not need to continue pressing the ON button as it will stay ON for five minutes (the allowable time to search for a ball.)
- When you turn ON the Handheld, you will hear a beep that signals the system is powering up, then you will hear either one beep indicating a "clean" start, or you will hear three consecutive beeps which indicates an "in progress" start.

The two types of starts are explained on the following page, and understanding this concept is critical to a quality find.

## "Clean" vs. an "In Progress" start

### "Clean" Start

• After the initial beep when you turn on the unit, you will hear one more beep and that indicates a "clean" start. This means that the Handheld does not detect any RF signals when checking the immediate area during a power up. You are now ready to search for your ball.

## "In Progress" Start

• If you hear three consecutive beeps after the initial beep when the Handheld powers up, then you have an "in progress" start. This means that the handheld has detected an RF signal when it checks the immediate area during a power up.

• The signal strength it is detecting will be shown on the LCD.

• If the signal strength is strong after the power up and three beeps, check yourself or those near you to make sure that you do not have an exposed RadarGolf ball that the Handheld may be detecting. If that is the case, hide that ball in the Shield>It pouch and then turn the Handheld OFF. Point the Handheld to the ground and turn it ON again for a "clean" start.

## "Clean" vs. "In Progress" start (continued)

## "In Progress" Start (continued)

• If the signal strength is weak after the power up and three beeps, then the Handheld is detecting a signal but the signal is not that close. This may indicate that it is detecting your lost ball. You may do one of two things:

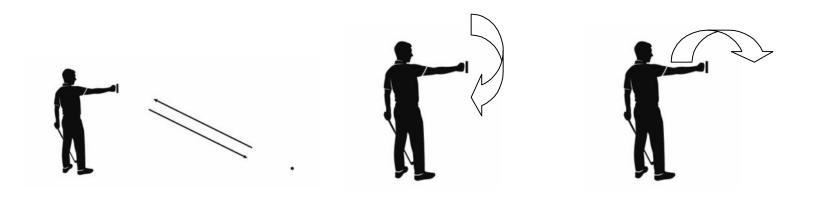
**1)** Proceed to find your ball based on this "in progress" start. The handheld has set itself so it will only look for signals that are stronger than what it already detected during the power up. You should still be able to find your ball as you get closer to it.

**2)** Look for any other devices (such as a cell phone or something in the golf cart) that may be causing the Handheld to start "in progress." If you think there is a device other than your ball causing the "in progress" start, try to shield it and then turn the Handheld OFF and ON again to see if you can get a "clean" start.

## **Searching For Your Ball**

- You have now powered up and you are in either "clean" or "in progress" start mode
- Hold the Handheld out in front of you shoulder high, arm parallel to the ground. (image)
- Sweep your arm left and right horizontally, back and forth in the direction you believe your ball to be (image)

• While you make a sweeping motion, also rotate your wrist so the Handheld is making continual quarter turns. This wrist rotating motion will allow the antenna maximum power. (image)



## **Detecting the Ball**

• When the Handheld detects a signal, you will hear a beeping sound and you will also see bars start to fill on the LCD.

- Continue to sweep the area until you begin to receive a stronger signal.
- Move in the direction that the stronger signal is coming from.
- As the audio tone gets louder and the LCD fills in more bars, continue to sweep with your arm and rotate your wrist, moving in the direction of the signal.
- As all of the bars are close to being filled, you can begin to hone in on your ball by pointing the Handheld toward the ground. You can do this when you only have a couple bars left to fill on the LCD.
- You should have ALL BARS FILLED on the LCD by the time you get to your ball. At that time you are only a few feet from your ball.

## Conformance with the USGA Rules of Golf

The USGA allows the use of the RadarGolf System for posting USGA (GHIN) handicaps.

The RadarGolf ball is listed on the USGA conforming list of golf balls.

Note: The use of the RadarGolf System is not allowed for USGA sanctioned tournament play.



## Care for the Handheld

- Keep the Handheld in its protective case when not in use
- Do not use liquid cleaners or aerosol cleaners
- Do not get the Handheld wet. Wipe with a soft, dry towel if the Handheld gets wet
- Do not expose the Handheld to large amounts of sand or dust
- Do not expose the LCD screen to direct sunlight for extended periods of time
- Do not press hard on the LCD screen

## **Specifications**

General	
	System frequency: x.xx MHz Range of detection: 30 – 100 feet
	Battery life: 5.0 hours running time (???)
Handheld	
	Dimensions: z.zzH x z.zzL x z.zzW. (???) Weight: yy.y ounces (without batteries) (???)
Ball	
	Dimensions: 1.683" Weight: 45.25 grams

## **Contact information**

Email:www.radargolf.comAddress:2819 Crow Canyon Road, Suite 103<br/>San Ramon, CA 94583 USAPhone:925-314-1861

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The dog is a trademark of RadarGolf, Inc.
Find it. Play it. is a trademark of RadarGolf, Inc.
BPS and Ball Positioning System are trademarks of RadarGolf, Inc.

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Radar Golf Inc. 2819 Crow Canyon Road, Suite 103 San Ramon, CA 94583 USA

#### Handheld and RadarGolf Balls Limited Warranty Limited Warranty Coverage

If your product does not work properly because of a defect in materials or workmanship, RadarGolf Inc. (referred to as "the warrantor") will, for the length of the period indicated below, which starts with the date of original purchase ("warranty period"), at it's option either (a) repair your product with new or refurbished parts, or (b) replace it with a new or refurbished product. The decision to repair of replace will be made by the warrantor.

Parts – Six (6) Months

Labor – Six (6) Months

During the "Labor" warranty period there will be no charge for labor. During the "Parts" warranty period there will be no charge for parts. You must mail in your product during the warranty period. This Limited Warranty excludes both parts and labor for batteries. This warranty is extended only to the original purchaser of a new product that was not sold "as is".

> Mail-in Service For assistance in obtaining repairs please mail the product to: RadarGolf, Inc. Customer Service Center 2819 Crow Canyon Road, Suite 103 San Ramon, CA 94583 USA

When shipping the unit, carefully pack and send it prepaid, adequately insured and preferably in the original carton. Include a letter detailing the problem and provide a daytime phone number (required) and email address (optional) where you can be reached.
 IF REPAIR IS NEEDED DURING THE WARRANTY PERIOD THE PURCHASER WILL BE REQUIRED TO FURNISH A SALES RECEIPT/PROOF OF PURCHASE INDICATING DATE OF PURCHASE, AMOUNT PAID AND PLACE OF PURCHASE. CUSTOMER WILL BE CHARGED FOR THE REPAIR OF ANY UNIT RECEIVED WITHOUT SUCH PROOFOF PURCHASE.

#### Limited Warranty Limits and Exclusions

This warranty ONLY COVERS failures due to defects in materials or workmanship, and DOES NOT COVER normal wear and tear or cosmetic damage. The warranty ALSO DOES NOT COVER damages which occurred in shipment, or failures which result from accidents, misuse, abuse, neglect, mishandling, misapplication, alteration, improper maintenance, introduction of sand, humidity or liquids, or service by anyone other than a Factory Servicenter or other Authorized Servicer, or damage that is attributable to acts of God.

## Other information

#### Warranty

RadarGolf, Inc. "RadarGolf", warrants that the RadarGolf Ball Positioning System (BPS) <sup>™</sup> is free of defects in material and workmanship for a period of six (6) months from the date of original purchase for the normal use intended.

In the event of a defect during the warranty period, RadarGolf will, at its option, repair or replace the product at no charge to Purchaser for parts or labor. To obtain warranty service for the RadarGolf Handheld <sup>™</sup> or the RadarGolf Ball <sup>™</sup>, Purchaser must contact RadarGolf customer support at <u>customersupport@radargolf.com</u> or 925-xxx-1234 for a return authorization code, and return the unit shipping postpaid, with proof of the date of original purchase and Purchaser return address, to: Warranty Returns, RadarGolf, Inc., 2819 Crow Canyon Road, Suite 103, San Ramon, CA 94583. Shipping labels must contain the return authorization code. ANY shipments sent for warranty service WITHOUT the appropriate return authorization code will be refused and returned to Purchaser. Radar Golf will not be responsible for any loss or damage to the product incurred while the product is in transit from Purchaser for repairs. Purchaser should as a precaution purchase adequate insurance for the unit while it is in transit.

RadarGolf's only obligation under this warranty shall be, at RadarGolf's sole discretion, to repair or replace the product or part with a comparable product or part, or if neither repair nor replacement is reasonably available, RadarGolf may refund to Purchaser the purchase price paid for the product or part. Replacement products or parts may be new or reconditioned. Parts removed by the RadarGolf shall become the sole property of RadarGolf.

The above warranty does not cover installation, defects from installation, finishes or batteries, damage by accident, shipping, abuse or misuse, negligence, tampering, improper use or storage, attempted servicing by anyone other than an authorized service representative of RadarGolf, or modifications or restrictions that may need to be made by the United States government, or any other governing bodies.

To the extent permitted by applicable law, all other warranties, express or implied, including but not limited to the implied warranties of merchantability, fitness for a particular purpose, non-infringement, performance and the completeness or accuracy of the data derived from using this product, are hereby disclaimed by RadarGolf, Inc.