

Bushnell®

GOLF

PHANTOM

GPS RANGEFINDER



User Manual

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Care and Maintenance

To help ensure reliable operation, the following care and maintenance guidelines are recommended :

- Avoid exposing the unit to extreme environmental conditions for a prolonged period of time. The unit is IPX4 rated and resistant against water splashes from any direction, but is not fully waterproof and should not be submerged in water at any depth, or exposed to heavy rain or other strong streams of water.
- Avoid severe impacts on the unit.
- You may clean the unit occasionally with a soft, damp cloth.
- DO NOT expose the unit to strong chemicals such as gasoline and alcohol, as they will damage the unit.
- Store the unit in a dry place when it is not in use.

WARNING

Do not attempt to open the Phantom.

Risk of explosion if battery is replaced with incorrect type.

- Do not attempt to open, disassemble or service the internal battery. The battery must be replaced by a qualified technician.
- Do not crush, puncture or short the battery's external contacts. Do not expose to temperatures above 140° F (60° C).
- Properly recycle or dispose of the battery. Do not dispose in fire or water.

Legal Disclaimer

By using this product, you agree that Bushnell Outdoor Products will not be held legally responsible for any injury or damage to you or any person or property caused by the user's improper operation and/or poor judgment while using this product.

Note: See *Limited Warranty for other limitations to our liability.*

Additional Information

The Global Positioning System (GPS), a network of 32 satellites orbiting Earth, is operated and maintained by the U.S. government. This GPS device requires at least 3 satellites to be acquired to accurately determine your position. Any change made to the system by the government could affect the accuracy and performance of this product.

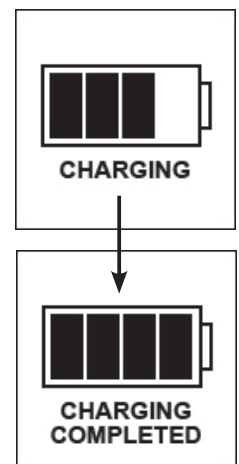
Bushnell Golf GPS Website

www.bushnellgolf.com is the best online resource for all our Golf GPS product owners, including product support, FAQs, etc. It also serves as a portal to access iGolf.com GPS course files to use with these Bushnell products. Registering your Phantom via www.bushnell.igolf.com is not required, but will ensure you have access to the latest updated GPS course data.

CHARGING THE BATTERY

The rechargeable battery of the Phantom is long lasting and provides up to 10 hrs (2 rounds of golf typically) on a charge. However, battery life may be reduced due to a variety of factors (external temperature, etc). All rechargeable batteries lose their effective charge length over time. **At the end of your round, be sure to completely power off your Phantom by pressing and holding the **PWR** button until the display goes off.**

To check your remaining battery life, select "Battery" from the **PLAY GOLF** menu (pg. 8), or from the **SETTINGS** menu (pg. 9). To recharge the battery, attach the smaller plug on the included USB cable to the port at the bottom side of the unit and connect the large (standard) USB plug to your computer. The Phantom and USB cable are compatible with all USB ports, including iPhone/other smartphone USB chargers. Once connected, press the **PWR** button-the display will read "**CHARGING**". When the Phantom is fully charged (about 4 hrs from totally discharged state, less if partial charge remains) and ready to use, "**CHARGING COMPLETED**" will be displayed (press **PWR** to check charge status if not displayed).



Buttons and Functions



Rear View

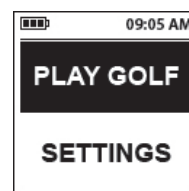


1. **SHOT Button**: Press at starting point, walk to ball position to find length of shot (shot distance).
2. **MENU Button**: View Menu options/items.
3. **UP (▲) Button**: Scrolls up through Menu.
4. **SELECT (►) Button**: Selects highlighted Menu item.
5. **DOWN (▼) Button**: Scrolls down through Menu.
6. **PWR Button**: Press & hold (1.5 sec.) to power on/off.
7. **USB Port**: Connect to PC or smartphone charger with supplied cable to charge.

**Note: Backlight is activated with any button push. The backlight will remain lit for 10 seconds after last button push. Backlight is disabled in Play Golf Mode.*

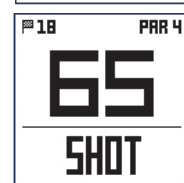
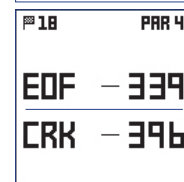
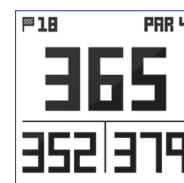
GETTING STARTED

1. First, be sure the battery has a full charge. If you are using it for the first time, it should be charged until full (see pg. 4). Next, make sure you are outdoors, in a location with a clear view of the sky overhead, to ensure good reception of GPS satellite signals. Now, you're ready to power up and use your Phantom.
2. Press and hold the **PWR** button on the top side of the unit until it powers on (start screen as shown on right). Press and hold again to turn off the power.
3. To turn on the backlight after the unit is powered on, briefly press and release the **PWR** button. The backlight will turn off automatically after about 10 seconds.
4. The display will show the Main Menu, with a choice of two operating modes: **PLAY GOLF** or **SETTINGS**.



USING THE PLAY GOLF MODE

1. Make sure you are outdoors, with an unobstructed view of the sky. Highlight **PLAY GOLF** and press the **SELECT** button. Display will show "**SEARCHING**" as the Phantom looks for multiple available GPS satellite signals and locks onto them. Once locked (note that this can take several minutes the first time you use the Phantom, but will be faster when used in the same general area in the future), you'll see a list of course names.
2. Use the **UP/DOWN** buttons to select (highlight) the course you want to play from the list of nearby courses (closest course at top of list), then press **SELECT**.
3. The display then shows: Current hole # (at upper left), Par for the hole (upper right), and distances to the center (large number at top center), front (lower left) and back (lower right) of green.
4. Press **SELECT** to view distances to up to 4 Hazard callouts per hole, variable depending on the most significant hazards located near a specific hole on the current course. Press the **SELECT** button to cycle between the primary distances screen (Center/Front/Back) and Hazards distances (up to 2 screens). See "**Hazard Glossary**" for a list of all abbreviations used to designate various hazards.
5. Press **UP** or **DOWN** buttons to manually advance to the next hole (useful for "shotgun" starts), or go back to the previous hole.
6. Press the **SHOT** button while at the tee (this is your start "point A")-as you walk, the display will update to indicate distance from point A to your current location ("point B"). This is useful to measure the length of your shot. Press **SHOT** again to set a new starting point ("0").



USING THE GOLF MENU IN PLAY GOLF MODE

1. In **PLAY GOLF** Mode, press the **MENU** button to view the **GOLF MENU**.
2. Select item from menu using **UP/DOWN** buttons to highlight it, then press **SELECT** button.
3. If multiple options are available for a setting, use **UP/DOWN** to highlight your choice, then press select.
4. A solid (filled in) checkbox to the left of a setting indicates the current setting (to change it, highlight a different setting and press **SELECT**).
5. Press **MENU** button to return to previous menu screen.

GOLF MENU ITEMS

- **RESUME**: from any screen, returns display to showing current hole and distances based on your current position on the course.
- **BATTERY***: press **SELECT** button to see battery condition (charge %). (*also provided in the **SETTINGS Menu**)
- **SET UNITS***: press **SELECT**. Solid checkbox indicates current setting (default=**YARDS**). To change how distances are displayed, highlight **YARDS** or **METERS**, press **SELECT**. (*also provided in the **SETTINGS Menu**).
- **CHANGE COURSE**: select another golf course from list of nearby courses.
- **EXIT ROUND**: stops tracking course, ends current game.

USING THE SETTINGS MODE

1. Highlight **SETTINGS** (if you are in **PLAY GOLF** mode, press **MENU** and select **EXIT ROUND** to go to the main menu) and press **SELECT**.
2. Select item from menu using **UP/DOWN** buttons to highlight it, then press **SELECT** button.
3. If multiple options are available for a setting, use **UP/DOWN** to highlight your choice, then press **SELECT**.
4. A solid checkbox to the left of a setting indicates the current setting (to change it, highlight a different setting and press **SELECT**).
5. Press **MENU** button to return to previous menu screen.

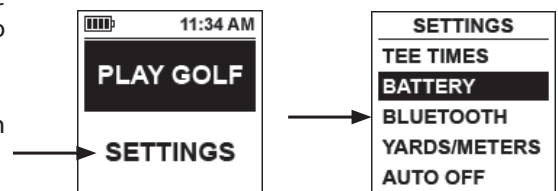
SETTINGS MENU ITEMS

- **TEE TIMES**: Tee Time is a convenience feature that allows you to set up a tee time (golf date) in advance. To set a Tee Time, select **TEE TIMES** from the **SETTINGS** Menu (with **TEE TIMES** highlighted, press the **SELECT** button). From the **ADD TEE TIME** screen, press the **SELECT** button, then use the **UP/DOWN** buttons set the desired hour. Press **SELECT** and repeat the same process to set minute, AM/PM, month, date and year. After pressing **SELECT** for the last time, you'll be back on the **TEE TIMES** screen, and see that your Tee Time has been entered into the unit's memory. To edit or delete a Tee Time, press **DOWN** to highlight it, then press **SELECT**. You'll see the date and time you previously set when adding a new Tee Time. Press **SELECT**. You can then choose to **EDIT** or **DELETE** the Tee Time.

When a Tee Time is set, the Phantom will automatically enter Play Golf mode and search for local courses 7 minutes prior to the set time. Simply select your course from the list, and enjoy your round of golf!

- **BATTERY***: press **SELECT** button to check battery condition (charge %). (*also provided in the **PLAY GOLF Menu**)
- **BLUETOOTH**: The Phantom can connect to the **BUSHNELL GOLF** smartphone app via Bluetooth. Once connected the app can be used configure the Phantom (select menu options) and wirelessly update the Phantom's internal golf course database. Tee Times may also be set via the app. The **BUSHNELL GOLF** app can be obtained from the Apple Store and Google Play store for iPhone and Android devices, respectively. Download and install the app on your mobile device. Go to the mobile devices' settings page to turn on Bluetooth, then launch the **BUSHNELL GOLF** app. To connect your Phantom to the smartphone app follow the steps below:

1. On your smartphone, make sure you have Bluetooth turned on.
2. On your Phantom, go to the "Main Menu", enter the **SETTINGS** menu, then scroll down to **BLUETOOTH** and press **SELECT**.
3. Select **"ON"** to turn Bluetooth on.
4. Your Phantom will then give you a code. Enter that code into the smartphone app when requested.
5. Once paired correctly, your smartphone app will display a confirmation. The device is now paired with your smartphone.



- **SET UNITS***: press **SELECT**. The solid (filled in) checkbox indicates the current setting (default=**YARDS**). To change how distances are displayed, highlight **YARDS** or **METERS**, press **SELECT**. (*also provided in the **PLAY GOLF Menu**)
- **AUTO OFF**: press **SELECT**. Solid checkbox indicates current setting. Use **UP/DOWN** buttons and press **SELECT** to change the setting. **DISABLED** (default setting)=unit will stay powered on until user manually powers off by holding **PWR** button. **1.5 HOUR to 9 HOUR**=unit will automatically power off after the selected time period if no buttons have been pressed (or if unit has not auto advanced to next hole as you walk the course). **NOTE: selecting an auto off time such as "8 HOUR" can help avoid running down the battery charge if you forget to power off after a round-but there is the possibility of losing GPS satellite contact, along with all data generated since your start of play if you select a time shorter than it takes to play your round.**
- **TIME/DATE**: press **SELECT** then highlight and select from these three time/date related settings:
 - 1) **SET TIME**: press **SELECT** and highlight a method:
 - **BY GPS**: press **SELECT** to automatically set the time based on your current GPS location.
 - **MANUALLY**: use the **UP/DOWN** buttons to enter the correct current time and date yourself.

2) **DAYLIGHT**: press **SELECT** and highlight current daylight savings time status for your location:

- **DST ON +1**
- **DST OFF -1**

3) **FORMAT**: press **SELECT** and highlight your preference for time display format:

- **12 HOUR**
- **24 HOUR**

- **LANGUAGE**: The Phantom features 5 menu language settings (**ENGLISH, SPANISH, GERMAN, FRENCH, ITALIAN**). By default, the user interface is in English. Press **SELECT**, use **UP/DOWN** to scroll between options on the Language menu, then press the **SELECT** button to confirm and set all menus to your preferred (highlighted) language.
- **CONTRAST**: press **SELECT** then use **UP/DOWN** to select the display contrast level for best viewing quality, from 1 (lowest) to 10 (highest). Lower contrast can improve screen viewing in bright sun, as can higher contrast settings on cloudy days.
- **ABOUT**: press **SELECT** to display your unit's firmware version, FCC ID and IC#.
- **RESET DEVICE**: to restore the unit to all of its original settings, press **SELECT**, then select **DEFAULT SETTINGS** and confirm you want to do this. The other two options under **RESET DEVICE** (**CHECK UPDATE** and **REFORMAT**) should only be used by qualified service technicians.

ACCESSING UPDATED GOLF COURSE DATA

Your Phantom is pre-loaded with data for over 33,000 courses located worldwide. It is ready to use right out of the box, with no need to download software or pay any membership fees.

But you might be thinking, "What if a new course opens sometime after my unit was made? Is there a way to update the database in my unit to add it?" The answer is yes, and it's simple to do.

Go to www.bushnellgolf.com and view the product page for any of the different color versions of the Phantom. You'll find three orange links you can click:

- **How to Update Your Golf GPS with the Latest Maps**

Click this link for step-by-step directions for finding and downloading new course data from iGolf.com

- **Request Course Update**

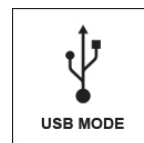
Click this link to go to a form you can fill out and email to iGolf to submit a course that is not included in the database, or if you find information (data for a hole) that is not mapped correctly on an existing course.

- **Search for Available Courses on Your Bushnell Golf GPS**

Click this link to search the current iGolf database to verify a course you are interested in is included.

You can also go to: <https://igolf.com> and click "Join Now", fill in your contact info on the registration form then select "I Have A GPS Device" to access course updates.

Use the provided USB cable to connect your Phantom to your PC or Mac. Once connected, the screen will display "**USB MODE**".



MAGNETIC ACCESSORY w/ BITE TECHNOLOGY (Included)

The Phantom features a powerful **BITE** magnet incorporated into the rear center of its housing, which allows the device to be securely attached to a golf cart bar or attached to the included bag/belt clip. To use the **BITE** bag/belt clip, simply slide it onto your golf bag or belt (*round concave part facing out*), then place the convex **BITE** magnet on the back of the Phantom near the round concave area on the **BITE** clip (*below*).



BITE Clip for attaching Phantom to belt or golf bag





WARNING: Mounting accessory included with device contains a Neodymium magnet. Magnets could affect the functioning of pacemakers and implanted heart defibrillators. If you use these devices, keep sufficient distance from magnet. Warn other who wear these devices from getting too close to magnets.

- Unsafe handling could cause jamming of fingers or skin under magnet.
- Magnet may lose part of its adhesive force permanently if exposed to temperatures above 175° F (80° C).
- Magnets produce far-reaching, strong magnetic field. They could damage TVs and laptops, computer hard drives, credit and ATM cards, data storage media, mechanical watches, hearing aids and speakers. Keep unit away from devices and objects that could be damaged by strong magnetic fields.

HOW TO FIND THE PRODUCT ID / SERIAL NUMBER

The serial # (Product ID) of your Phantom can be found on the back of the unit. Write it down below for future reference. You will need it to register on the iGolf site so you can access newly added golf courses or update data for existing courses.

Product ID (serial #)



HAZARD GLOSSARY

Hazard designations are shown as abbreviations, defined as follows:

- BGB- Back Green Bunker
- BGW- Back Green Water
- CRK- Creek Layup
- CRKC- Creek Carry
- EOF- End of Fairway
- FGB- Front Green Bunker
- FGW- Front Green Water Layup
- FGWC- Front Green Water Carry
- LFB- Left Fairway Bunker
- LFW- Left Fairway Water Layup
- LFWC- Left Fairway Water Carry
- LGB- Left Green Bunker
- LGW- Left Green Water
- MFB- Middle Fairway Bunker
- MFW- Middle Fairway Water Layup
- MFWC- Middle Fairway Water Carry
- RFB- Right Fairway Bunker
- RFW- Right Fairway Water Layup
- RFWC- Right Fairway Water Carry
- RGB- Right Green Bunker
- RGW- Right Green Water

Industry Canada Statement

This device complies with ISSED's licence-exempt RSSs. 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.

Radiation Exposure Statement:

This device complies with the Industry Canada portable RF exposure limit set forth for an uncontrolled environment and is safe for the intended operation as described in this manual. Further RF exposure reduction can be achieved if the product can be kept as far as possible from the user's body or if the device is set to a lower output power if such function is available.

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iPhone and Apple Store are trademarks of Apple Inc., registered in the U.S. and other countries.
Other names may be trademarks of their respective owners.*

FCC ID: 2ABQG-36882
IC: 5830A-36882



ONE YEAR LIMITED WARRANTY

Your Bushnell® product is warranted to be free of defects in materials and workmanship for one year after the date of purchase. In the event of a defect under this warranty, we will, at our option, repair or replace the product, provided that you return the product postage prepaid. This warranty does not cover damages caused by misuse, improper handling, installation, or maintenance provided by someone other than a Bushnell Authorized Service Department.

Any return made under this warranty must be accompanied by the items listed below:

1. A check/money order in the amount of \$10.00 to cover the cost of postage and handling.
2. Name, address and daytime phone # for product return.
3. An explanation of the defect.
4. Copy of your dated proof of purchase.

Do not send in accessories (batteries, SD cards, cables), only the product for repair.

Product should be well packed in a sturdy outside shipping carton to prevent damage in transit, and shipped to the address listed below:

IN U.S.A. Send To:

Bushnell Outdoor Products
Attn.: Repairs
9200 Cody
Overland Park, Kansas 66214

IN CANADA Send To:

Bushnell Outdoor Products
Attn.: Repairs
140 Great Gulf Drive, Unit # B
Vaughan, Ontario L4K 5W1

For products purchased outside the United States or Canada please contact your local dealer for applicable warranty information. In Europe you may also contact Bushnell at:

Bushnell Germany GmbH
European Service Centre
Mathias-Brüggen-Str. 80
D-50827 Köln
GERMANY
Tél: +49 221 995568-0
Fax: +49 221 995568-20

This warranty gives you specific legal rights.
You may have other rights which vary from country to country.
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FCC Statement

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.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Shielded interface cable must be used with the equipment in order to comply with the limits for a digital device pursuant to Subpart B of Part 15 of FCC Rules. Specifications and designs are subject to change without any notice or obligation on the part of the manufacturer.

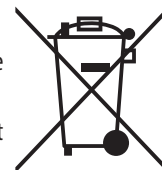
The device does not contain any user-serviceable parts. Repairs should only be made by an Authorized Bushnell repair center. Unauthorized repairs or modifications could result in permanent damage to the equipment, and will void your warranty and your authority to operate this device under Part 15 regulations.

Disposal of Electric and Electronic Equipment (Applicable in the EU and other European countries with separate collection systems)

This equipment contains electric and/or electronic parts and must therefore not be disposed of as normal household waste. Instead, it should be disposed at the respective collection points for recycling provided by the communities. For you, this is free of charge.

If the equipment contains exchangeable (rechargeable) batteries, these too must be removed before and, if necessary, in turn be disposed of according to the relevant regulations (see also the respective comments in this unit's instructions).

Further information about the subject is available at your community administration, your local waste collection company, or in the store where you purchased this equipment.





PHANTOM

GPS RANGEFINDER

Customer Service: (800) 423-3537
www.bushnellgolf.com

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