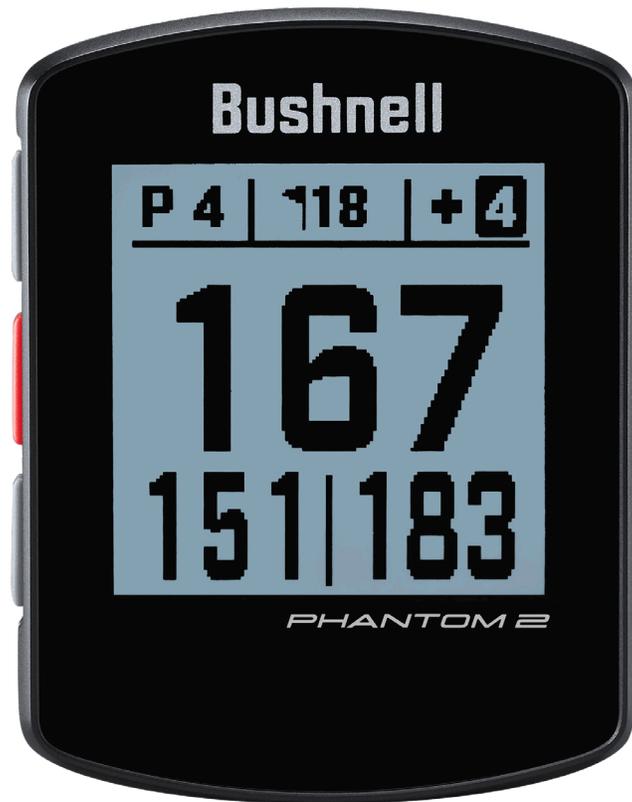


# Bushnell®

## GOLF

### PHANTOM 2

#### 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 IPX7 rated; it is water resistant, but not waterproof. Unit should not be submerged in any liquids.
- 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 2.

Unit contains a lithium ion battery.

- Do not attempt to open, disassemble or service the internal battery. The battery is not replaceable.
- Do not crush, puncture or short the battery's external contacts.
- Do not expose to temperatures above 140° F (60° C). Do not charge battery when temperature is over 113° F (45° C). Do not store unit in temperatures above 113° F (45° C) or below 32° F (0° 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.

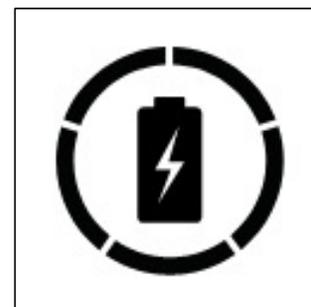
## Bushnell Golf Website

[www.bushnellgolf.com](http://www.bushnellgolf.com) is the best online resource for all Bushnell Golf product owners, including product support, FAQs, etc.

## CHARGING THE BATTERY

The rechargeable battery of the Phantom 2 is long lasting and provides up to 18+ hrs (3+ 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.

To check your remaining battery life, select "Battery" from the **SETTINGS** menu. To recharge the battery, attach the smaller plug on the included USB-C cable to the port at the bottom side of the unit and connect the large (standard) USB plug (*not included*) to your computer. The Phantom 2 and USB-C cable are compatible with all USB ports, including iPhone/other smartphone USB chargers. Once connected, press the **POWER** button-the display will show the battery icon charging. When the Phantom 2 is fully charged (*about 3.5 hrs from totally discharged state, less if partial charge remains*) and ready to use when a full circle is displayed around the battery icon (*press POWER to check charge status if not displayed*).



# Buttons and Functions



- POWER Button:** Press to turn on. In ON state, press for MENU. In ON state in PLAY GOLF mode, press for SCORE entry. Hold for Golf Menu.
- UP (▲) Button:** Scrolls up through Menu.
- SELECT (▶) Button:** Selects highlighted Menu item.
- DOWN (▼) Button:** Scrolls down through Menu.

## POWERING UP/HOME SCREEN

- Be sure the battery has a full charge before powering on.
- Press and **hold** the orange **POWER** button on the right side of the unit until Home Screen powers on. To turn off, press and hold the **POWER** button again to shut down.
- The display will show the Main Screen, with a choice of four operating modes: **MENU**, **SCORING**, **PLAY GOLF** and **BLUETOOTH**.

## HOME SCREEN DISPLAY

- Menu button
- Scorecard list button
  - Scorecard indication. Number will show the latest round played. When no rounds have been played, the default score will be "00".
- Play Golf button
- Bluetooth connection button
- Time
- Bluetooth status
- Battery icon



## THE SETTINGS MENU

- From the Home Screen, press (1) **SETTINGS** (if you are in **PLAY GOLF** mode, press **MENU** and select **EXIT ROUND** to go to the main menu) and press **SELECT**.
- Select item from menu using **UP/DOWN** buttons to highlight it, then press **SELECT** button.
- If multiple options are available for a setting, use **UP/DOWN** to highlight your choice, then press **SELECT**.
- Press **MENU** button to return to previous menu screen.

SETTINGS MENU	
Scorecard List	
Battery	
Time	
<b>Units</b>	
Background	
Language	
About	
Reset	

## SETTINGS MENU ITEMS

- **SCORECARD LIST:** press **SELECT** to open the Scorecard List. There will be a list of the ten most recent scorecards played. The Scorecard can also be accessed by the Home Screen and pressing the red **Select** button.

The diagram illustrates the scorecard interface. On the left, a list of scorecards for 'Tomahawk Hills' on 12/31/2020 is shown. Each entry includes a score (e.g., +40) and a status icon: a checkmark for 'synced with App.', a sync symbol for 'syncing with App.', and a plus sign for 'not synced with App.'. A label 'Name of course' points to the course name, and 'Score' points to the score. In the center, a detailed game summary for 'Tomahawk Hills' on 12/31/2020 is shown, including a total score of +40 and statistics for PUTTS (34), FAIRWAYS (50%), and GIR (50%). Below this is a hole data summary for holes 1 through 6, listing Par (P4), Strokes, Fairway Hit (FH), and Putts (P). On the right, three individual hole data cards are shown for hole 18, P4, displaying STROKES (4), PUTTS (2), and FAIRWAY HIT (L, R).

- **BATTERY\*:** press **SELECT** button to check battery condition (charge %). (\*also provided in the **PLAY GOLF Menu**)
- **TIME:** press **SELECT** then highlight and select from these time/date related settings:

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

- 12 HOUR
- 24 HOUR

2) **TIME ZONE:** press **SELECT** your time zone preference and time display format:

- US Eastern Time Zone = UTC - 5
- US Central Time Zone = UTC - 6
- US Mountain Time Zone = UTC - 7
- US Pacific Time Zone = UTC - 8

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

- DST ON +1
- DST OFF -1

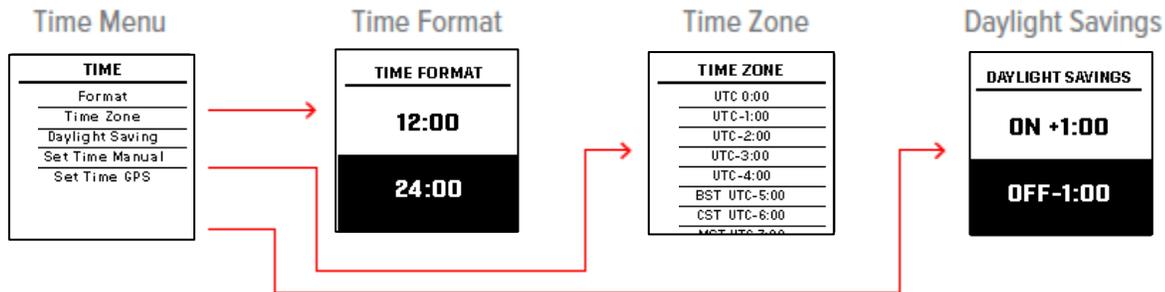
3) **SET TIME MANUAL:**

- Use the **UP/DOWN** buttons to enter the correct current time and date yourself. Choose 12 or 24 or format. If clock is in 12 hr. format AM/PM will need to be selected.

4) **SET TIME GPS:**

- Press **SELECT** to automatically set the time based on your current GPS location.

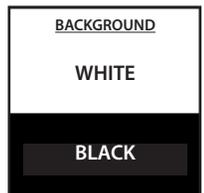
Time by  
GPS Search  
Animation



- **SET UNITS\*:** press **SELECT**. The solid (filled in) check box 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**)



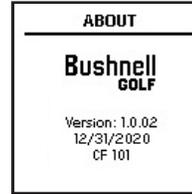
- **BACKGROUND:** press **SELECT** then use **UP/DOWN** to select the display white with black text (default) or black with white text.



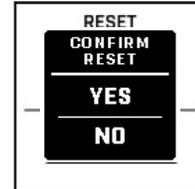
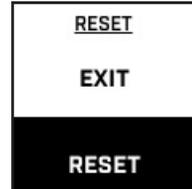
- **LANGUAGE:** The Phantom 2 features 12 menu language settings (**ENGLISH, SPANISH, FRENCH, GERMAN, ITALIAN, PORTUGUESE, SWEDISH, DANISH, INDONESIAN, CHINESE, KOREAN AND JAPANESE.**). By default, the user interface is in English. Press **SELECT**, use **UP/DOWN** to scroll between options on the Language menu, then press the **SELECT** button to confirm and set all menus to your preferred (highlighted) language.

LANGUAGE
English
Español
Français
Deutsch
Italiano
Português
Svenska
Dansk
Indonesia
中文
한국어
日本語

- **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 factory settings, press **SELECT**, then select **DEFAULT SETTINGS** and confirm you want to do this. This will only reset the settings, not the firmware or course data stored in the device.

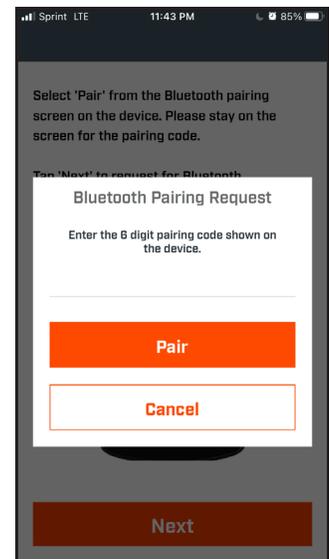
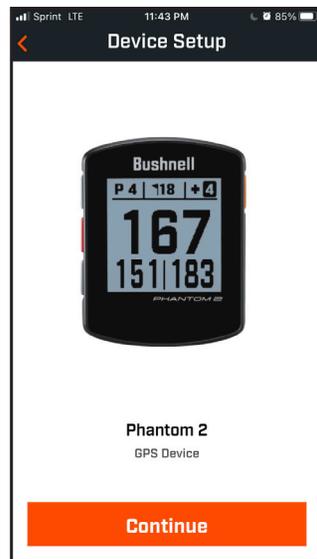
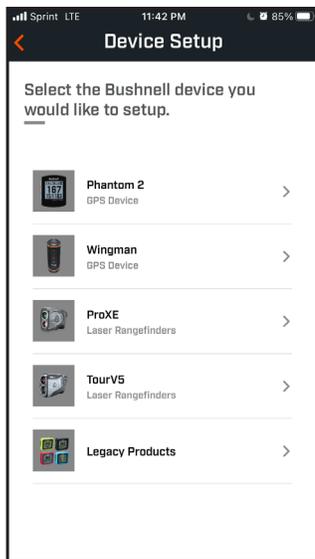


### CONNECTING YOUR PHANTOM 2 TO YOUR MOBILE DEVICE & BUSHNELL GOLF APP

To connect your Phantom 2 to your phone and the Bushnell Golf mobile app:

- Download the Bushnell Golf mobile app at [app.bushnellgolf.com/install](http://app.bushnellgolf.com/install) or scan the QR code below.
- If you are new to the app you will be asked to setup a device after registration, select Phantom 2.
  - if you are a returning user to the app, select “See All” from the “My Devices Section”, click “Add Device”, and select Phantom 2.
- Follow the on screen instructions in the app to pair and connect your Phantom 2 .

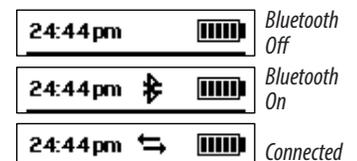
*Note: After paired, once powered up the Bluetooth on/off state will be the last set state.*



Scan the code to download the Bushnell Golf app and register your Phantom 2 Golf GPS.



[app.bushnellgolf.com/install](http://app.bushnellgolf.com/install)

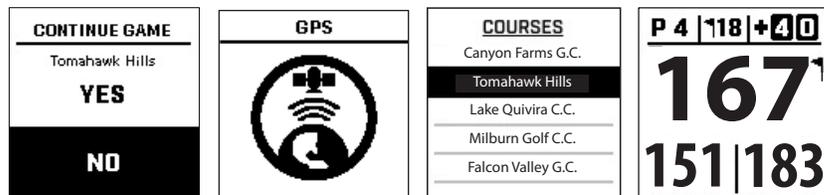


## USING THE PLAY GOLF MODE

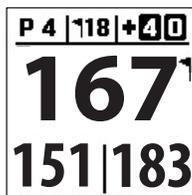
1. Make sure you are outdoors, with an unobstructed view of the sky. Highlight **PLAY GOLF** and press the **SELECT** button. Display will show "SEARCHING" as the Phantom 2 looks for multiple available GPS satellite signals and locks onto them. This can take several minutes the first time you use the Phantom 2, but will be faster when used in the same general area in the future.
2. You will be asked if you wish to continue a game that is active. Make your choice. If you are continuing a game, you will be sent to the Front Center Back (FCB) screen. If you select no, the device will connect to GPS and a list of nearest courses will appear.



Play Golf Screen



GPS Search Screen



When flag appears, indicates distance to the pin, not the center of the green.

3. 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**.
4. The display then shows Front/Center/Back Distance Screen: current hole # (Fig. 1), par for the hole (Fig. 2), game score (Fig. 3), distance to the center/pin (Fig. 4), distance to the front of the green (Fig. 5) and distance to the back of green (Fig. 6).

**To cycle through mode/menu screens (Front/Center/Back > GreenView > Hazards and Layup points > Time), press the Select button.**

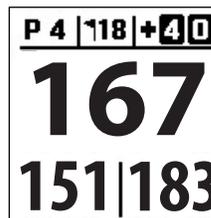
### Front/Center/Back Screen

The Front/Center/Back Distance screen, see diagram to right.

### Front/Center/Back Distance Screen

Hole Fig. 1

Par Fig. 2



Score Fig. 3

Distance to the center/pin Fig. 4

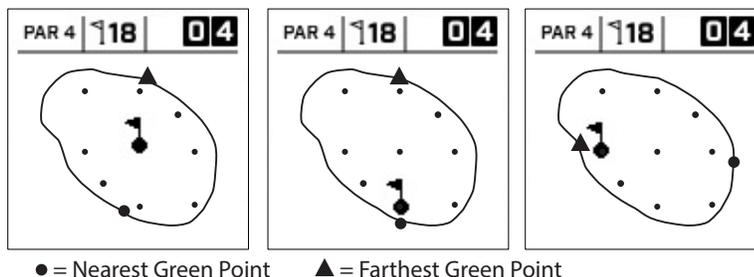
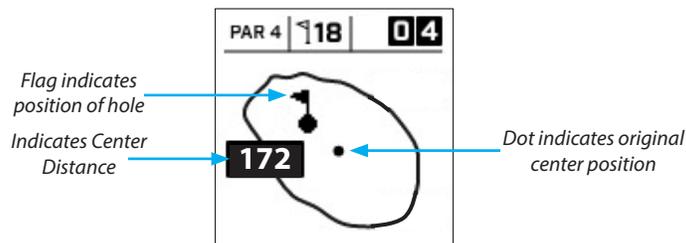
Distance to front of the green Fig. 5

Distance to back of the green Fig. 6

### GreenView

The Phantom 2's GreenView Screens will allow you to move the pin around on the green for a more accurate game. When in GreenView Mode, move the hole around to its current position on the green to get an accurate front, center and back distances. Do this by pressing the **UP/DOWN** buttons on the left side of the unit to move the hole's position. You will notice the Nearest and Farthest distances adjust with moving the hole. When done, press the **SELECT** button to save and move on to the next function.

If no information is entered while in GreenView within 60 seconds, the screen will revert back to Distance Screen.



### Hazard & Layup Points

Press **SELECT** to view Hazard callouts per hole, variable depending on the most significant hazards located near a specific hole on the current course. Hazard screen will time out after one minute and return to the FCB screen. (see above) If there are no Hazards, "No Obstacle Data" will be on screen. See "Hazard Glossary" on page 8 for a list of all abbreviations used to designate various hazards.

<b>P 4   118   +40</b>	
245	RGB
314	LGB
350	NFWC
438	RFB
453	WC
469	WL

## Time Screen

Hole value indicates you are in "Play Golf" mode.

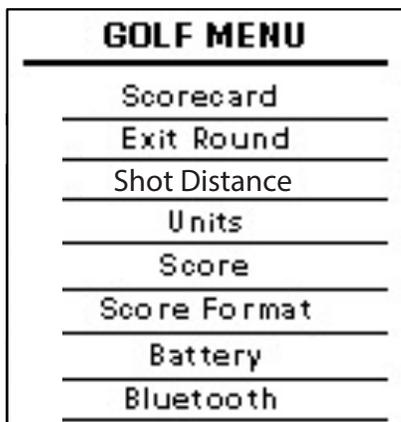


## Score Entry

To enter your score, press the **SCORE** button (button on right side of unit). Once strokes are entered, press the **NEXT** button (button in the center on the left side of the unit). Enter your number of putts on the next screen and press the **NEXT** button again to enter the Fairway Hit screen. Scroll the buttons to the choice of Left, Hit, or Right. Press the **NEXT** Button to save your score and move to the next hole. \*Note: to enter Putts and Fairways Hit, the device needs to be in Advanced Score mode.

## GOLF MENU

If you are in Play Golf mode and wish to go to the Golf Menu, press and hold the **SELECT** button (on the right) until the menu appears on the screen. Your game progress will be saved.



Scorecard View: select to go to Scorecard screen (Fig. 7)

Exit Round: select to end round and go to the Round Summary (Fig. 8)

Shot Distance: Measures your shot distance.

Units: Choose Yards or Meters

Score: Choose OFF, BASIC or ADVANCED

Score Format: Choose Strokes, Stableford, or Modified Standard format

Battery: Shows the current battery life on the Phantom 2

Bluetooth: Choose to enter into Bluetooth mode and Pair to your portable device to play with the Bushnell Golf App. (see Connecting to Bluetooth on page 6)

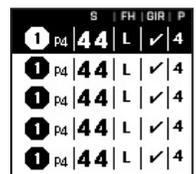


Fig. 7

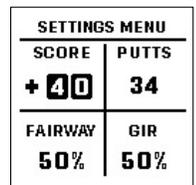


Fig. 8

## Hazard Glossary:

###L	To Layup point (i.e 75L= To 75yd Layup point, 100L = To 100 yard Layup point)	CRBk	Carry Right Bunker	RGBk	To Right Grass Bunker
###M	To Marker (i.e. 250M = To 250 Marker)	CRHz	Carry Right Hazard	RHzd	To Right Hazard
#Bnk	To # Bunker (i.e. T1Bk = To 1st Bunker)	Crst	To Crest	Road	To Road
#CBK	To # Center Bunker (i.e. 2CBk = To 2nd Center Bunker)	CRWt	Carry Right Water Hazard	RWst	To Right Waste Area
#Fwy	To # Fairway	CWst	Carry Waste Area	RWtr	To Right Water
#GBk	To # Grass Bunker	CWtr	Carry Water Hazard	ThFy	Through Fairway
#LBk	To # Left Bunker	Dtch	To Ditch	ThRF	Through Right Fairway
#RBK	To # Right Bunker	EFwy	To End of Fairway	Wter	To Water Hazard
#Wtr	To # Water Hazard	ELFy	To End of Left Fairway	WstA	To Waste Area
Bnkr	To Bunker	ELOf	To End of Lower Fairway	WstB	To Waste Bunker
C#Bk	Carry to # Bunker (i.e.C1BK = Carry 1st Bunker)	ERFy	To End of Right Fairway	WstE	Waste Area End
C#LB	Carry to # Left Bunker (i.e C2LB = Carry 2nd Left Bunker)	EWst	To End of Waste Area	CGrg	Carry Gorge
C#RB	Carry to # Right Bunker (i.e. C3RB = Carry 3rd Right Bunker)	GBnk	To Grass Bunker	RvrB	To River Bed
C#Wt	Carry # Water Hazard (i.e. C2Wt = Carry 2nd Water Hazard)	Gorg	To Gorge	Wall	To Wall
CBnk	To Center Bunker	Hzrd	To Hazard		
CCBK	Carry Center Bunker	LBnk	To Left Bunker		
CDch	To Center Ditch	LDth	To Left Ditch		
CFwy	To Center Fairway	LFwy	To Left Fairway		
Frwy	To Fairway	LGBk	To Left Grass Bunker		
CFyB	Carry Fairway Bunker	LndA	To Landing Area		
CHzd	Carry Hazard	LWst	To Left Waste Area		
CLBk	Carry Left Bunker	LWtr	To Left Water		
CLHz	Carry Left Hazard	Path	To Path		
Clif	To Cliff	PotB	To Pot Bunker		
CLWs	Carry Left Waste Area	RBnk	To Right Bunker		
CLWt	Carry Left Water Hazard	Rdge	To Ridge		
CPth	Carry Path	RDch	To Right Ditch		
		RFwy	To Right Fairway		

## MAGNETIC ACCESSORY w/ BITE TECHNOLOGY (Included)

The Phantom 2 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 2 near the round concave area on the BITE clip (below).



Belt Clip with Carabiner for attaching Phantom 2 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.

## ACCESSING UPDATED GOLF COURSE DATA

Your Phantom 2 is pre-loaded with data for over 38,000 courses located worldwide. It is ready to use right out of the box, with no need to download software or pay any membership fees.

To Update a single course file. Connect the Device to the Bushnell Golf Mobile App via Bluetooth. Select Phantom 2 from your device List. Select Course Update. Follow the instructions on the Bushnell Golf Mobile App to search for your course and update your device.

To Update multiple courses. Please visit the Bushnell Golf Update Manager at <https://appsupport.bushnellgolf.com> in Google Chrome and follow the instructions.

## ONE YEAR LIMITED WARRANTY

Your Bushnell® Phantom 2 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.

Go to <https://www.bushnellgolf.com/contact> and fill out the contact form for any questions or warranty information.

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.

**⚠ WARNING:** Bite feature 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 others who wear these devices from getting too close to magnets.

- Magnet may lose part of its adhesive force permanently if exposed to temperatures above 1750 F (800 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.

## Industry Canada Statement :

This device complies with ISED's license-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.

Le présent appareil est conforme aux CNR d'ISED applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

## Radiation Exposure Statement / Déclaration d'exposition aux radiations :

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.

Le produit est conforme aux limites d'exposition pour les appareils portables RF pour les Etats-Unis et le Canada établies pour un environnement non contrôlé.

Le produit est sûr pour un fonctionnement tel que décrit dans ce manuel. La réduction aux expositions RF peut être augmentée si l'appareil peut être conservé aussi loin que possible du corps de l'utilisateur ou que le dispositif est réglé sur la puissance de sortie la plus faible si une telle fonction est disponible.

Windows is a registered trademark of Microsoft Corporation in the United States and other countries.  
Mac and Mac OS are trademarks of Apple Inc., registered in the U.S. and other countries.  
Other names may be trademarks of their respective owners.

FCC ID: 2ASQI-36211  
IC: 24886-36211



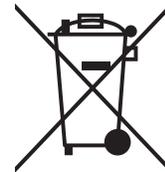
## Disposal of Electric and Electronic Equipment

*(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.



Customer Service: (800) 423-3537  
[www.bushnellgolf.com](http://www.bushnellgolf.com)

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