

BeaconTM T500

User Manual

Your companion for training and developing strategy

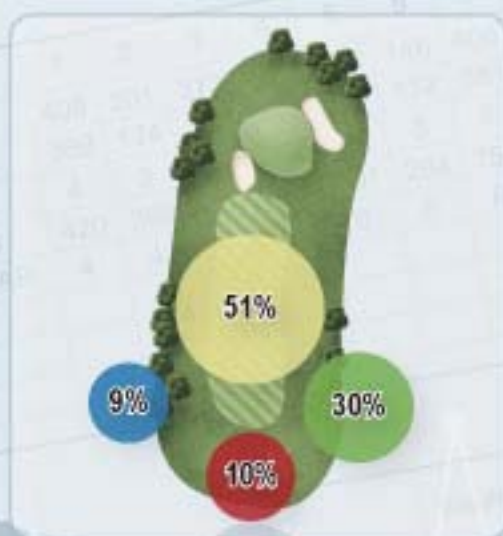


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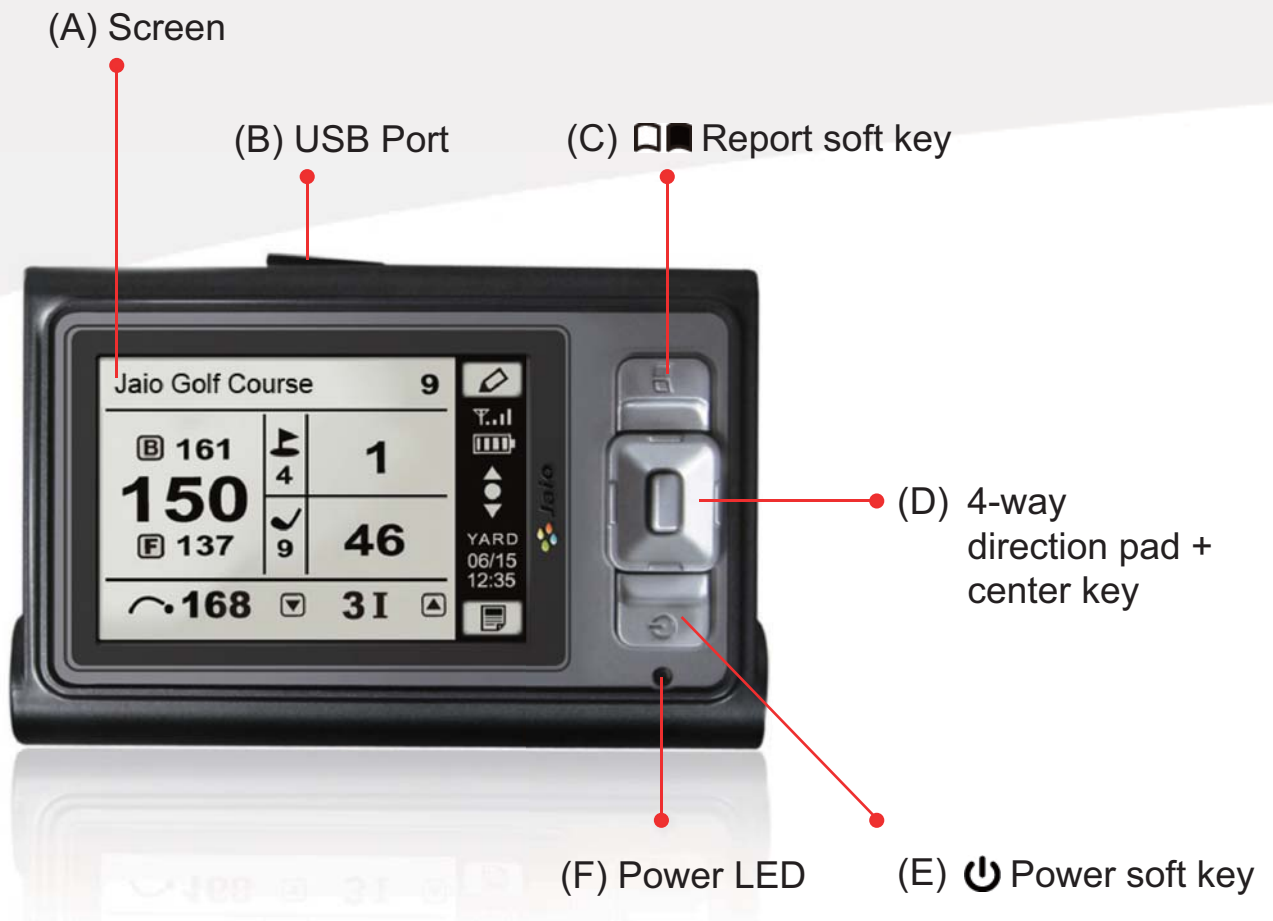
Chapter 1 Introducing Beacon

1-1 Features



Beacon requires two main buttons for gameplay. They can be easily swapped to suit your handedness.

Orientation	Button ■	Button ●
Right Side	End Hole	Record Stroke
Left Side	Record Stroke	End Hole



(A) Screen

Large 2.4" gray-scale LCD screen, viewable under bright conditions.

(B) USB Port

Connect directly to the computer to synchronize your device with the Beacon software application. Attach the cable to the AC adapter to charge the device.

(C) Report soft Key

Functions like a soft-key. Also used to view your scorecard.

(D) 4-way directional pad + center key

Functions like the four arrow keys on a keyboard. This allows you to move through the menu icons/items by scrolling up, down, left and right. The center key functions like the enter/return key on a keyboard.

(E) Power soft Key

Hold to power on/off the device. Also functions as a secondary soft-key.

(F) Power LED

Lights up to indicate battery/charge status. Blinks red to signal low battery.

1-2 Using the Belt Clip

Step 1

Carefully snap the Belt Clip onto the side of your belt, make sure it's tight and secured.

Step 2

Slide Beacon into the Belt Clip.

Step 3

The Belt Clip is specially engineered to flip upward for viewing Beacon without detaching it.



Chapter 2 Getting Started

2-1 Charging/Recharging Battery

Before using Beacon for the first time, charge the device using the supplied AC Adaptor. The battery life on a full charge lasts ~10 hours.

Charging Beacon :

1. Connect the supplied USB cable to the AC Adaptor and the Beacon mini-USB port. Plug the adaptor into a wall socket to begin charging.



Note: Before first use, Beacon must be charged for 10 hrs, subsequent uses require 2 hrs per charge. On a full charge, Beacon battery life lasts 10 hrs.

2. You can also charge the device by connecting it to the computer USB port



Connect the supplied USB cable to the AC Adaptor and the Beacon mini-USB port. Plug the adaptor into a wall socket to begin charging.

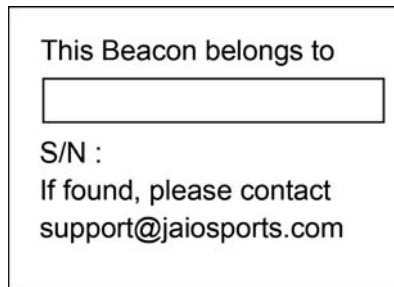
Note: This is a handy method when traveling, as the charge time with the AC Adaptor is the same. Please remember to keep your computer powered on.

Note: The power LED will light yellow to show that the device is charging. Charging is complete once the light turns off or dimmed.



2-2 Using the Beacon software application

You must register and activate your Beacon first with the software. You must do this in order to take advantage of all required and available features. Please follow the installation and registration guidelines included in the packaging and download the necessary files from our website, www.jaiosports.com, under the Support section.

2-3 Welcome/Menu Screens



• Starting up

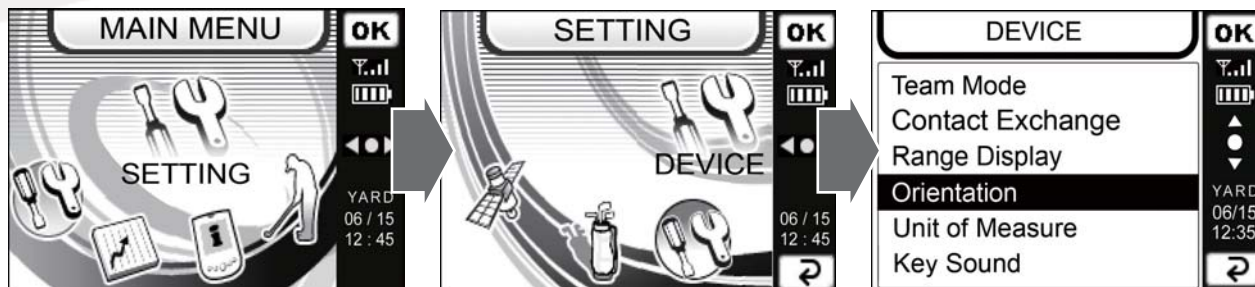
1. Press and hold  to power on Beacon. You will see the loading screens above.
2. Check to see that your device registration is correct.
3. Press any key to advance to the Main Menu. Navigate through the menu with the left and right key on the directional pad and press OK ( softkey) to make a selection.

• Power Off

Press and hold  for 3 seconds at any time to power off.

2-4 Configuring your device orientation

Depending on your handedness you can set the orientation to suit your swing. The settings can be found by navigating through **[Settings] > [Device] > [Orientation]**.



Right Side

End Hole

Record Stroke



Left Side

Record Stroke

End Hole

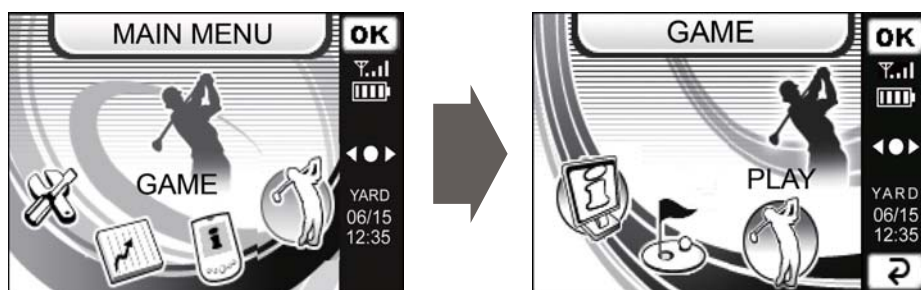




Chapter 3 Lets Play

3-1 Basic gameplay operation

Start a New Game with the following steps :

1. From the Main Menu, select **[Game]**.
2. Select **[Play]** to begin.

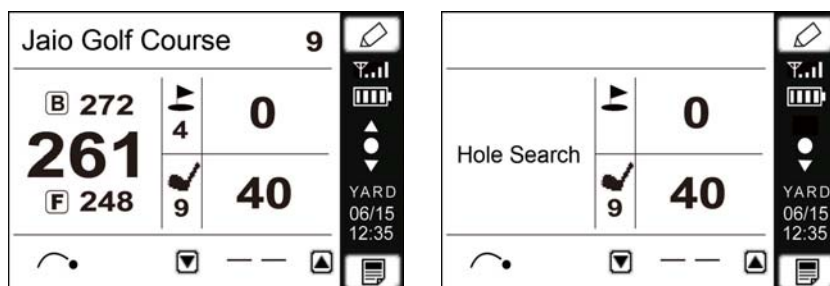


Beacon will attempt to lock a solid GPS signal before play can commence. The strength can be seen with the  icon. Please be patient as the status screen may show for a few minutes. You may cancel by hitting the  button.



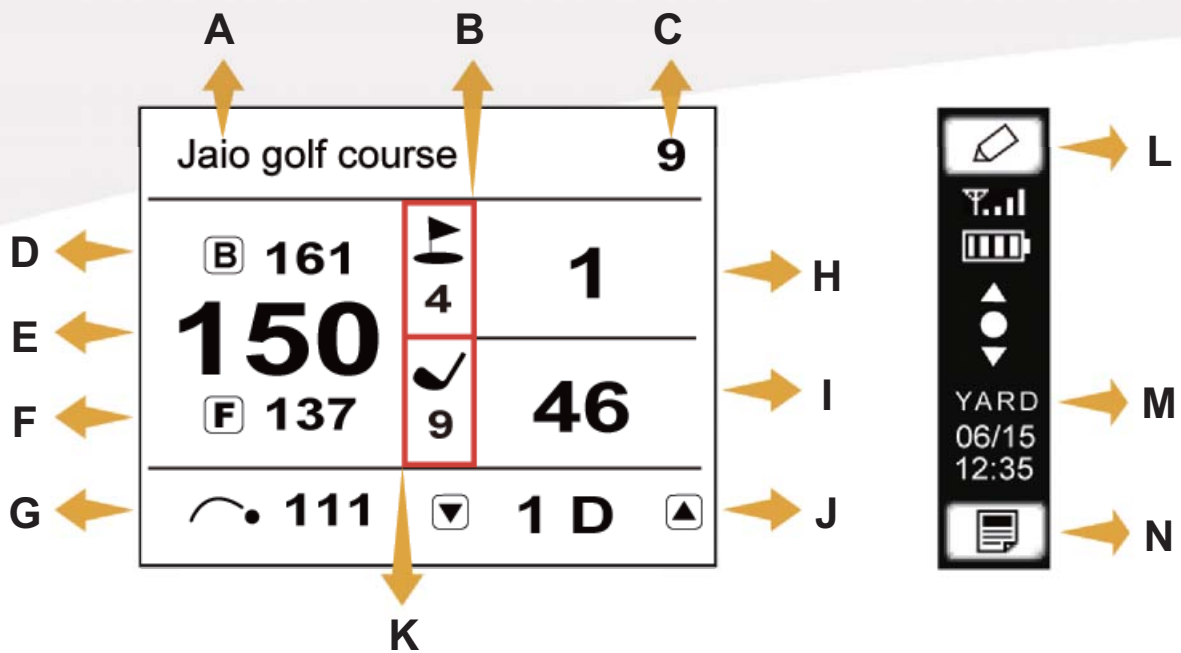
Note: If this is your first time using Beacon on the course, please be advised that a proper GPS signal lock and calibration can initially require as long as 10 minutes. To mitigate this wait time, we recommend powering on the device several minutes in advance of your tee time.

3. Once the Beacon GPS has acquired a stable signal, you should see the yardage information for the current hole. If not, Beacon will display **[Hole Search]**. It may be helpful to temporarily move to a more open area of the tee box (e.g. less guarded by tall trees).



Note: Please remember to download the course map; Otherwise, Beacon will switch to Scorecard mode and you will only be able to record your strokes and driving distances.

Game Screen :



A . Course Name

B . Par

C . Hole Number

D . Distance to back of Green

E . Distance to middle of Green

F . Distance to front of Green

G . Distance of last shot

H . Strokes for this hole

I . Total strokes

J . Club Selector

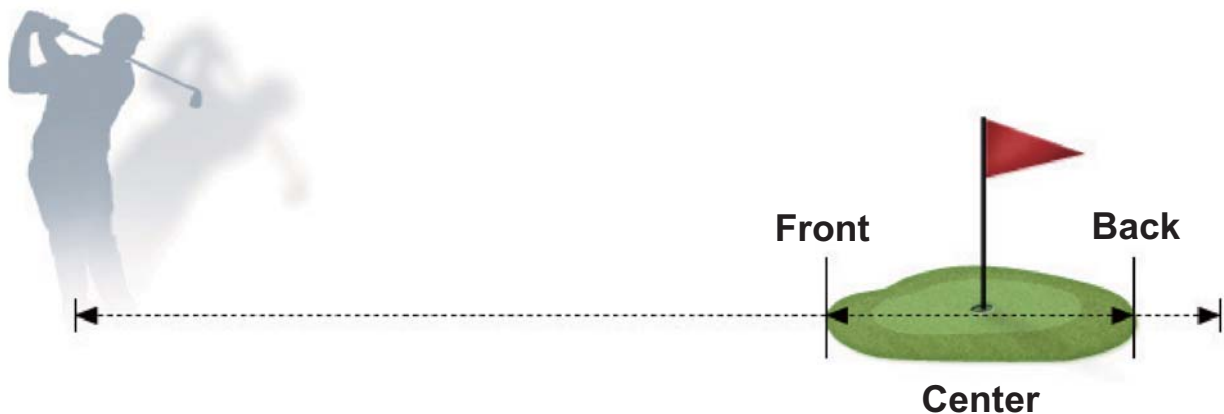
K . Holes played

L . Scorecard

M . Unit of Measure

N . Gameplay Settings

Distances to the Green are determined by evaluating the overall shape of the green and your tee off position, forming a line of best-fit.



Recording Strokes :

Before you take a stroke, press the **[Record Stroke]** button to add a stroke. You should hear a short confirmation beep and the counter on the screen will increase.



Jaio Golf Course		7		
B 460	4	0		
410	7	36		
F 350	7	37		
		1D		

Note: Beacon currently does not support a delete stroke function.
Please be careful!

Ending the Hole :

After you sink your shot, pick up your ball from the cup and immediately press and hold the **[End Hole]** button for 1-2 seconds to indicate that you are finished. You will hear a longer continuous beep for confirmation. Pressing the **[End Hole]** key as close to the pin location will help produce more accurate putting statistics.



Jaio Golf Course		7		
2	4	4		
39	7	39		
		PT		

Note: Please always remember to end the hole before advancing! If not, Beacon will keep adding strokes to a hole you have finished.

Assessing Penalties :

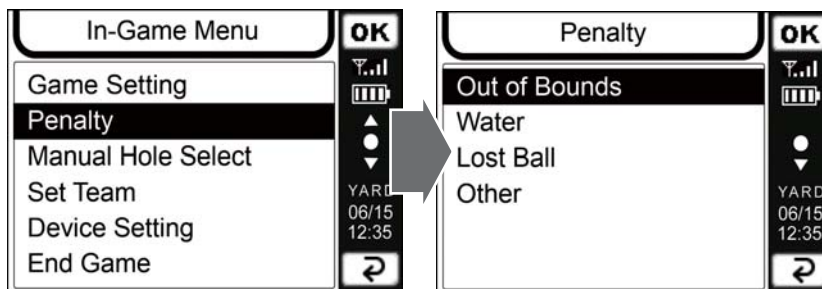
If you hit your ball out-of-bounds or into the water, use the Beacon to add a penalty stroke and select the type of infraction.

- After the penalty has occurred, press  to enter the **[In-Game Menu]**.



Press this to bring up the **[In-Game Menu]**.

- Select **[Penalty]** and press **OK** . Select your penalty from the available list and then press **OK** . Beacon will record your penalty and add a stroke to the counter. Gameplay then resumes as normal.



3-2 Club Selector

You can help Beacon expand your driving distance statistics by using the club selection tool.

1. Before taking a swing, scroll up or down using the directional pad to select your club. To configure your preset club options, you can do so using the Beacon Software Application. Refer to the Beacon Application Guide for more information.




2. Once you've made your selection, press **[Record Stroke]** and swing away.

Club Type List :

D : Driver
H : Hybrid
I : Iron
AW : Approach Wedge
GW : Gap Wedge
LW : Lob Wedge
PW : Pitching Wedge
SW : Sand Wedge
PT : Putter

3-3 Scorecard

At any time of your game, you can easily view your score and progress.

1. At the game screen, press  to bring up your scorecard. Use the directional pad to navigate through each page and holes played.

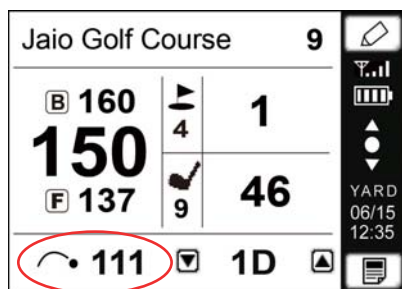


2. Press the  button to return to the main game screen.




3-4 Checking Shot Distances

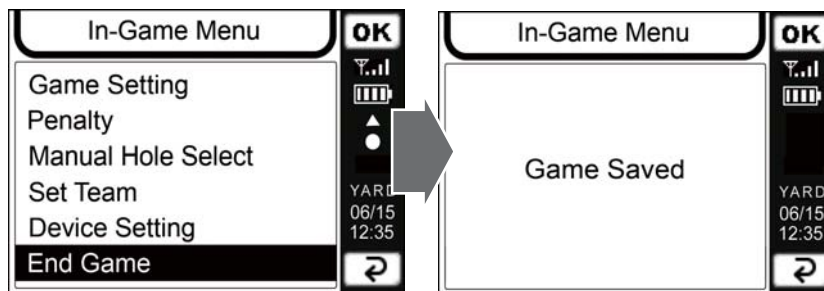
After pressing the **[Record Stroke]** key, start moving towards your new ball location. As you move, the distance meter at the bottom left of the game screen will begin to jump until you arrive at the spot of the ball. Once you press the **[Record Stroke]** key again the meter will reset to 0 for the next shot.



3-5 Ending a Game

End Game :

1. After 18 holes or when you have finished, press  to enter the **[In-Game Menu]**.
2. Select **[End Game]** and press **OK**.
3. Beacon will automatically save your data and return to the main menu.



Ending an Incomplete Game :

If you end your game before finishing all of the available holes, Beacon will go ahead and save your data. Your position will be saved and you may also resume this game from the Game Menu.



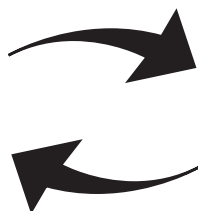
Note: An incomplete game may only be active for 24 hours; after this time you will be forced to start a new game. Your previous data will still be saved.

3-6 Using the Rangefinder

Press the center key while in the game screen to bring up a bird's eye view of the current hole. Use the soft-keys to zoom-in and zoom-out, and the directional pad to navigate.



Accessing rangefinder





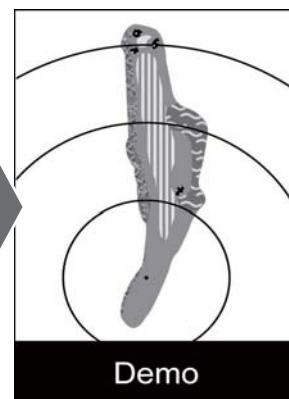
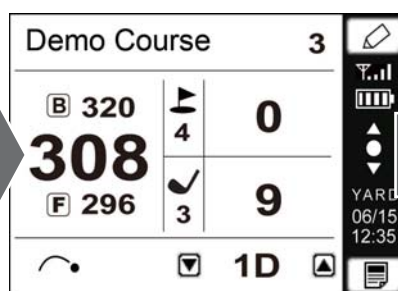
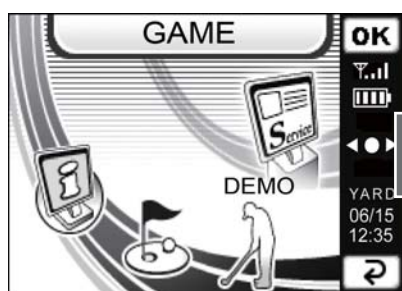
Zoom in / out and navigate through the map for a closer look.

Note: There are 3 levels of zoom capability, with 25 (yards or meters) for the radar circles on the highest zoom level.

3-7 Viewing the Demo

From the Game Menu, select **[Demo]**. Familiarize yourself with the available keys and functions as if you are in a real game. This is also a great way to show Beacon to your friends.

1. Practice pressing the **[Record Stroke]** key and the center key.
2. Press and hold the **[End Hole]** button after the 4th stroke.
3. Press  to bring up the scorecard and scroll through the available reports.
3. Press  to toggle the Game Menu and select **[End Game]**. This ends the Demo.



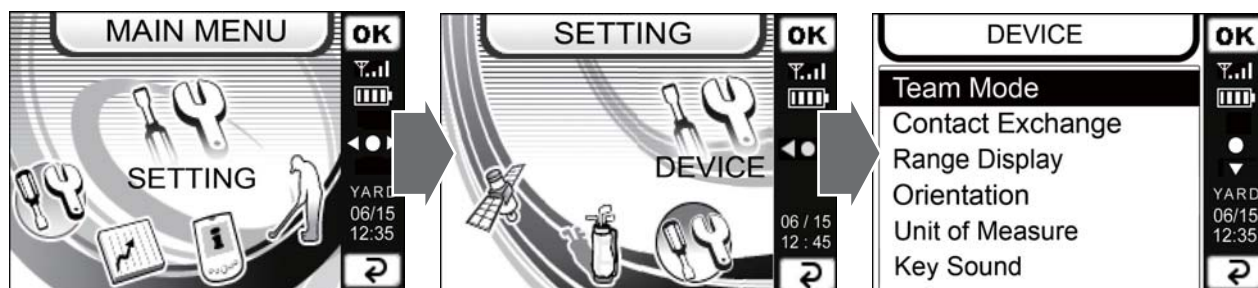
Chapter 4 Using Team and Multiplayer mode

4-1 Constructing teams

Beacon's communications technology also allows for real-time team play. Setup a foursome and watch as scores are updated automatically without ever asking your teammate. Fun and exciting for anyone looking to have a competitive afternoon with some friends.


Setup :

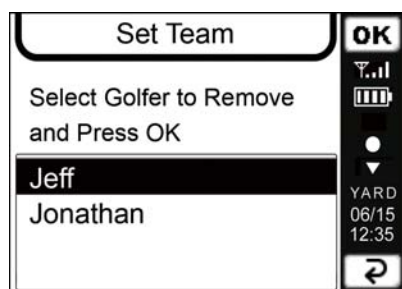
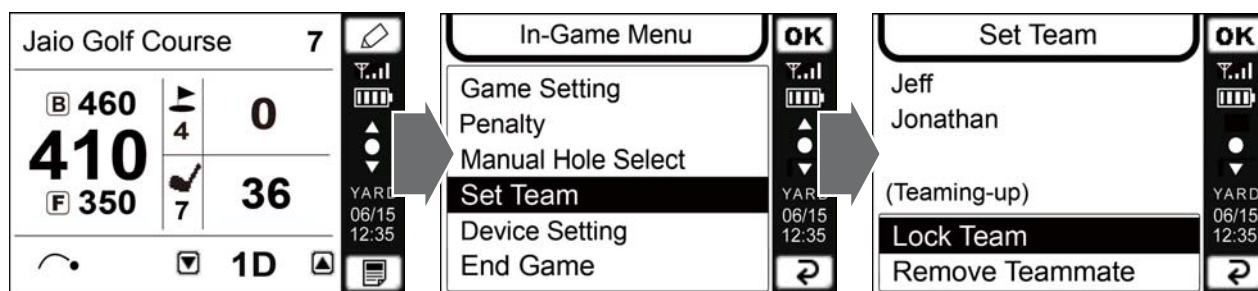
1. From the Main Menu, go to **[Setting] > [Device] > [Team Mode]**.
Select **[ON]** to enable, **[OFF]** to disable.



2. Beacon will automatically search and compile your team after you tee-off and press **[Record Stroke]**.

Note: Team Mode allows a maximum of 4 players and can be customized up until the start of 3rd hole.


3. Press  to bring up the In-Game settings and select **[Team Members]** to view the grouping status. If the setup is correct, press **[Lock Team]** to set the team. If you find an error or wish to remove a player before locking up the team, press **[Remove Player]** and make a selection.



If you find an error or wish to remove a player before locking up the team, press **[Remove Player]** and make a selection.

Note: Once you remove a player from your team, you will also be automatically removed from his/her Beacon as well.

4-2 Checking member progress

1. Once the team is set, press  at any time to view each individual member's performance.
2. Use the directional pad to navigate through each score report in depth.



OUT : Front 9

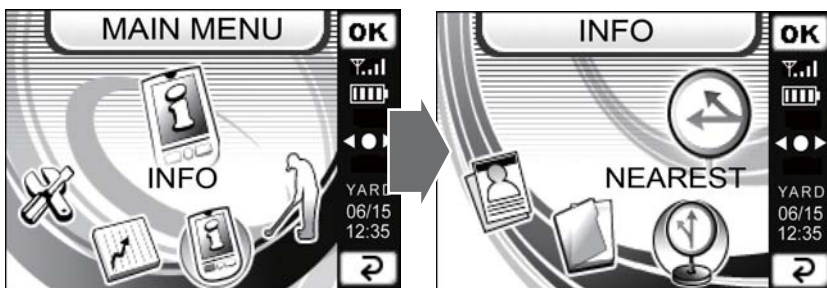
IN : Back 9

TTL : Total

Chapter 5 Finding the nearest course

5-1 Finding the nearest course

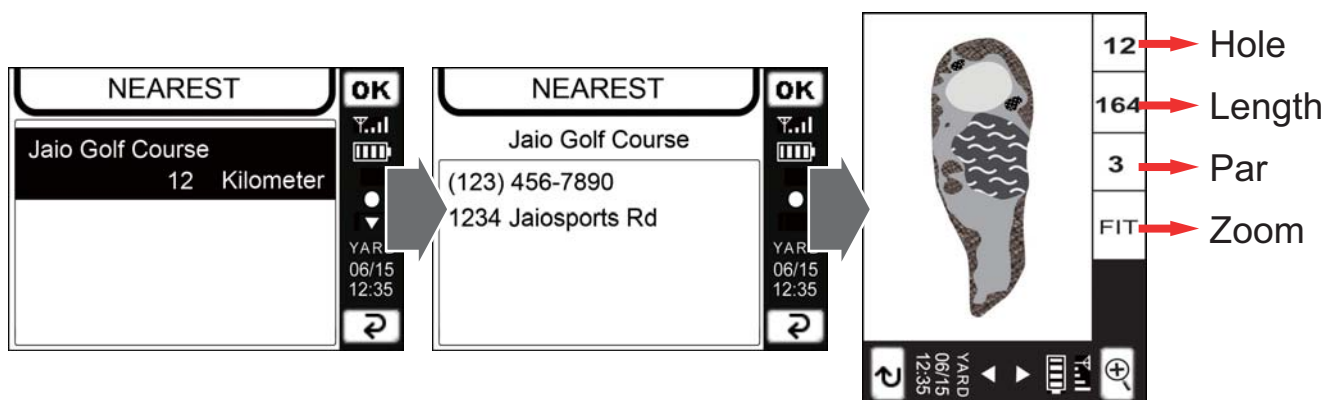
From the Main Menu, select **[Info]** then **[Nearest]** and press OK. GPS will begin a search.



Once the available list populates, select the course you would like to view and press **OK**. Note the distance from your position.

On the individual course information page press the center key to toggle the rangefinder for each of the holes.

Press **[Return]** to return once you have finished.



Note: Zoom is offered at 3 levels: **FIT**, **1x** and **2x**.

5-2 Viewing Downloaded Courses

Beacon can store up to 50 courses at one time. Use the Beacon software application to search and download your courses.

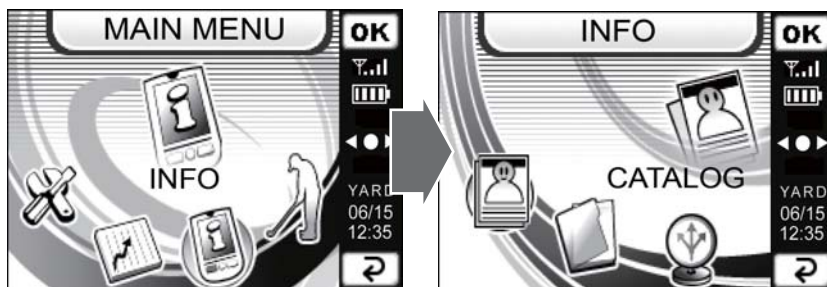
1. From the Info Menu select **[Catalog]** and press **OK**.
2. You can navigate through these menus in the same manner as the **[Nearest]** function.

5-3 Viewing my golf buddies contact info

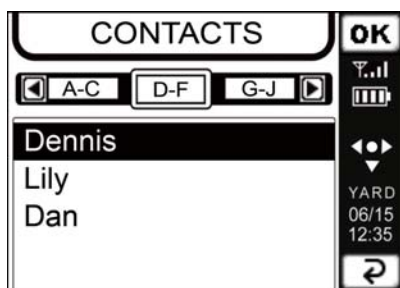
In Team Mode Beacon can automatically exchange each player's contact information for future reference.

Access the information through the following:

1. From the **[INFO]** menu, select **[Contacts]**.



2. Scroll left and right to browse the available list.



3. Use the center-key to bring up their relevant information. Scroll right and left to view all details.

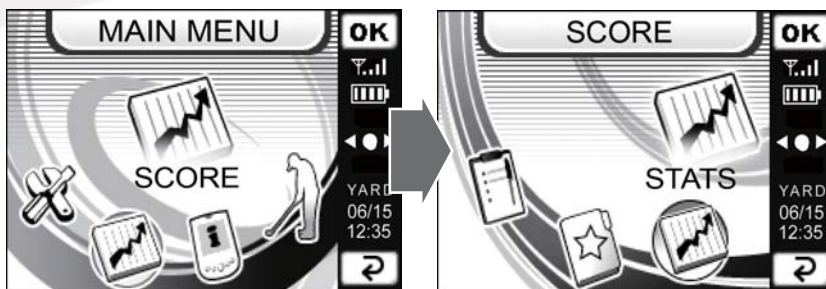


4. Connect Beacon to the computer and use the Beacon Application to manage and edit your contacts.

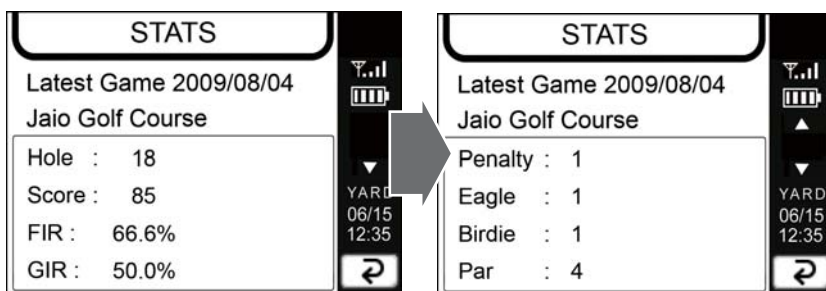
Chapter 6 Scores and Statistics

6-1 Game Summary

From the **[Main Menu]** select **[Score]** to open the sub menu.



[Stats] will display the score and statistics of the most recent game. Use the directional pad to navigate through the report.



Putts to Swings Ratio can be split into two categories, Auto and Manual.

Manual: This ratio will be compiled through your use of the Club Selector.

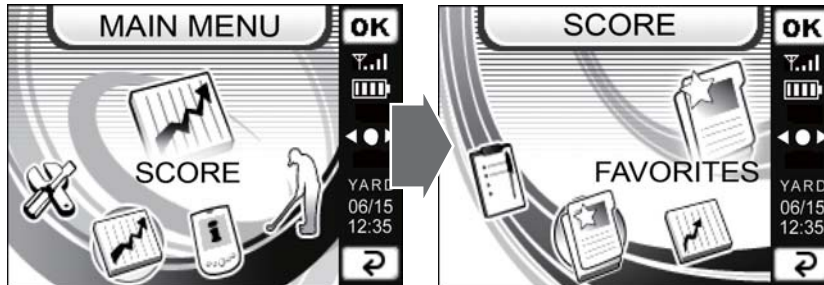
Auto: Beacon GPS will use your location to determine the type of stroke, e.g. if your position is on the green the stroke will be tagged as a Putt.

STATS	
Latest Game 2009/08/04 Jaio Golf Course	
P/S(Manual)	: 45/50
P/S(Auto)	: 45/40
Longest Drive	: 252
Avg. Putting	: 2.5

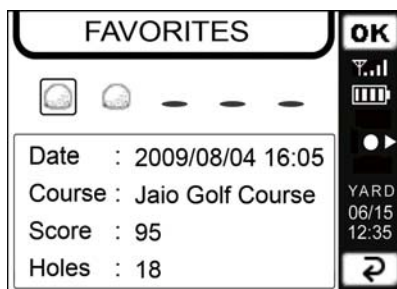
6-2 Saving Favorites

Mark the scores you love to keep in the favorites section and show your friends. You can keep up to a maximum of 5 records.

1. From **[SCORE]** Menu, select **[Favorites]** and Press **OK** .



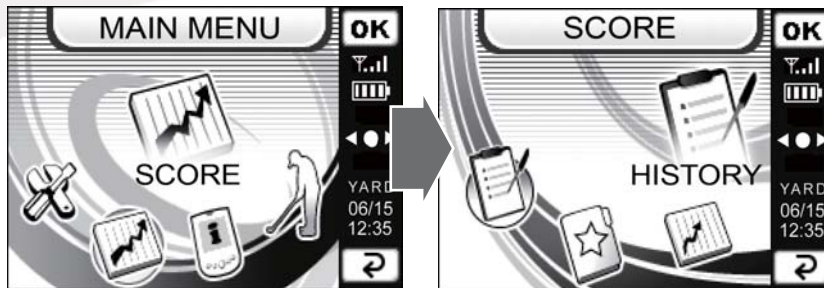
2. A golf ball indicates a used record while a hole designates an empty slot. Press **OK** once you see a record you would like to view. Use the directional pad to navigate through the reports.



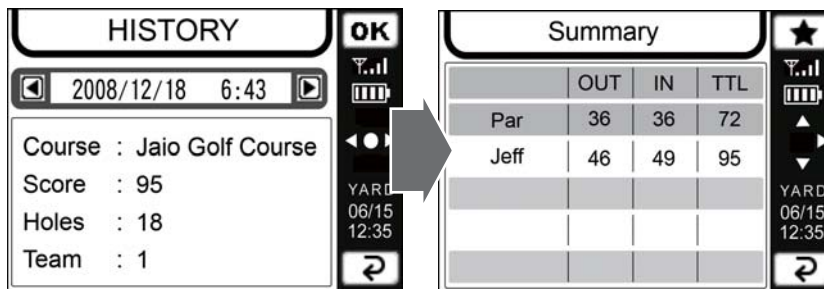
6-3 History and Game Log

The History section allows you to trace back previous games, with a maximum of 100 records.

1. From **[Score]** Menu, select **[History]** and press **OK**.



2. Use the directional pad to move left and right to navigate through each record. Press **OK** for a desired in-depth score report.



3. If you see what you like, press the **★** to jump and save to the **[Favorites]** section.

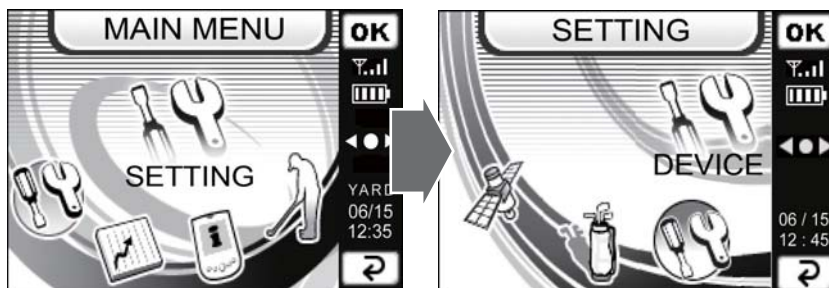


Press this to bring up the **[Favorites]**.

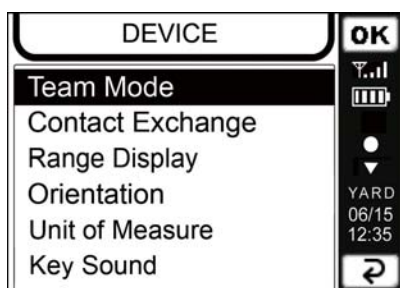
Chapter 7 Customizing your Preferences

7-1 Device Settings

1. Start from the **[Main Menu]**, select **[Setting]** and press **OK**



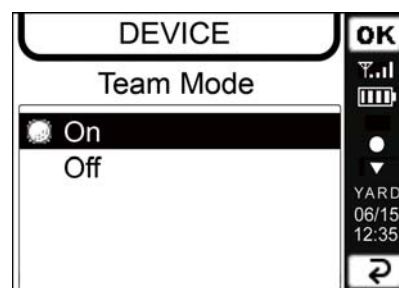
2. Select **[Device]** and press **OK**.



3. You will see a list of Available options. Press **OK** to open each one, and **Return** to return to the Main Menu.

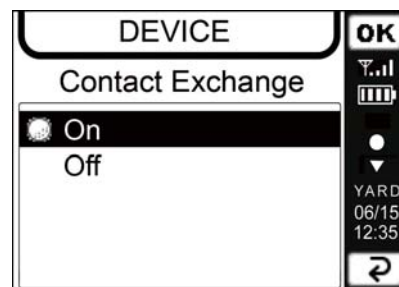
Team Mode :

Select **[On]** to allow Beacon to automatically form teams. Refer to Chapter 4 in setting up multiplayer for more information.



Contact Exchange :

Select **[On]** to share and transmit your contact information with your teammates. If **[Off]** is highlighted, only your name will be shared. Refer to Chapter 5 for more information regarding use of the My Buddies feature.

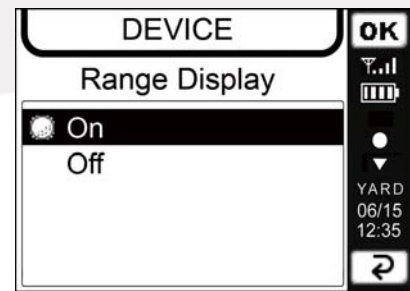


Rangefinder Options :

Control whether to display distance information to the front, back and center of green from your current position. Also toggles the presence of the radar circles.

[On] : Enable (default)

[Off] : Disable

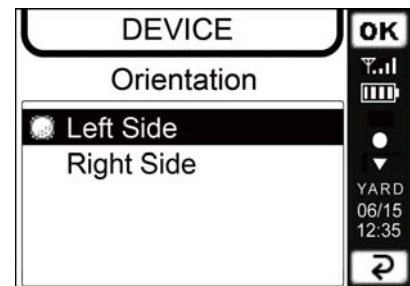


Orientation :

Configure the button orientation.

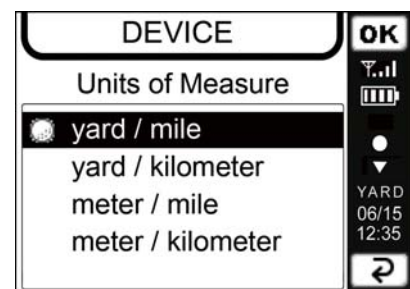
1. Left Side
2. Right Side

Refer to Section 2.4 for more information.



Units of Measure :

Configure your unit of measurement preferences expressed in a combination of both English and/or Metric system.

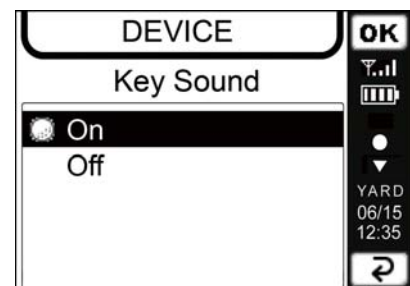


Sound Effects :

Play back sound effects when pressing keys:

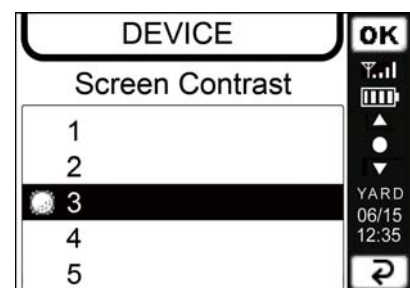
[On] : Enable (default)

[Off] : Disable / mute



Screen Contrast :

Adjust the display and sharpness for your viewing comfort. Allows for 9 levels. Default setting is 3.



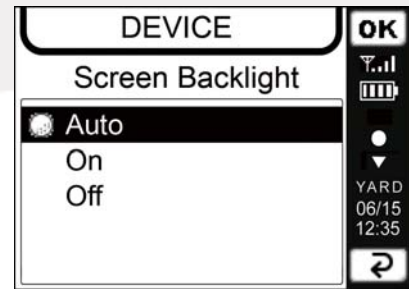
Screen Backlight :

Controls the settings of the LCD brightness.

[Auto] : Default, will automatically adjust intensity in presence of bright exterior sunlight.
(Recommended setting)

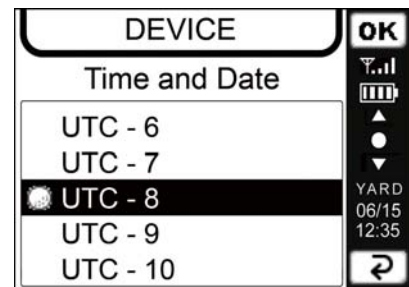
[On] : Always On

[Off] : Always Off (Recommended for Low-Battery situation)



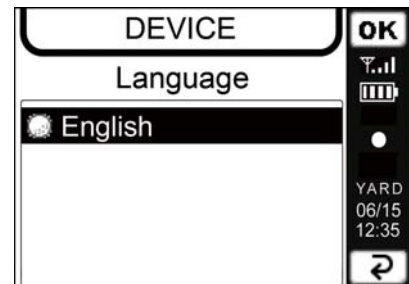
Time and Date :

Set the time and date using the directional pad, center key to confirm.



Language :

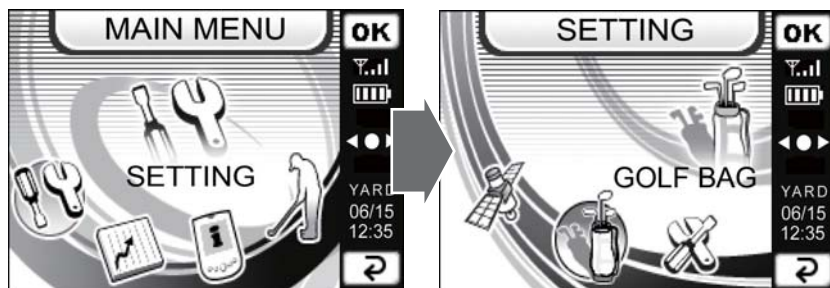
Choose from the languages available
English is default.



7-2 Using My Golf Bag

For use with the Club Selector feature, use the Beacon Application to create your own set of clubs, and select them here before play. Contains 5 custom slots plus a 'Default' bag.

1. Navigate through the list and press **OK** to select.



2. Right directional key to view and confirm the contents of the highlighted golf bag.



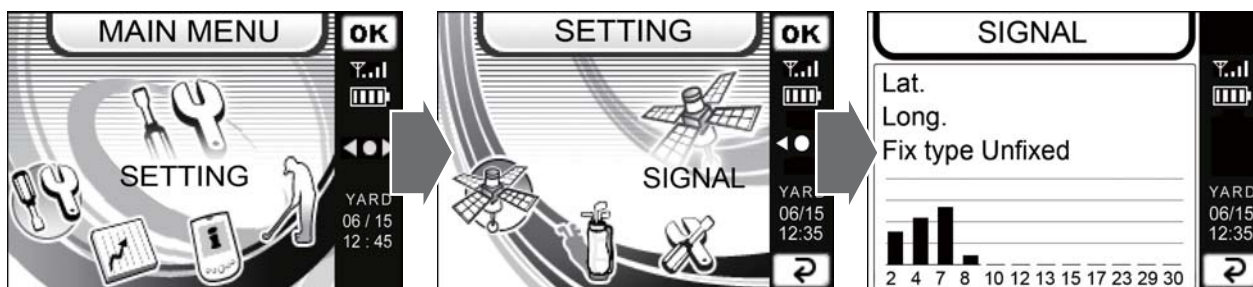
3. Left directional key to return to the **[Golf Bag]** menu.



Press this to bring up the **[Golf Bag]**.

7-3 GPS Signal Status




Check the signal status and strength of the GPS receiver.



Chapter 8 FAQ

8-1 FAQ

1. If I am standing in the correct tee-box but Beacon displays “Hole Search”, or the hole number is wrong, what should I do?

Answer : Press the  key and highlight ‘Manual Hole’ and press . Select the correct hole and press . The Beacon should automatically adjust with your information.

(Note: The Manual hole selection will only work if you have not recorded more than 1 stroke! If you have already recorded a stroke, please continue to play out the rest of the hole and fix the issue at the next. Your total score will be unaffected.)

2. What if I forgot to press the [Record Stroke] key?

Answer : Make up a stroke by pressing the [Record Stroke] key again, but be aware that this affects the shot distribution map when computing your statistics.

3. What if I forgot to press the [End Hole] key?

Answer : Not a problem, at the next hole before you tee off, press the [End Hole] key.

(Note: If you have already recorded a stroke at the next hole before pressing [End Hole] for the previous hole, please immediately press [End Hole] to re-sync the Beacon to your correct position. The correct distances to the green will be displayed, and the scores for these two holes will be affected. The total score, however, will not.)

4. What if I ended the hole on mistake?

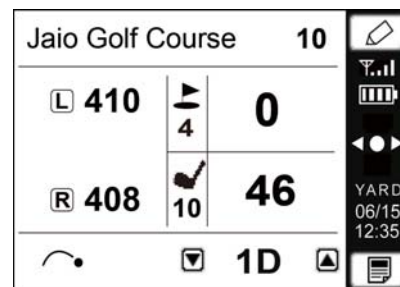
Answer : Your score for that hole and the next will be affected, as the Beacon will believe you have finished and advanced. Your total score, however, will not be affected.

5. Can I record more than 18 holes in one round?

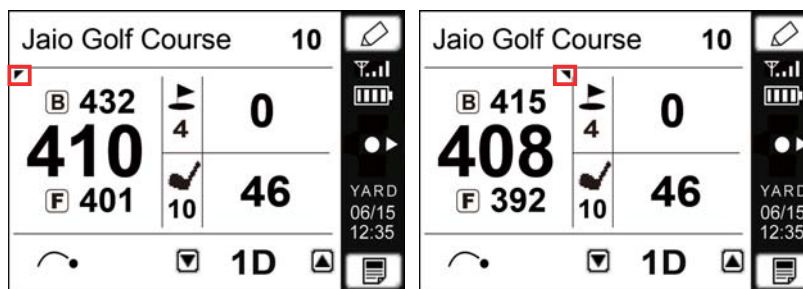
Answer : No, one round of golf using Beacon is capped at a maximum of 18 holes. You can go ahead and start a new game if you are to play an additional 9 or 18 holes of the same course. This will make two separate records.

6. What happens if the hole I am playing has two greens?

Answer : If you see two greens, the game screen will display the yardage to each green, via left and right.



Pressing the left directional key will provide in-depth information for the green on your left, whereas the right directional key will shift to the right-side green.



7. If Beacon shuts down during a game due to a low battery or other reason, what happens to my game data?

Answer : Your data will be saved up until the point of the shut down.

8. What should I do if I find that the Beacon GPS signal is weak, or that it takes a long time to lock on my position?

Answer : The GPS satellite can be affected by a variety of weather and geographical conditions. It is recommended that you start up the Beacon five minutes prior to tee-off to allow the device to seek and stabilize a connection. If the signal goes out or is wavering during play, please continue with your game. Your overall score will not be affected.

9. What do I do if the Beacon has froze and is unresponsive?

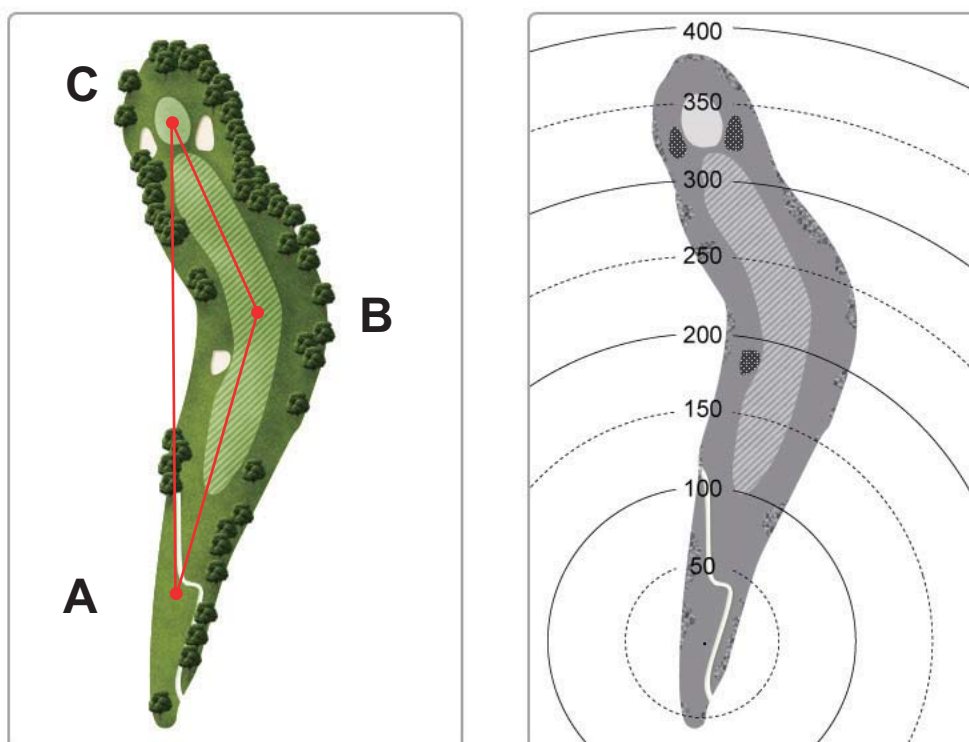
Answer : Press and hold the power key to shut off, wait 10 seconds and then turn back on.

10. I can't turn on my Beacon?

Answer : Please make sure your Beacon has a full charge, and if it still does not respond, please contact Jaio customer service.

11. How does Beacon determine the distance to the green?

Answer : See figure below. From your position in the tee-box, Beacon will draw a direct line to the center of the green. The distance of this line, **AC**, is what will be shown on the game screen. For longer pars, a golf course will typically use another point on the fairway, B, and report a combined total distance of **AB + BC**.



Chapter 9 Regulatory Compliance Information

9-1 FCC Compliance 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. (2) this device must accept any interference received, including interference that may cause undesired operation.

Note : 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 needed.
- Consult the dealer or an experienced radio/TV technician for help.

Warning : *Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.*

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Customer Service

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BeaconTM

Product specifications

Included : belt clip, charger, USB cable

Dimensions : 90(L) x 58(W) x 17(D) mm

Weight : 85 g (w/battery)

OS : Windows XP / Vista / 7



Website : www.jaiosports.com
E-mail : support@jaiosports.com

Map & Stats by



Website : www.golfsonomy.com
E-mail : support@golfsonomy.com

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