

SkyCaddie® SG3.5 User Guide



 **SkyCaddie® SG3.5**



#1 RANGEFINDER IN GOLF

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IMPORTANT!

Please register your SkyCaddie at www.skygolf.com using CaddieSync™ within 30 days of purchase to activate your Consumer Limited Warranty.

Questions?

Visit us on the web at www.skygolf.com

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CHAPTER 1 Getting Started

1.1 SkyCaddie Overview

1.1.1 Button Layout



Fig. 1: SkyCaddie layout

1.1.2 Navigation Keys

- **Center Soft Key (Power On/Off, Backlight On/Off, and Key Lock/Unlock):** Located beneath the display to power the device on/off and to toggle the keypad lock. Press the *Center Soft Key* while the SkyCaddie is on to select one of three options: 1) "Off" (*Left Soft Key*) to power off the device, 2) "Backlight" (*Center Soft Key*) to turn on the screen's backlight, or 3) "Lock" (*Right Soft Key*) to lock the keypad. To unlock the keypad, select "Unlock" by pressing the *Right Soft Key*, then choose "Yes".
- **Scroll Pad:** Allows you to navigate menu options by pressing UP/DOWN/LEFT/RIGHT.
- **Left and Right Soft Keys:** Allows you to select functions displayed at the bottom left and right of the LCD display.

1.1.3 Button Descriptions

- **Info:** Shows information relevant to your SkyCaddie or hole in play. (Additional information may include SkyCaddie Serial Number, Software Version, Course Name, Hole Number, Par and Handicap). Press the Info button twice to display on-screen instructions or information about the current screen being displayed.

Upon receiving satellite lock, the SkyCaddie can display the time. While viewing the IntelliGreen or Target views, press Info and select "Time" with the Right Soft Key. Adjust the hour, if needed, by selecting "Adj".

- **Menu:** Displays the SkyCaddie Main Menu.
- **Hole:** Displays information about the next hole. Press "Select" to advance to the next hole. To advance to a different hole, press the Scroll Pad LEFT/RIGHT or select "List" to view all holes. Scroll to the appropriate hole and press "Select".
- **Mark:** Determines your shot distance. Press the Mark button, then select "Mark" before taking your shot. Press the Mark button again when you get to the location where your ball landed. The shot distance will be displayed. For more information about the Mark Ball feature, see Section 3.2.

Note

During play, the Backlight will automatically turn off in 30 seconds. However, the Backlight will remain ON while in Demo Mode.

Helpful Tip

Pressing the same button again will return you to the previous screen.

1.1.4 On-Screen Indicators



Fig. 2: On-screen indicators

- **Distance:** Displays the selected unit for distance as either “Yd” = Yards, “M” = Meters, “mi” = Miles, or “K” = Kilometers.
- **Battery Level:** Displays remaining battery level.
- **Digital Clock (New v.3 Feature!):** Displays the current time.
- **Satellite Signal Level:** Shows real-time GPS satellite signal strength. The plus sign (+) above the signal bars indicates that SBAS (Satellite-Based Augmentation System) has been acquired. This is the preferred signal level for optimal performance.
- **Hole Number:** Displays the current hole number in play.

1.2 System Requirements

Before activating your SkyCaddie at www.skygolf.com, please make sure your computer meets the minimum system requirements:

- PC with Microsoft® Windows® 2000/XP/Vista (32- or 64-bit)
- Mac OS® 10.4.0 (Tiger) or greater with Intel® or PowerPC® processor
- 256 MB of RAM (512 MB of RAM recommended)
- 4 MB of available hard disk space
- 2X CD-ROM drive (optional)
- Available USB 1.1 or 2.0 port
- Internet access (High-speed Internet access recommended)
- Microsoft® Internet Explorer® 6.0 or later (PC)
- Safari® 2.0 or later (Mac)

1.3 Installing the Batteries

Prior to using your SkyCaddie, insert the supplied AAA disposal batteries. To install the batteries:

1. **Open the battery compartment.** Twist the battery door cover screw on the back of the SkyCaddie to gain access to the battery compartment.
2. **Insert the supplied AAA batteries,** then reattach the battery door.

1.4 Inserting the Mini-USB Cable

The enclosed mini-USB cable is used to connect the SkyCaddie to your computer. Using the cable and an installed copy of CaddieSync™ (see Section 1.5 next page), the SkyCaddie will be able to communicate with the SkyGolf website for registration, activation and — if you choose to purchase an annual membership plan — access our library of professionally-mapped courses for use on your SkyCaddie.

To connect the mini-USB cable, gently remove the rubber port cover on the bottom of the SkyCaddie and insert the small end of the cable into it firmly. Connect the other end of the cable to an available USB port on your computer.

Did You Know?

SkyCaddie® and its desktop software, CaddieSync™, are compatible with Windows and Mac platforms.

1.5 Downloading and Installing the Desktop Software

IMPORTANT!

If your computer is protected by a firewall, it may need to be set up to allow our SkyCaddie software programs to access the web. If your firewall software displays any warning messages during the activation process, simply indicate that you wish to allow access.

The CaddieSync™ desktop software is a simple program that enables communication between your SkyCaddie and an online SkyCaddie account that you will need to freely setup at www.skygolf.com. You will use CaddieSync to activate and register your SkyCaddie, purchase an optional Membership Plan, renew an annual Membership Plan, access and download SkyGolf's growing list of SkyCourses and more. CaddieSync offers a Sync feature for automatic login to your online account.

To install the latest version of CaddieSync onto your computer:

1. Using a computer with Internet connection, launch a web browser and type the following address in the address field: <http://www.skygolf.com/caddiesync/start>
2. In the right column, select the type of computer you own (PC or Mac) and the SkyCaddie model(s) you own, then click on "Download CaddieSync" (Fig. 3).

Note

If you have owned or used a SkyCaddie in the past, the CaddieSync desktop software has replaced the SkyCaddie Desktop program that formerly handled management of your SkyCaddie.



Fig. 3: CaddieSync™ download area.

3. Should a security pop-up window appears in your web browser, please allow the download to proceed. Choose "Run" in the Download dialog window if you want to have CaddieSync to automatically begin the installation process after downloading.
4. Once CaddieSync has successfully installed, a SkyCaddie icon will be placed on your computer's desktop. This will allow you to easily launch the program anytime you need to download courses or manage your account.



IMPORTANT!

CaddieSync will install a SkyCaddie icon on your computer's desktop for easy access to the program anytime you need to download courses or manage your account.

1.6 Activating and Registering Your SkyCaddie

Within 30 days of purchase, you must register your SkyCaddie online. Registration is free, and it will allow you to activate the standard manufacturer's warranty and associate your SkyCaddie's Electronic Serial Number (ESN) to your contact information for support purposes. Your registration information is held in the strictest confidence at SkyGolf. We do not sell or share our users' information to anyone outside of our organization without their consent.

To register your SkyCaddie:

1. Launch CaddieSync on your computer.
2. Click on the "Activate a New SkyCaddie" button on the CaddieSync welcome page (Fig. 4).
3. Following the *Get Connected* setup assistant to register and activate your SkyCaddie. If you did not purchase your SkyCaddie online and have never had a SkyGolf website account, you will be able to setup a free online website account during this process. You will also have the option to choose an annual Membership Plan that best serves the needs of your game.



Fig. 4: "Activate a New SkyCaddie" button in CaddieSync™.

1.7 Benefits of SkyPlayer Club Membership

During registration of your SkyCaddie, you'll be given the option to select an annual membership plan designed to fit how many courses you play. You can significantly increase the value of your SkyCaddie with these member benefits for a small yearly fee:

Note

Membership is not required to obtain GPS signals or to record or play personal courses on your SkyCaddie. See Appendix B for a comparison of features on the SkyCaddie with those additionally available with an annual Membership Plan.

- **Online Course Storage.** CaddieSync™ provides safe storage and easy access to courses obtained through our website. Your courses are managed and stored on our servers as *Favorites*, so you do not have to maintain files on your computer. Additionally, you can use any compatible computer in the world to access your Favorites.
- **Easy Website Access.** The *Sync* process within CaddieSync links your SkyCaddie to our website so that you can easily add courses to your SkyCaddie or update your software as new updates are available. This was formerly called "DirectConnect"
- **SkyCourses®.** SkyCourses are golf courses that have been mapped for use with the SkyCaddie and contain unique information on each course layout. Each membership plan provides different levels of SkyCourse access and storage in CaddieSync. Thousands of published SkyCourses are available online, and we keep the SkyCourses up-to-date for you. Our SkyCourse library is growing daily. SkyCourses are either *Published* or *Unpublished*:
 - **Published SkyCourses** are golf courses that can be accessed with purchase of a Membership Plan. The quality of each published SkyCourse is rated on our website as follows:
 - *Four Star:* recorded by one of our SkyGolf GPS professionals; contains information on up to 40 targets per hole plus an IntelliGreen.
 - *Three Star:* professionally recorded prior to implementation of the IntelliGreen feature; does not include IntelliGreen graphics.
 - *Two Star/One Star:* recorded by other members of the SkyCaddie community that have chosen to share their personal courses.
 - **Unpublished SkyCourses** are golf courses created by you using your SkyCaddie. These are courses that only you can access and play with; they are not viewable by any other SkyCaddie users unless you choose to submit your Unpublished SkyCourses to SkyGolf. Our database is growing daily through the efforts of SkyGolf professionals and SkyCaddie members.
- **Share Courses with Other Users.** Members can submit courses they have created with the SkyCaddie to us to share with other members. The more members share, the more courses everyone will have access to.
- **IntelliGreen®.** IntelliGreen graphics are part of our exclusive, professional 4-star SkyCourses. They provide an eagle's eye view of the green, with an indicator representing a direct line-of-play from wherever you are on the course.
- **Theft Deterrent.** Registering the SkyCaddie's Electronic Serial Number (ESN) deters theft by protecting your investment from unauthorized use. If your SkyCaddie is lost or stolen, contact SkyGolf so that we can flag your ESN as "lost" or "stolen" to prevent unauthorized use.
- **"Owned By" Screen.** This screen allows SkyCaddie personalization.
- **Online Support, Software Updates, and Upgrades.** SkyCaddie software is automatically checked for upgrades and updated when you do a Sync (formerly "DirectConnect").

Note

*You can browse the SkyCourse library anytime through the public area of www.skygolf.com. However, in order to obtain the courses for use with your SkyCaddie, you **MUST** have a Membership Plan and use CaddieSync.*

1.8 Downloading Courses to Your SkyCaddie

As defined above, SkyCourses are golf courses that have been recorded for use with the SkyCaddie and contain unique information on each course layout. Thousands of published SkyCourses are available online at the SkyGolf website for you to download to your SkyCaddie. Once you have installed CaddieSync and selected a Membership Plan, you will have access to our rapidly growing database of professionally mapped courses.

To search and download courses to your SkyCaddie, connect your SkyCaddie to your computer using the supplied cable, then launch CaddieSync. When the welcome page comes up, turn on your SkyCaddie and click on the "Sync" button on CaddieSync to log in. Click on "Courses" in CaddieSync to search for SkyCourses.

CHAPTER 2

Playing Golf With Your SkyCaddie

Note

You must be outdoors with an unobstructed view of the sky for the SkyCaddie to receive GPS satellite signals.

For optimum performance, keep your thumb and fingers on or below the ridges of the right side of the device, away from the antenna.

2.1 Acquiring Signals

While standing outside prior to play, power on the SkyCaddie by pressing and holding down the Center Soft Key firmly for 1-2 seconds. Select “Start” by pressing the Left Soft Key. Press the soft key to navigate the initial start up screens until the Satellite Searching Screen is displayed. You must power up the SkyCaddie 5-10 minutes prior to play to acquire GPS satellite signals and reach optimal performance.

While searching for satellite signals, the SkyCaddie displays animated graphics indicating when satellite signals are received. The SkyCaddie will display “Searching”, “Acquiring” and “Ready” as it acquires satellite signals (Fig. 5). Once the appropriate GPS fix is acquired, the SkyCaddie will automatically advance to the next screen. (You may manually advance to the next screen while the GPS continues to search for signals by selecting “OK” or “Demo”).



Fig. 5: Searching for GPS satellites

2.2 Selecting a Course to Play

If your SkyCaddie has obtained a GPS satellite signal fix, the SkyCaddie will attempt to determine your location and auto-select the closest installed course.

When a course is displayed, press “Select” to play that course or simply scroll to another course (courses will be sorted by distance from your current location). If no courses are installed on your SkyCaddie, the SkyCaddie will open the “Demo Course”. If only one course is loaded, the SkyCaddie will ask if you want to play that course.

Once a course has been selected, the SkyCaddie will ask you for the hole to start on or the Driving Range (D). Make the appropriate selection to begin.

2.3 Turning the Digital Scorecard On or Off

During start-up, the SkyCaddie will ask if you would like to maintain a Digital Scorecard of your round. Three options will be presented (Fig. 6):

- **New Round:** Select if you are starting a new round and wish to maintain a scorecard for the round.
- **Resume Round:** Select if you started a scorecard for a round, was interrupted during that round, and want to get back to the round where you left off.
- **Skip Scoring:** Select if you are not interested in using the Digital Scorecard feature for the round you are playing. (Note: Selecting “Skip Scoring” effectively turns off the scoring feature, so the following information in this section will not apply.)

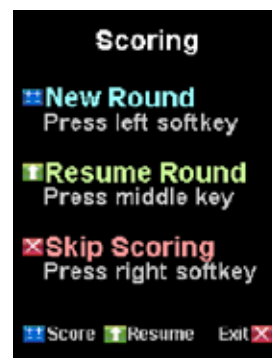


Fig. 6: Scorecard options

Maintaining your score using the Digital Scorecard is a *manual* process; in other words, you will need to manually input your scores into the SkyCaddie after playing each hole. The SkyCaddie will not automatically track your scores. See Section 2.5 for more information on the Digital Scorecard.

2.4 Viewing Targets During Play

The SkyCaddie offers several different target view screens giving you options for displaying the key target information. Choose the target views that best fit your style of play. The next few sections detail the various views and their function:

2.4.1 IntelliGreen®

An IntelliGreen is a graphic of the shape of the green (Fig. 7). In IntelliGreen view, the green will have an arrow drawn through it representing a direct line-of-play from where you are on the course. The view of the IntelliGreen will rotate on the screen to show the green from the direction of your approach (i.e. the closest part of the green will always display at the bottom).

The three numbers along the left side of the display are distances to the front, a point on the green (represented by a crosshair), and back of the green along the line drawn. To switch between these distances, simply choose "Select" using the Left Soft Key. Use the Scroll Pad to reposition the line-of-play (crosshair) by holding down the Scroll Pad in the desired direction and release. The distances will recalculate automatically based on the new position of the line.



Fig. 7: IntelliGreen® screen

While in the IntelliGreen view, select "Target" with the Right Soft Key to view target lists. To return to the IntelliGreen view, select "iGreen" using the Right Soft Key.

2.4.2 Target Views

Your SkyCaddie can display four different target views depending on your preference. By default, two views will be active (Graphical and Expanded View). You may choose any combination of four target views within the "Preferences" menu. To access "Preferences", press the Menu button and scroll to "Preferences" and select. Within "Preferences", scroll to "Target Views" and select. The SkyCaddie will display four target view options. Select the desired target views to display (a checkmark will appear next to each selected target view).

The SkyCaddie will display "View" and "iGreen" at the bottom of each target view screen. "View" (Left Soft Key) switches to the next enabled target view screen. To quickly return to the IntelliGreen view from any of the four target view options, simply select "iGreen" using the Right Soft Key. Upon returning to the IntelliGreen screen using the "iGreen" option, selecting "Target" at a later time will return you to the last target screen viewed. The four available Target Views are: Standard, Graphical, Expanded, and Big Number.

- **Standard:** A listing of all targets including safe landing zones in play from the tee that are visible or may be hidden will be displayed. Use the Scroll Pad to scroll through the targets manually (otherwise the targets will automatically scroll off the screen as you move down the fairway). The information provided with the Standard View instantly gives you the knowledge that only a caddie can provide to negotiate a hole (Fig. 8). Appendix A has a complete list of target names and their corresponding target descriptors.
- **Graphical:** Use the Graphical View to display targets as intuitive, graphical icons (Fig. 9). Press UP/DOWN on the Scroll Pad to move one target at a time. Press LEFT/RIGHT on the Scroll Pad to scroll to the top or bottom of the target list if the list is longer than can be displayed on a single screen.
- **Expanded:** Displays an expanded version of the target descriptor and gives you the "Leaves" distance to the center (crosshair on IntelliGreen view) from that target (Fig. 10).



Fig. 8: Standard View

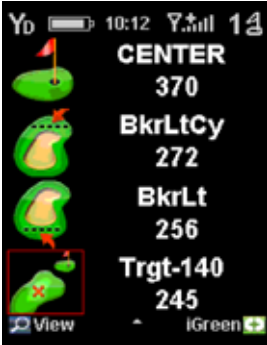


Fig. 9: Graphical View



Fig. 10: Expanded View

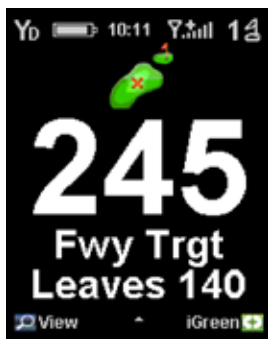


Fig. 11: Big Number View

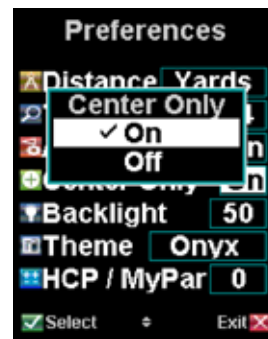


Fig. 12: Center-Only option

- **Big Number Target:** Displays the selected target distance as a very large number for easy viewing (Fig. 11). Press UP/DOWN on the Scroll Pad to move one target at a time. Select “iGreen” to return to the IntelliGreen view.

2.4.3 Center Only View

An alternative view is available for those simply looking for the distance to the center. The Center Only View is enabled or disabled within “Preferences” under “Center Only” (Fig.12). The Center Only View will override any previously enabled target views. In order to display other target view options, “Center Only” must be turned off.

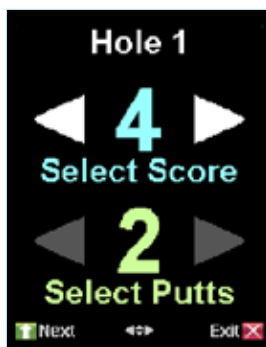


Fig. 13: Adjusting the score

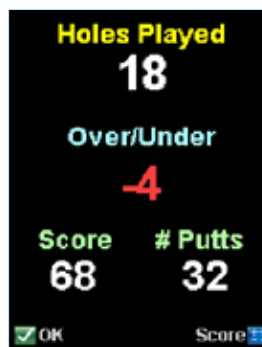


Fig. 14: Scoring Summary

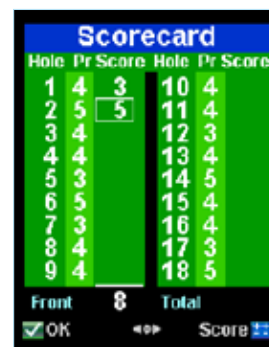


Fig. 15: Digital Scorecard

2.5 Using the Digital Scorecard

If you selected the scoring option during the start-up, at the end of each hole the SkyCaddie will ask you how many shots it took to complete the hole (Fig. 13). By default, it will show what par is for that hole.

1. Press LEFT/RIGHT on the *Scroll Pad* to adjust the total number of actual shots taken.
2. Next, press down on the Scroll Pad, then left/right to adjust the number of Putts you took.
3. Press the Left Soft Key under “Next” when you are done.

Once you are finished with the scoring on that hole, the SkyCaddie will display a summary of how many holes you have played, how much over or under par you are at that point in the round, your total score and number of putts (Fig. 14). From this screen, you have two options:

1. Click the Left Soft Key under “OK” to proceed to the next hole, or
2. Press the Right Soft Key under “Score” to see your full Digital Scorecard (Fig. 15).
3. To navigate through each hole on the Scorecard, press up/down on the Scroll Pad. To change a score for a hole, press left/right on the Scroll Pad.

- Press the Left Soft Key under “OK” to start the next hole, or the Right Soft Key under “Score” to see your Over/Under Summary (Fig. 16).

The Over/Under Summary screen tracks your performance against the pars for each hole. A negative number represents strokes under par, a positive number represents strokes over par, and an “E” will appear if you completed a hole at par.

2.5.1 Turning Off the Digital Scoring Option in System Settings

If you decide not to use the digital scoring feature for future rounds, you may turn off the Scoring option on the System Settings menu by doing the following:

- Press the “Menu” button
- Using the Scroll Pad, move down to “Advanced Menu” and press the Left Soft Key under “Select”
- On the Advanced Menu screen, scroll down to “System Settings” and press “Select”
- Under System Settings, scroll down to “Scoring” and press “Select”, then set to “Off” (Fig. 17)
- Press “Exit” to exit out of the Menu back to the play screens.

Hole	Pr	Score	Hole	Pr	Score
1	4	-1	10	4	
2	5	E	11	4	
3	4		12	3	
4	4		13	4	
5	3		14	5	
6	5		15	4	
7	3		16	4	
8	4		17	3	
9	4		18	5	

Front: -1 Total Score

Fig. 16: Over/Under Summary

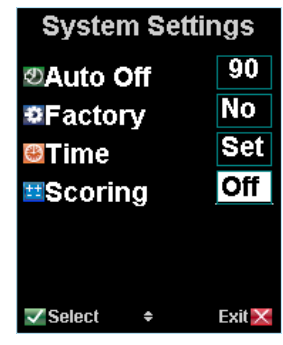


Fig. 17: System Settings screen

2.6 MyPar™ Scoring Option

SkyCaddie also allows you to enter your handicap or a MyPar™ goal into the scoring system so that the Digital Scorecard for the course you are playing is adjusted according to your handicap. A MyPar™ goal is a target score for a particular golf course that a player is wanting to achieve to improve their game.

To activate the HCP / MyPar™ Scoring Option:

- Press the “Menu” button
- Select “Preferences”
- Using the Scroll Pad, scroll down to “HCP/MyPar” and press the Left Soft Key under “Select” (Fig. 18).
- When the HCP/MyPar screen appears, you can adjust your handicap (“HCP”) or MyPar goal by using the Scroll Pad and adjusting the number to the appropriate value (Figs. 19 & 20).
- Press the Left Soft Key under “Select” when you are finished.
- Press “Exit” to leave the Preferences Menu and Main Menu to return to the SkyCaddie’s play screens.

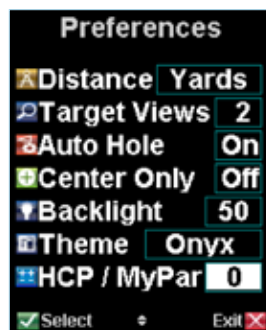


Fig. 18: HCP / MyPar setting

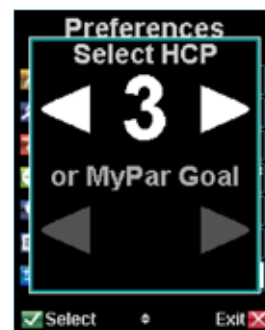


Fig. 19: Adjusting HCP value

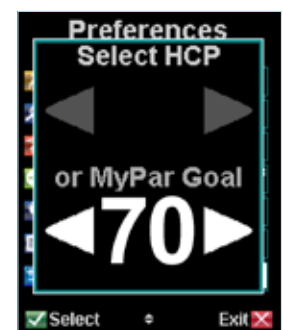


Fig. 20: Setting a MyPar goal

Scorecard					
Hole	Pr	Score	Hole	Pr	Score
1	4	4	10	4	
2	5	4	11	4	
3	4	3	12	3	
4	4		13	4	
5	3		14	5	
6	5		15	4	
7	3		16	4	
8	4		17	3	
9	4		18	5	
Front	11		Total		

Fig. 21: Scorecard with HCP

Over/Under					
Hole	Pr	Score	Hole	Pr	Score
1	4	E	10	4	
2	5	-1	11	4	
3	4	-1	12	3	
4	4		13	4	
5	3		14	5	
6	5		15	4	
7	3		16	4	
8	4		17	3	
9	4		18	5	
Front	-2		Total		

Fig. 22: Over/Under with HCP

My Par					
Hole	Pr	Score	Hole	Pr	Score
1	4	E	10	4	
2	5	-1	11	4	
3	4	-1	12	3	
4	4		13	4	
5	3		14	6	
6	6		15	4	
7	3		16	4	
8	4		17	3	
9	4		18	6	
Front	-2		Total		

Fig. 23: Scorecard with MyPar

The next time you play a round with your Digital Scorecard and MyPar option on, you will see a change on your scorecard:

1. If you set a handicap, the pars for hole numbers that you will be able to use your handicap on will be highlighted in blue (Figs. 21 & 22).
2. If you set a MyPar™ goal, the pars for hole numbers that you will be allowed extra strokes on will be highlighted in blue (Fig. 23). The Par will be adjusted to your Par for the hole.

CHAPTER 3

Customizing Your SkyCaddie For Play

Your SkyCaddie can be customized to fit your style of play and to display information in the format you prefer.

3.1 Preferences

To customize the information to be displayed during play, press the *Menu* button, scroll to “Preferences” and press the *Left Soft Key* under “Select”. Within Preferences, a list of settings is displayed as follows:

- **Distance:** You can set your preferred unit of distance as (“Yds” = Yards, “M” = Meters, “mi” = Miles, “K” = kilometers) by selecting “Distance”, then choosing the unit of measurement you prefer. A checkmark will be placed next to the item you have chosen (Fig. 24).
- **Target Views:** Set the desired target views as detailed in Section 2.4.2.

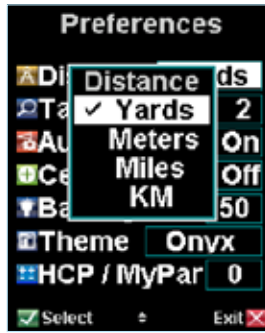


Fig. 24: Distance preference

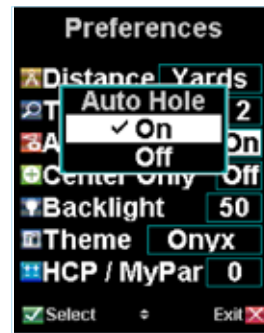


Fig. 25: Auto-Hole option

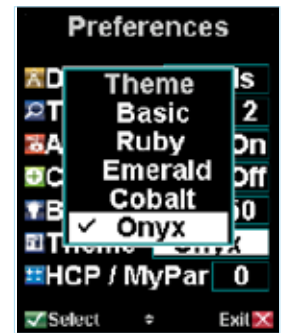


Fig. 26: Theme selection

- **Auto Hole:** If enabled, your SkyCaddie will automatically detect that you are moving toward the next hole and will automatically advance to that hole. To enable, scroll to “Auto Hole” and select. Press the Scroll Pad to move either UP or DOWN to highlight ON or OFF and select (Fig. 25). Upon returning to the Preferences screen, confirm that your selection appears in the box next to “Auto Hole”.

As noted in a previous section, target lists will automatically scroll off the bottom of the display as you move forward along the fairway without the need of using the Scroll Pad. In addition, the target list will switch to the IntelliGreen view automatically as you approach the green. By combining the ability to auto scroll targets and automatically advancing to the next hole, your SkyCaddie gives you hands-free operation.

- **Center Only:** If you prefer that the SkyCaddie only display the distance to the center, enable “Center Only” (For more information see Section 2.4.3).
- **Theme:** Further personalize the look of the SkyCaddie software by choosing one of several user-selectable themes. Within Preferences, scroll to and select “Theme”. Then scroll to and select the desired color theme option (Fig. 26 above).



Fig. 27: Mark Ball

3.2 Determining Shot Distance

Simply press the Mark button at the location where you are going to take your shot. The “Mark New Ball Location?” screen will display (Fig. 27). Select “Mark” (Left Soft Key) to record your current location and then take your shot. When you get to the location where your ball came to rest, press the Mark button again to record and display the distance (Fig. 28). You may return to your previous screen by selecting “Exit” or choose “Mark” to mark the distance for another shot.

3.3 Information

To view information regarding the current hole, simply press the Info button. Pressing the Info button a second time will display on-screen instructions and information to help you navigate the SkyCaddie.

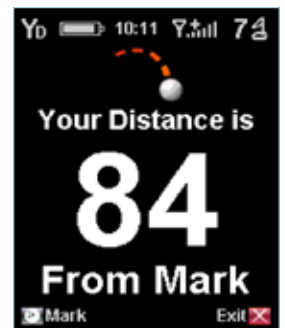


Fig. 28: Shot Distance

3.4 Advanced Menu

As you familiarize yourself with the SkyCaddie, you may further customize the information displayed during play using the “Target Settings” option within the Advanced Menu. To access the Advanced Menu, press the *Menu* button, scroll to “Advanced Menu” and select. A number of menu items will appear within the Advanced Menu. Scroll UP/DOWN to select “Target Settings”.

Target Settings allows you to configure the SkyCaddie to display targets at preset distances. A list of menu options as shown in Figure 29 will be displayed. Scroll UP/DOWN to highlight the desired option to change.

- Targets Over:** Adjust the SkyCaddie to display targets at set distances. To adjust the distance, scroll UP/DOWN to “Targets Over” and select. Upon selecting “Targets Over”, a small window will display indicating the current distance setting (Fig. 30). Scroll UP/DOWN to adjust the distance from 50-500 yards. Choose “Select” to save the setting. The default setting is to display targets over 150 yards.
- Green At:** The SkyCaddie will automatically switch to the IntelliGreen view when you reach a set distance. The default to switch to IntelliGreen is 150 yards. To adjust the distance, scroll UP/DOWN to “Green At” and select. A small window will display indicating the current distance setting (Fig. 31). Scroll UP/DOWN to adjust the distance from 50-500 yards. Choose “Select” to save the setting.
- Targets First:** Sets your SkyCaddie to display the target list from the tee first when you go to the next hole, instead of the IntelliGreen first (Fig. 32). The default setting is to display the IntelliGreen first. Enable this feature to display the target list first. To enable, select “Targets First” to open the menu item. Scroll to “ON” and select. A checkmark will appear next to the item you choose.
- Green Ref:** This option is sometimes referred to as Pro-Front. When Green Reference is set to “Front”, a small square will appear on the IntelliGreen where the front is marked (Fig. 33). The word “Front” will replace “Center” on target lists. The distance will be based on the Front (location where the square is marked). To enable, scroll to and select “Green Ref.” to open the menu item (Fig. 34). Scroll to “Front” and select. A checkmark will appear next to the item you choose.
- Green Tgts:** Enable this option to display additional green targets (Example: Grn-RtCy, Grn-BackRt) in the target list views. To enable, scroll to and select “Green Tgts” to open the menu item. Move the Scroll Pad to “ON” and select. A checkmark will appear next to the item you choose.

Note

Choosing “Exit” while viewing “Targets Over” or “Green At” will not save your setting.

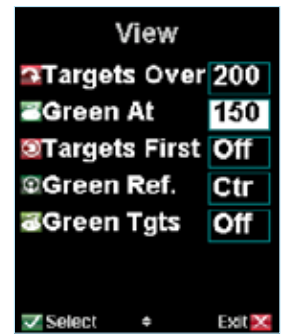


Fig. 29: Target settings

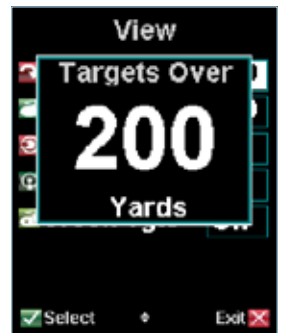


Fig. 30: Targets Over setting

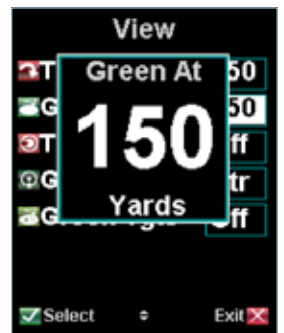


Fig. 31: Green At setting

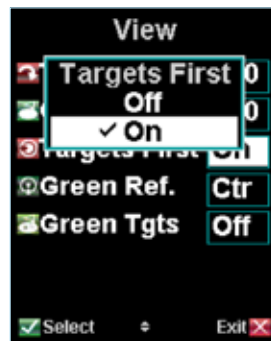


Fig. 32: Targets First setting

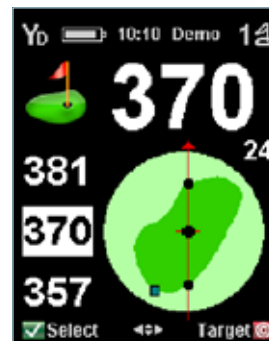


Fig. 33: Green Ref set to “Front”



Fig. 34: Green Ref setting

CHAPTER 4

Recording Your Own Course

The SkyCaddie allows you to record three green targets (*Front*, *Center*, and *Back*) for up to five personal courses that are stored on your SkyCaddie. If you have purchased a SkyPlayer Club Membership Plan, you can backup and store courses in your own online membership account using the DirectConnect button at www.skygolf.com. Your personal recorded courses will be stored in your online "My SkyCaddie" account. So, if your SkyCaddie is lost or stolen, you can quickly reload the courses without having to re-record them individually.

4.1 Naming Personal SkyCaddie Courses

To record a course, select SkyCourses in the Main Menu then scroll to and select "New Course". Choose Yes when prompted to "Create a New Course?".

Create a name for your course (up to 10 characters) using the on-screen keyboard (Fig. 35). Scroll UP/DOWN/LEFT/RIGHT to the appropriate letter and select. To clear a letter, scroll and select the arrow symbol in the lower right-hand corner of the display. If you select "Done" (Right Soft Key) before choosing any letters the course name will default to "MYCOURSE#" and sequentially add a number for each course.



Fig. 35: On-screen keyboard

4.2 Recording Green Targets

After entering the course name, select "Done" to save and to advance to the target screen showing Front, Back, and Center. Scroll to the desired green target to record and select "Record" (*Left Soft Key*). You will be prompted to stand still for 5 seconds while the SkyCaddie is recording the location. Repeat this process for each of the green targets.

The recommended sequence to record targets is to record the front of the green, record the back of the green, then walk to the center of the green and, when the two distances are equal, record that location.

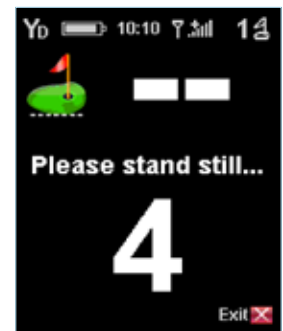


Fig. 36: Recording the Front of the Green

4.3 Setting Par and Handicap

To set the par and handicap for a recorded hole, press the Info button. An up and down arrow will appear next to "Par" (Fig. 37). Scroll UP/DOWN to set the desired par. Select "Hcp" (*Right Soft Key*) to switch to Handicap. Scroll UP/DOWN to set the desired handicap. Select "OK" to save and exit.

4.4 Playing Personal SkyCaddie Courses

To play a personal SkyCaddie course, press the Menu button and select "SkyCourses". Scroll to the appropriate course name and select. Press "Play" to view a list of course hole numbers. Scroll and select the hole to start on.

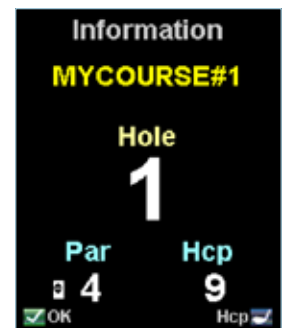


Fig. 37: Setting Pars and Handicaps

4.5 Re-Recording Personal SkyCaddie Courses

Press the Menu button and select "SkyCourses". Scroll to the appropriate course to re-record and select. Press "Play" to view a list of course hole numbers. Scroll and select the hole to start on.

Select "Mode" (Right Soft Key) then scroll to "Record" and select. Repeat steps outlined in Section 4.2 ("Recording Green Targets").

4.6 Renaming or Deleting Personal SkyCaddie Courses

To rename or delete a personal SkyCaddie course, press the Menu button and select “SkyCourses”. Scroll to the appropriate course name to rename or delete and select. Press “Play” and choose the starting hole number. Now that you have selected the course and enabled it for play, simply press the Menu button and scroll to “Advanced Menu” and select. Scroll to “Rename/Delete” and select. Confirm that the course name that you plan to rename or delete appears at the top of the screen. Select “Rename” to retype a course name or delete to remove the course from your SkyCaddie.

4.7 Publishing Personal SkyCaddie Courses

You have the option to publish your personal recorded courses so other SkyCaddie users can take advantage of the information you recorded. Simply click the “Publish” button within the “Courses I’ve Mapped” area in CaddieSync to begin the process. You will be asked to complete a form to document the Par and Handicap for the course and to accept an end-user agreement. Your course is then sent to the SkyGolf Quality Control Department for review. Upon review and approval, the course will be listed in the SkyGolf course database for other users to download.

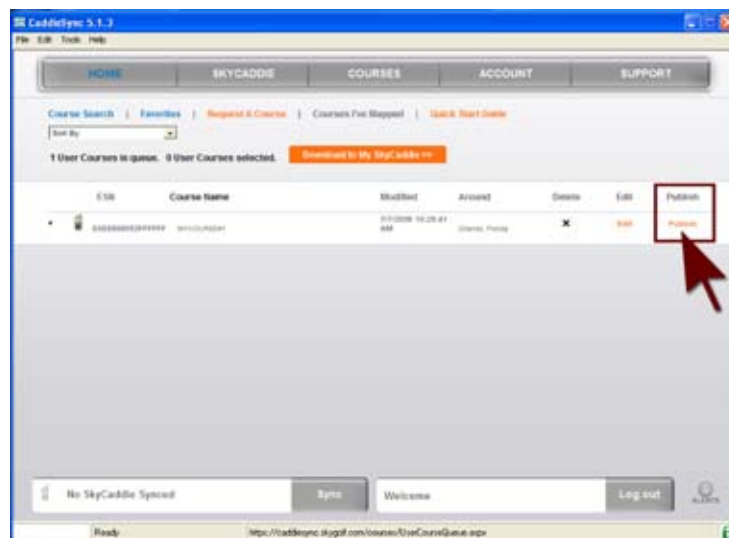


Fig. 38:
Publishing a Personal Course to SkyGolf using CaddieSync.

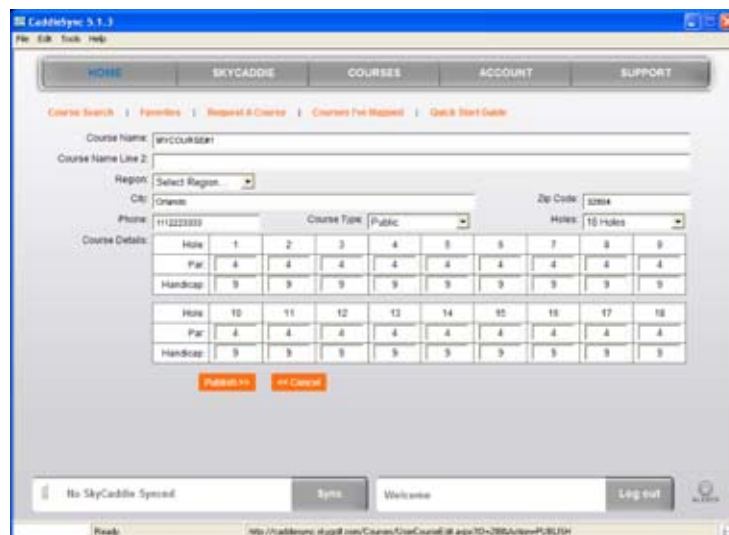


Fig. 39:
Entering Pars and Handicaps for Publishing.

CHAPTER 5

SkyCaddie Menu Items

The SkyCaddie's Main Menu is accessed by pressing the *Menu* button. The Main Menu contains a list of menu items relevant to your SkyCaddie, preference settings and more. The following list outlines the items found in the Main Menu and includes a brief description of each.

SkyCourses

Select SkyCourses to display a list of your available courses and choose a course to play. Selecting a course displays information specific to that course such as contact information, location and star rating. Choose New Course to create and record your own course. Refer to Chapter 4 for information related to creating your own course.

Demo Mode

Select this item to turn on/off the course demo mode. This option allows you to view the features of the SkyCaddie without being on an actual course or having satellite lock.

Preferences

Preferences contain a list of settings that you can adjust to fit your style of play. Scroll UP/DOWN to highlight a preference item and select. Upon selecting, a pop-up window will appear listing a set of options specific to that menu item. Scroll to the appropriate setting and select.

- **Distance:** Set distance as either Yards, Meters, Miles, or Kilometers.
- **Target Views:** Enable up to 4 different target views. Choose Standard, Graphical, Expanded or Big Number. Refer to Section 2.4.2 for information regarding Target Views.
- **Auto Hole:** Enable the Auto Hole feature to automatically advance to the next hole during play allowing for hands-free play.
- **Center Only:** Enable the Center Only feature so only the distance to the center is displayed. Once enabled, Center Only will override any previously set target views.
- **Backlight:** Adjust the brightness level of the backlight as needed by pressing the scroll pad UP/DOWN to the desired level (0-100). Choose "Select" to save the setting.
- **Theme:** Further personalize the look of the SkyCaddie software by selecting one of the available color theme options.
- **HCP / MyPar:** Allows you to set your Handicap or MyPar goal in the SkyCaddie so that the Digital Scorecard automatically adjusts according to your playing level. More information on the Digital Scorecard is available in Section 2.5 of this Guide.

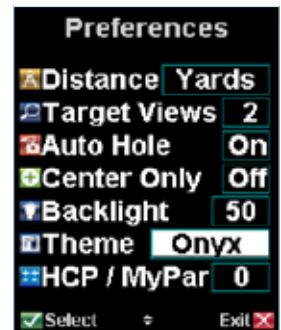


Fig. 40: Preference menu

ID/Version

Your SkyCaddie electronic serial number and software version are listed in this screen. In addition, your "Owned by" information is contained within this screen. The "Owned by" information is created by Cad-dieSync and downloaded to your SkyCaddie upon performing a Sync (formerly DirectConnect).

Advanced Menu

The Advanced Menu contains additional target settings as well as information regarding Membership, GPS and Diagnostics.

- **Member Info:** contains detail regarding your SkyPlayer Club Membership, Web ID and number of published and unpublished courses downloaded to your SkyCaddie.
- **Target Settings:** Your SkyCaddie will automatically display targets in front of you during play. You can always manually scroll back to targets behind you if needed (by pressing the Scroll Pad UP/DOWN). In addition to automatically scrolling targets, you can set your SkyCaddie to display targets at specific distances as follows:
 - **Targets Over:** adjust the SkyCaddie to display targets at set distances. Set the distance from 50 to 500 yards. The default setting is to display targets over 150 yards.
 - **Green At:** the SkyCaddie will automatically switch to the IntelliGreen view when you reach a set distance. The default to switch to IntelliGreen is 150 yards. You may adjust this setting from 50-500 yards.
 - **Targets First:** Set your SkyCaddie to display the target list from the tee first when you go to the next hole (instead of displaying the IntelliGreen). The default setting is to display the IntelliGreen first. Enable this feature to display the target list first.
 - **Green Ref:** Sometimes referred to as Pro-Front. When Green Reference is set to “Front”, a small square will appear on the IntelliGreen where the front is marked. The word “Front” will replace “Center” on target lists. The distance will be based on the Front marker.
 - **Green Tgts:** Enable this option to display additional green targets (Example: Grn-RtCy, Grn-BackRt) in the target list views. To enable, scroll to and select “Green Tgts” to open the menu item. Move the Scroll Pad to “ON” and select. A checkmark will appear next to the item you choose.

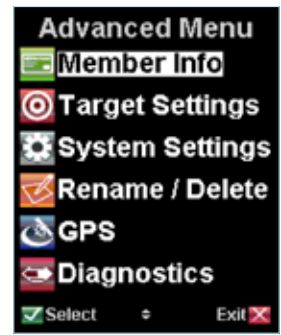


Fig. 41: Advanced Menu

System Settings

System Settings offers additional configuration specific to the operation of the SkyCaddie.

- **Auto Off:** Set the interval of time to automatically power off your SkyCaddie after no activity. Intervals are “30”/“60”/“90” minutes or “Never”. Within System Settings, scroll to “Auto Off” and select. Scroll UP/DOWN to the desired time interval and select. Upon selecting, a checkmark will be placed next to your choice and you will return to the System Settings screen.
- **Factory:** Resets settings to factory defaults.

Rename/Delete

Rename or Delete a personal SkyCaddie course. Refer to Chapter 4: Recording Your Own Course for more information about personal SkyCaddie courses.

- **Rename:** Allows you to rename personal SkyCaddie courses. See Section 4.6 for more information regarding renaming personal SkyCaddie courses
- **Delete:** Allows you to delete personal SkyCaddie courses. See Section 4.6 for more information regarding deleting personal SkyCaddie courses

GPS

The GPS menu item contains GPS information and data specific to your SkyCaddie. These items may be viewed for troubleshooting purposes while working with SkyGolf Customer Support.

- **NMEA Output:** Allows output of GPS data through the SkyCaddie data port to a computer running a GPS-compatible program.
- **Satellite Search:** This screen shows the status of the satellite signal acquisition using a graphical representation.
- **Reset:** The reset option will reset the GPS receiver. This function may be used while troubleshooting with SkyGolf Customer Support.

Diagnostics

These options may be referenced while troubleshooting with a SkyGolf Customer Support representative

- **Satellite Info:** Displays information about the satellites and their signal strength.
- **Test LCD:** Select to test the SkyCaddie LCD
- **Test Buttons:** Select to test each SkyCaddie button and its response.
- **Test Bat/USB:** Select to test the USB connection with your SkyCaddie and computer and to view details related to the battery voltage.

Power Off

Provides an alternate method to the *Center Soft Key* for powering off the SkyCaddie.

Helpful Hints

Note

The Global Positioning System (GPS) is a free service operated by the U.S. Government, which is solely responsible for its accuracy and maintenance. The SkyCaddie also utilizes a Satellite-Based Augmentation System (SBAS) to provide unsurpassed accuracy in normal conditions when used as recommended. SBAS signals are available throughout most of the United States and are being implemented in Europe and parts of Asia. Where SBAS signals are not available or hindered by hilly or mountainous terrain, the SkyCaddie's performance may not be optimal.

- **DO turn the SkyCaddie on outside, away from buildings and other obstructions.** The SkyCaddie needs to warm up approximately 5-10 minutes prior to play. For optimal performance while playing, ensure that the SkyCaddie has a clear view of the sky at all times. Avoid being around buildings, obstructions, heavy foliage, low areas with adjacent obstructions, or reflective objects (such as metal/glass structures) while using the SkyCaddie.
- **DO watch your signal strength indicator.** The higher the signal strength, the more accurate the system will be. The best signal strength is obtained in open areas, with the antenna pointing toward the sky at a 45° to 90° angle. Holding the SkyCaddie away from your body may improve signal strength in weak areas. It is normal for the satellite signal strength indicator to fluctuate as you move around the golf course.
- **DO make sure** that the SkyCaddie's battery level is full before play.
- **DO NOT use** AC chargers or USB cables that did not come with or are not authorized for use with your SkyCaddie.
- **DO NOT turn the SkyCaddie on and off during play.** The SkyCaddie is a "smart system" that continues to download data from satellites to adjust to your environment during play. Turning it on and off will interrupt satellite communication. If you take a long break at the turn, you may turn the SkyCaddie off to conserve battery power, but allow 5-10 minutes for it to return to optimal accuracy.
- **DO NOT make** any sudden or jerking movements with the SkyCaddie.
- **DO NOT expose your SkyCaddie to extreme temperatures or water.** Treat it like you would your cell phone. Do not leave your SkyCaddie in a super-heated vehicle when not in use.

APPENDIX A

Target Icons and Target Descriptors

 Back of Green	 Zone	 Hazard	 Marker
 Center of Green	 Lay Up To	 Ditch	 Water Carry
 Front of Green	 Fairway Target	 Mound	 Water
 Green	 End of Fairway	 To	 Creek
 Bunker Right Carry	 Bunker	 Upslope	 Out of Bounds
 Bunker Right	 Bunker in Fairway	 Downslope	 Tree
 Bunker Left Carry	 Bunker Left	 Leaves	 Pro Front

Target Name	Target Descriptor	Target Name	Target Descriptor	Target Name	Target Descriptor
Green	Gn	Leaves	Lv	Black	Blk
Plate	Plt	Last	Lst	Orange	Orng
Fairway Target	FT	Point	Pnt	Yellow	Ylw
End of Fairway	EoF	Pond	Pnd	Gold	Gld
Fairway	Fwy	Path	Pth	False	Flse
Bunker Right	BkrRt	Bush	Bsh	Pole	Pol
Bunker Left	BkrLt	Range	Rng	Sign	Sgn
Bunker	Bkr	Hole	Hle	LayUpTo	LayUp
Carry	Cy	Marsh	Mrsh	Dogleg	DogLg
Creek	Crk	Sprinker	Sp	Target	Trgt
Mound	Mnd	Water Cooler	Wtrclr	Stone	Stn
Upslope	UpSlp	Water	Wtr	Front	Frt
Downslope	DnSlp	Bridge	Brdg	Left	Lt
Tee	T	Post	Pst	Right	Rt
PopUp	PU	Over	Ovr	Center	Ctr
BallWasher	Bwash	Island	Islnd	Middle	Ctr
Bottom	Btm	Flag	Flg	Marker	Mkr
Disc	Dsc	White	Wht		

APPENDIX B

SkyCaddie Membership Benefit Comparison*

Do I Need a Membership Plan to Play With SkyCaddie?

No, although we highly recommend it. The optional annual Membership Plan unleashes the full potential of your SkyCaddie. Through a Plan, a Member receives access to our unmatched library of professional, precision ground-mapped courses, green outlines, automatic course updates, software updates, enhanced security features, and exclusive web content.

	Register Only	Birdie	Eagle	Double Eagle
Region Covered	N/A	State**	Country	World
Number of SkyCourse downloads in Plan	0	Unlimited	Unlimited	Unlimited
Membership Plan term	0	1 Year	1 Year	1 Year
Basic Green Targets: Front, Center, & Back	Only if user maps a course	X	X	X
Distances up to 40 targets per hole		X	X	X
IntelliGreen® Technology		X	X	X
Upgradeable		X	X	X
Access to professionally-mapped courses		X	X	X
Access to course and software updates		X	X	X
Maximum number of published SkyCourses stored on the SkyCaddie	0	20	20	20
Maximum number of user-recorded courses stored in CaddieSync	0	Unlimited	Unlimited	Unlimited
Maximum number of user-recorded courses stored on the SkyCaddie	5	5	5	5

* See the membership area of www.skygolf.com for latest information.

** Birdie members may add an additional state to their plan for a fee. Log into CaddieSync for details.

APPENDIX C
Target Examples

These examples illustrate the kinds of targets you would see on the SkyCaddie.

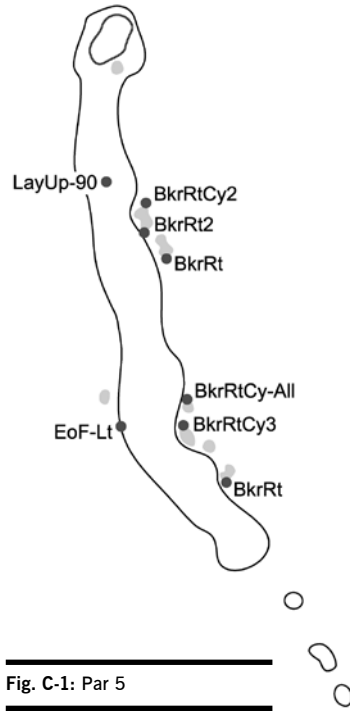


Fig. C-1: Par 5

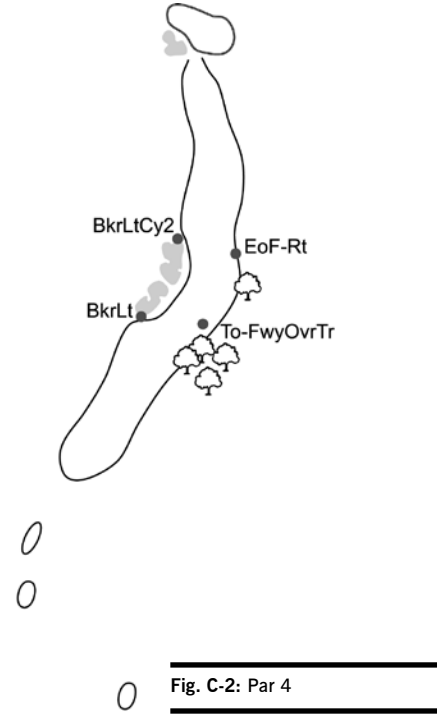


Fig. C-2: Par 4

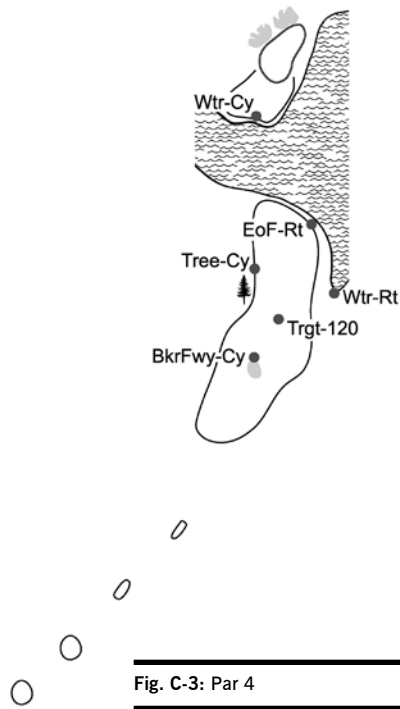


Fig. C-3: Par 4

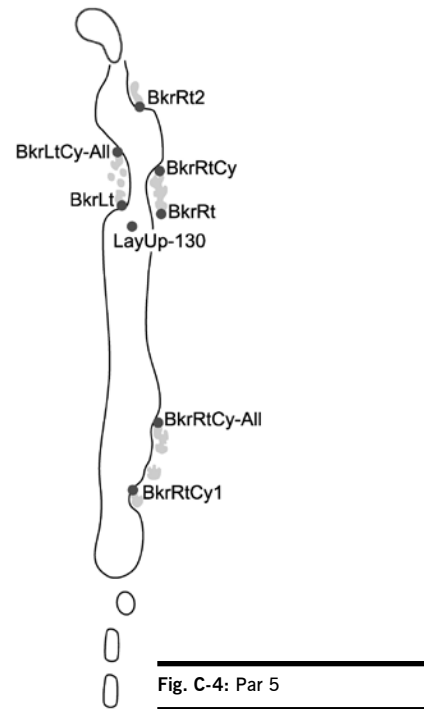


Fig. C-4: Par 5

U.S. Federal Communications Commission Regulatory Agency Compliance

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 interferences received, including interference that may cause undesired operation.

NOTICE: The FCC warns that user modifications of this device without the express approval of SkyHawke Technologies could void the user's authority to operate this device.

Canadian Regulatory Agency Compliance

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the interference causing equipment standard entitled: "Digital Apparatus", ICES-003 of Industry Canada

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Please register your SkyCaddie at www.skygolf.com using CaddieSync within 30 days of purchase to activate your Consumer Limited Warranty.

Questions? Visit us on the web at www.skygolf.com

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