



**ERNESTSPORTS®**



ESB1 User Manual

## Positioning the ESB1

Correct ball placement is important for the most accurate measurements.

Place the ball 5ft directly in front of the ESB1. Use this as the center of your hitting area with the total hitting area being 1ft wide and from 4ft to 6ft in front of the unit.



## Selecting a Club

When powered on, the display shows the club currently selected. To change clubs, use the buttons or press the club button in the app to bring up the Club/Loft selection page. Make your selection and press send.

Club notations are as follows:

CODE	CLUB	CODE	CLUB
D WD	Driver	4 IR	4 Iron
3 WD	3 Wood	5 IR	5 Iron
5 WD	5 Wood	6 IR	6 Iron
7 WD	7 Wood	7 IR	7 Iron
2 HYB	2 Hybrid	8 IR	8 Iron
3 HYB	3 Hybrid	9 IR	9 Iron
4 HYB	4 Hybrid	P WDG	Pitching Wedge
5 HYB	5 Hybrid	G WDG	Gap Wedge
2 IR	2 Iron	S WDG	Sand Wedge
3 IR	3 Iron	L WDG	Lob Wedge



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## Programming

When powered on, press the button to enter Program mode. Once in Program mode, use the and buttons to switch between settings.

**To Change Altitude** – With ALT displayed, press the button. The current altitude setting flashes. Using the buttons, change to the desired altitude. Press the button to save your selection.

**BAT** – gives the current battery voltage which can help you know when to recharge. Typical range is from 8.2 – 6.5. The low battery indicator will come on below 7.1.

**To Program Idle Timer** - With IDL displayed, press the button. The number will begin flashing. Use the buttons to select how many minutes of idle time before unit shuts down. Press the button to save your selection.

## Programming (cont.)

**To Select Yards or Meters** – With UNT displayed, press the button. The current distance setting will flash. Use the buttons to select YRD or MTR. Press the button to save your selection.

**To Program Timer for Screen 1** - With TMR displayed, press the button. The number will begin flashing. Use the buttons to select how many seconds Screen 1 will display before switching to Screen 2. Press the button to save your selection.

**To Program Loft** – With BAG displayed, press the button. The current club will flash. Use the buttons to select the club to program. Press the button again. The current degree setting will flash. Use the buttons to select the loft degree. Press the button to save your selection.

**BTN** – Adds a dash and number to the Bluetooth name. At 00, the name that is seen is ESB1. Example: set to 87, the name seen will be ESB1 – 87.

## Programming (cont.)

**SN** – Is the serial number and cannot be changed.

**CAL** – Is for expansion and is not currently used.

**PAS** - is the Personal Adjustment Setting. You can adjust the distance of the shot by +9 to -9 percent for each club. With PAS selected press the button. The current club will flash. Use the buttons to select the club to program. Press the button again. The current setting will flash. Use the buttons to select the percentage of adjustment. Press the button to save

**To Reset to Default Settings** - With RST displayed, press the button. RST will begin to flash slowly. Press the button (RST will begin to flash faster) and now press the button. Display will stop flashing.

**MDE 1** – Is normally set to 0. It may be changed to 1 to help pickup softer shots, but should be switched back to 0 for most shots.

**VER** – gives the current Firmware version.

## ESB1 App

Download the free ESB1 app by searching ESB1 from the App Store™.



**Apple Connecting:**

Option 1:

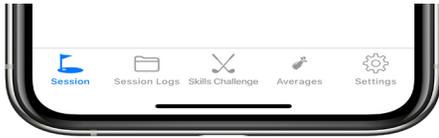
On your Apple® device, go to Settings then Bluetooth. Turn Bluetooth ON. The ESB1 will appear. Select ESB1 to connect.

Option 2:

If no Bluetooth connection is active after starting a new Range Session a Select An Accessory window will appear. Simply select ESB1.



## Navigating Screens



Use the tab bar at the bottom of the screen to access different parts of the app.

**Session** – Start a new range session or join a saved session.

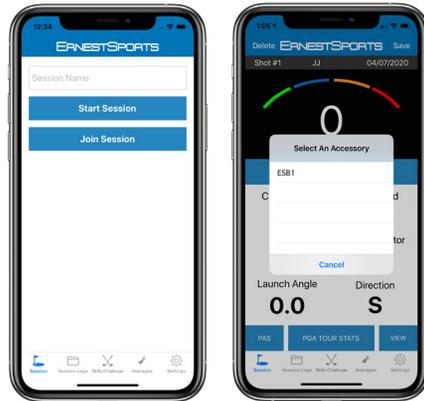
**Session Logs** – View data from previously recorded sessions.

**Skills Challenge** - Game that provides target distance and gives points for proximity to distance.

**Averages** – View averages of all statistical information for each club.

**Settings** – Change settings for Averages, Units, Distance Type and Links.

## Start Session



Name Session and press **Start Session** or **Join Session** to open a saved session. The **Select An Accessory** window will come up if Bluetooth connection isn't active.

Place device on the ground (see Positioning the ESB1).

## Session Main View



Select your club from the app using the club button. Choose club and loft and press **Send**.

**PGA Tour Stats** lets you choose PGA or LPGA stats to be shown in red next to your numbers. (Stats not available for all clubs)

Pressing **View** will bring you to the **List View**.

**Delete** will remove the current shot.

Once finished, choose **Save** to end session.

## Session List View

**List View** displays a scrolling list of all shot info from a session.

Pressing view again will bring you to the **Simulation View**.



## Session Simulation View

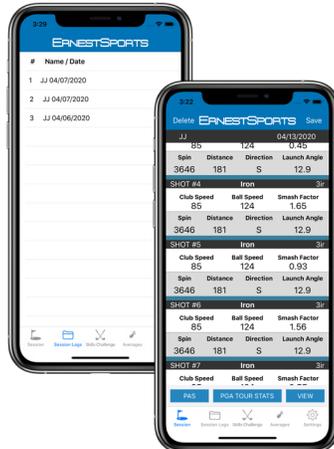
Displays an animated view of ball flight in addition to data from the current shot.

To go back to Main View, press the view button again.



## Session Logs

From the **Session Logs** screen you can select saved Sessions to view, edit, email or delete.



## Averages

From the **Averages** screen, select a club to view that club's stats. These stats include Club Speed, Ball Speed, Smash Factor, Launch Angle, Spin Rate and Distance.



## Skills Challenge

Select **Start** and pick from Even, Odd, Junior or Random yardage.

Choose a club for the current target distance which will be displayed under **Target**. Select the Club button to change Club and Loft or change your club on the ESB1.

The last 8 sessions can be viewed by selecting **Sessions**. Choose a session, and select **OK**.

