



ERNESTSPORTS®



ESB1 User Manual



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:

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



Programming

When powered on, press the  button to enter Program mode. Once in Program mode, use the   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.

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.

BTN – Adds a dash and number to the Bluetooth name. At 00, the unit will read “ESB1”. Example: set to 87, the unit will read “ESB1 – 87”.

SN – Is the serial number and cannot be changed.

CAL – Is for expansion and is not currently used.

Programming (cont.)

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.

ES Range App

Download the free ES Range app by searching ES Range from the App Store™.



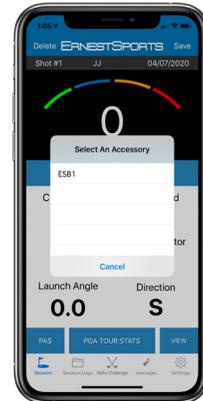
Apple Connecting:

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 an new Range Session a Select An Accessory window will appear. Simply select



Navigating Screens

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

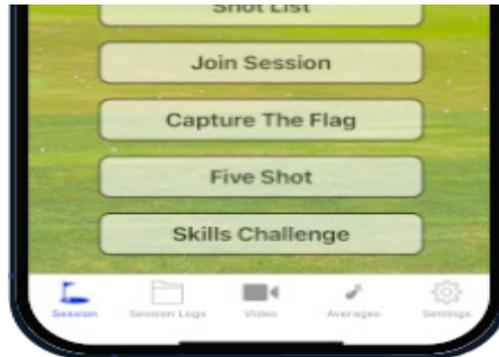
Session – Start a new range session or join a saved session.

Session Logs – View data from previously recorded sessions.

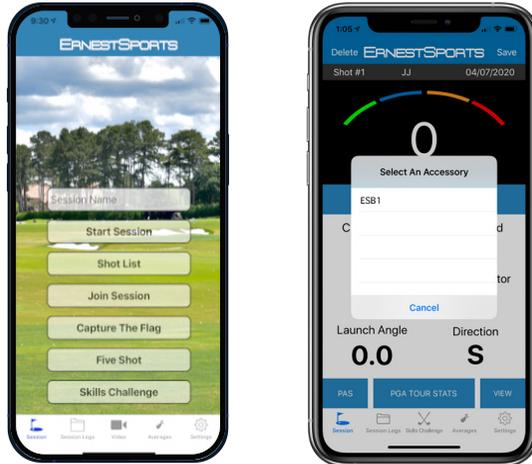
Video- Record your swing with data points rendered on final video.

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

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



Start Session



Name Session or press Start Session and it defaults to date/time stamp. You can also 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 Logs

From the Session Logs screen you can select saved Sessions to view, edit, email or delete. the shot data from the Range Session.



Video



Set front/back camera
Indoor/Outdoor Mode

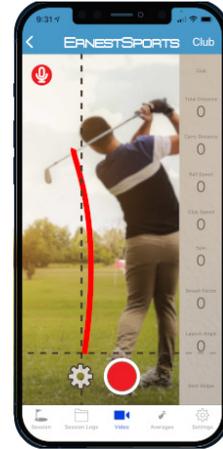
Select resolution
Select frame rate



Indoor Mode will render the data points to the final video.

Voice Commands:

- Club selection
- “start recording”



Outdoor Mode will render the data points and user assisted shot direction to the final video.

Voice Commands:

- Club selection
- “start recording”
- Direction

Skills Challenge

Select Start and pick from several range options (see fig A)

Club selection can be done by voice command or by pressing “club” in the upper right hand corner.

* if using iPhone, you can tell the mic is on my looking for the red pin light.

When this symbol appears, then voice command is available

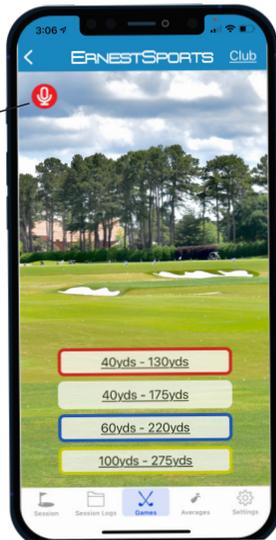


Fig A

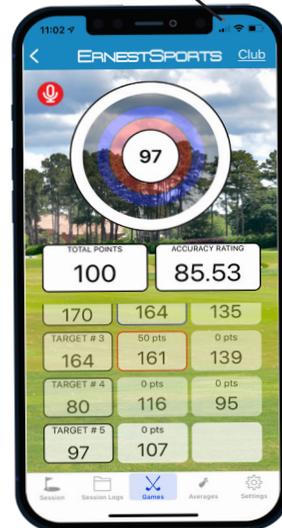
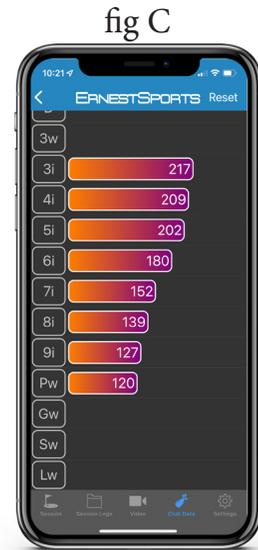
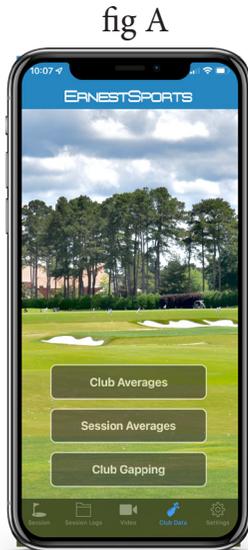


Fig B

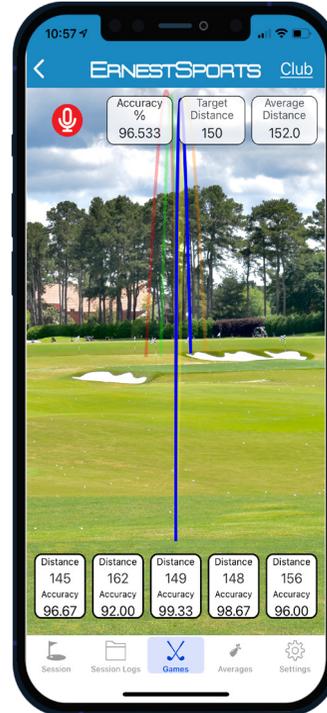
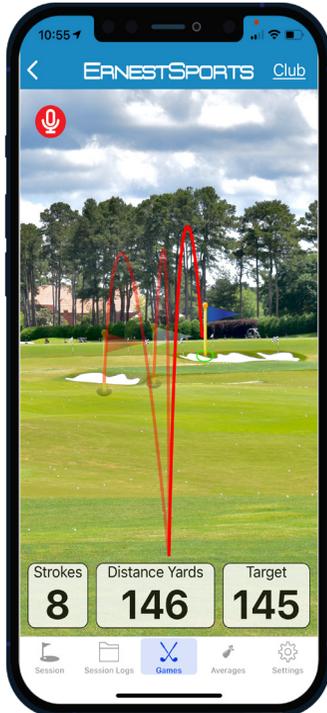
Averages

From the Club Data screen (fig A), select which view. From there you can view individual club averages from all sessions or individual sessions (fig b). You can also view your club gapping which is pulled from all sessions. (fig c)



Other Games

Capture the flag and Five shot are also available on the range app



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