



ITEM NO.: T1832W
CPSIA#2 - T1832W - ET

SENSORSCORE 2.0

**SENSOR-ACTIVATED
SCORING SYSTEM**

Please Do Not Return This Product To The Store!

Contact Escalade Sports Customer Service Department at:

Phone: 1-800-467-1421 Toll-Free!

Mailing Address (correspondence only):

Escalade Sports

PO Box 889

Evansville, Indiana 47706-0889

E-mail: customerservice@escaladesports.com

Physical Location:

Escalade Sports

817 Maxwell Ave.

Evansville, Indiana 47711

Please provide model number and / or part number of the product and / or part when you call or write. These numbers can be found on the product, packaging, and/or in this Owner's Manual

SensorScore™ Installation & User Manual

Thank you for purchasing the SensorScore™ Table Tennis Scoring System! Follow these step-by-step instructions to properly install, test, calibrate, and operate your system.

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SAFETY INSTRUCTIONS

• Read this manual carefully before starting assembly. Read each step completely before beginning each step.

**CAUTION:**

READ ASSEMBLY, OPERATING AND SAFETY INSTRUCTIONS CAREFULLY!

Safety Warnings

- WARNING: Please retain this information for future reference.
- WARNING! Choking Hazard: This product contains small parts and is not suitable for children under three years old.
- WARNING! Do not use any accessories other than those provided in the accessories pack with this product.
- Colors and contents may vary from those shown on the packaging or this instruction manual.
- Remove all packaging materials before giving the product to a child.

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 connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

"CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment."

NOTE:

- Response Time: There is a reaction time required for software and hardware.
- Interference: External radio waves (e.g., lightning) may cause malfunctions; in such cases, the game needs to be reset by turning off the power and restarting.

Mounting Tips:

1. Read this manual carefully before starting the mounting process.
2. Check all packaging for parts before mounting.
3. Take time to view each mounting diagram.
4. **Save the instruction manual in the event that the manufacturer has to be contacted for replacement parts.**

UNPACKING THE PRODUCT

Unpack your new SensorScore™ carefully, making sure all parts are included. The following components (as listed on **PART IDENTIFIER** on **page 5**) are included in this set:

- 1 SensorScore™ main unit.
- 1 Junction Box.
- 2 Top Sensors.
- 1 Net Sensor.
- Extension Cable.
- Cable clips.
- Mounting Screws.
- Top Sensor Drill Template Sticker
- This Instruction Manual

If any items are missing or damaged, please contact your retailer or the manufacturer immediately.

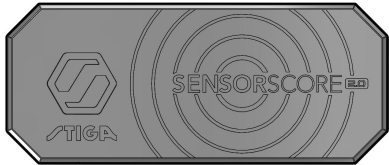
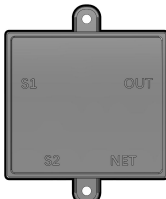
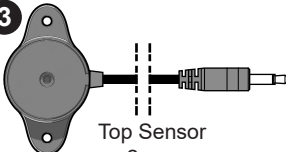
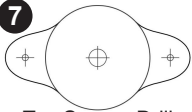
To download the app and get started, visit the link below. You'll also find setup guides, features, and full product details:

<https://www.stiga.us.com/pages/sensorscore>



or scan following QR code:

PARTS IDENTIFIER

1  SENSORSCORE™ Main Unit 1 pc	2  Junction Box 1 pc		
3  Top Sensor 2 pcs	4  Net Sensor 1 pc	5  Extension Cable 1 pc	
6  TRRS Cable 1 pc	7  Top Sensor Drill Template Sticker 2 pcs	8  3.5x10 mm Mounting Screw 6 pcs	9  Wire Clip 8 pcs

T1832 PART LIST

No.	Part No.	Description	Qty.
1.	T1832-A	SensorScore™ Main Unit	1
2.	T1832-B	Junction Box	1
3.	T1832-C	Top Sensor	2
4.	T1832-D	Net Sensor	1
5.	T1832-E	Extension Cable	1
6.	T1832-F	TRRS Cable	1
7.	T1832-G	Top Sensor Drill Template Sticker	2
8	T1832-H	3.5 x 10 mm Mounting Screw	6
9	T1832-I	Wire Clip	8



TOOLS REQUIRED FOR ASSEMBLY:

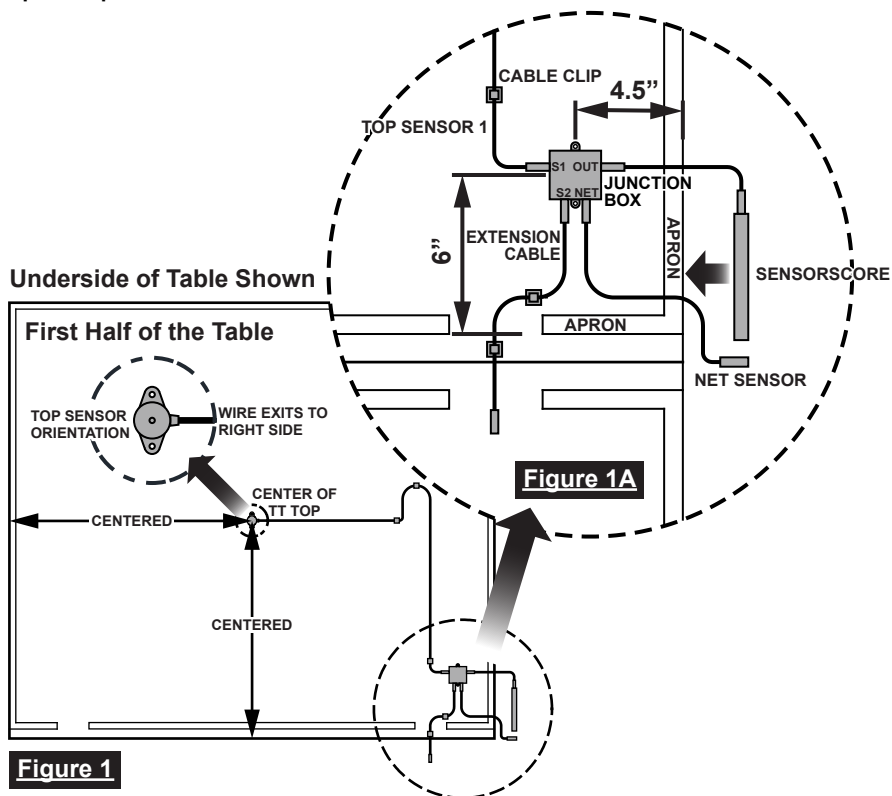
- SensorScore™ Kit (Sensors, Junction Box, Templates, Net Sensor, Cable Clips).
- Power drill equipped with a 1/16-inch drill bit.
- Screwdriver.
- Measuring tape & pencil / marker.
- Rubbing alcohol and a clean cloth (optional, for surface prep).

IMPORTANT: When drilling the pilot holes into your table tennis table, be extremely careful to drill very shallow holes. If you drill too deeply, you will puncture through to the playing surface on the other side.



Section 1: Installation

Step 1: Prepare the Table and Find Center



1. Close the first half of your table tennis table so it is in storage position.
2. Using a measurement tape, measure the width and length to determine a rough center point.
(Example: For a table section measuring 60 inches x 54 inches, measure 30 inches inward and 27 inches from the bottom to locate the center).
3. Mark the center point clearly with a marker or pencil so it is visible for the next step.

Step 2: Mount Sensor 1

1. Take one of the provided alignment template stickers and peel off the backing.
2. Align the sticker directly over your center mark through sticker's center hole, ensuring the pilot hole guides face the **top and bottom** of the table half. (*Note: A slight variance off-center will not affect system performance*).
3. Using your drill and the 1/16-inch drill bit, gently drill 2 very shallow pilot holes through the template guides.
4. Remove and discard the template sticker.
5. Place the sensor over the pilot holes, positioning it so the **wire exits toward the right side** of the table.
6. Secure the sensor using a screwdriver and 2 mounting screws. Tighten until the sensor is pulled firmly against the bottom of the table, being careful not to strip the screws.
7. Route the sensor wire toward the right side of the table half, where the control box will reside.

Step 3: Mount the Junction Box

1. Locate the mounting area near the right edge of the table half. You want to align it **4.5 inches inward from the side edge** and **6 inches upward from the end of the apron**.
2. Position the junction box so that the "Out" port faces toward the outside of the table.
3. Mark the mounting holes, drill shallow pilot holes, and screw the junction box securely to the underside of the table using 2 mounting screws.
4. Connect the main sensor cable into the S1 port on the junction box.

Step 4: Cable Management

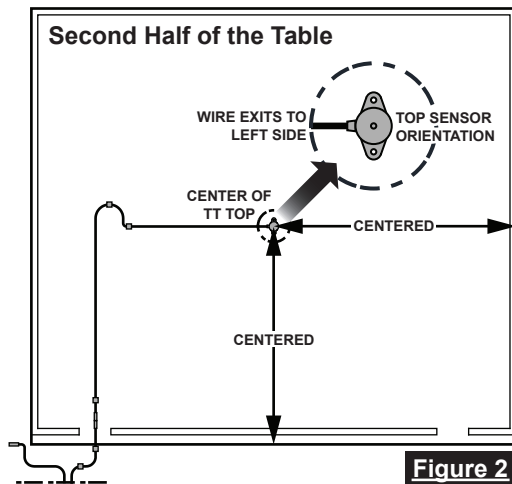
1. Prep the underside table surface by wiping it down with a cloth (and rubbing alcohol if necessary) to remove dust or manufacturing oils.
2. Secure the dangling cables tightly against the table bottom using the provided adhesive wire clips.
3. Route cable as shown in **Figure 1**. Secure 1 clip near the sensor, 1 near the junction box, and an additional clip in the middle to prevent sagging. Press firmly on each clip to ensure proper adhesion.
4. Connect the Sensor 1 Extension Cable into the appropriate port. Ensure it hangs roughly **3 to 4 inches off the bottom edge** of the table to allow for folding clearance. Secure its slack with a clip. Please see **Figure 1A**.
5. Plug the net sensor cable into the port labeled "Net". Let it hang freely for now. Please see **Figure 1A**.

Step 5: Find Center and Drill

1. Open the second half of the table tennis table and lock it in place.
2. Repeat the measurement process, measure 27 inches up from the bottom edge and 30 inches inward from the side to locate the exact center point. Mark it clearly.
3. Apply the second template sticker to the center mark through the sticker's center hole.
4. Carefully drill your shallow pilot holes using the 1/16-inch drill bit, and remove the sticker.

Step 6: Mount Sensor 2

Underside of Table Shown



1. Position the sensor over the holes, ensuring the wire exits toward the **left side** this time. This guarantees that both sensor wires will align on the same side of the table when the halves are brought together.
2. Secure the sensor firmly with 2 mounting screws. Tighten until the sensor is pulled firmly against the bottom of the table, being careful not to strip the screws.

Step 7: Manage the Second Cable Run

1. Wipe the underside of the table clean.
2. Leave the connecting end of the wire hanging a few inches off the bottom edge of the table (to pair with the extension cable from the first half). Secure it near the edge with a wire clip.
3. Clean the remaining path and secure the rest of the cable slack firmly against the table top using your remaining wire clips spaced evenly across the center. Route cable as shown in **Figure 2**.

Step 8: Connect the Table Halves

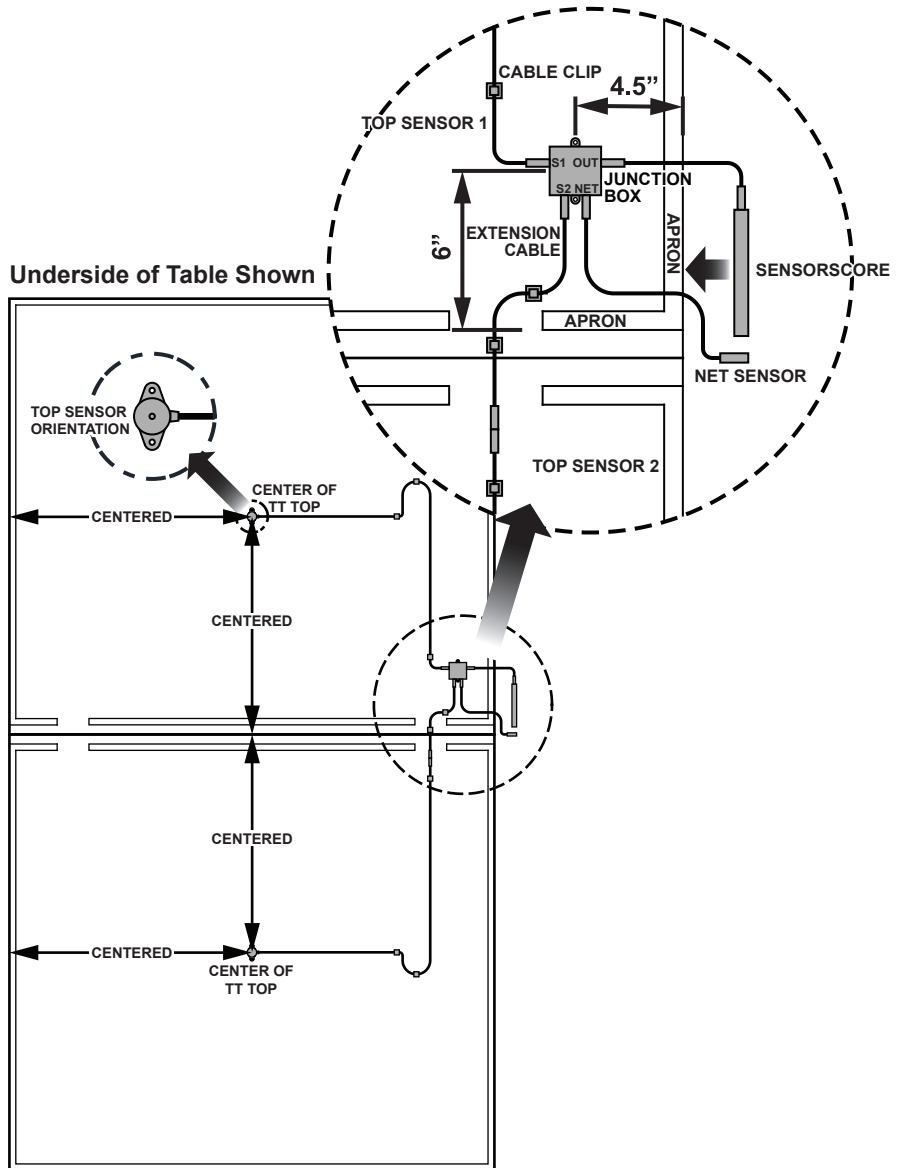
1. Bring the 2 table halves together into their standard playing position.
2. Reach underneath the center gap and plug the connection wire from the second half into the extension wire coming from the first half.
3. Push the 2 table halves completely together.

Step 9: Mount the Control & Net Sensors

1. Plug the main connection wire into the **"Out"** port of the junction box. Leaves the remaining length hanging out to reach the control box.
2. Connect the wire to the control box. The control box features a magnetized backing – simply snap it onto the metal framing on the side edge of your table.
3. Set up your table tennis net as you normally would.
4. Take the Net Sensor and attach its clip directly onto the net fabric, positioned **close to the side edge of the table**.

NOTE: Please refer all sensors installation and cable routing Diagram below.

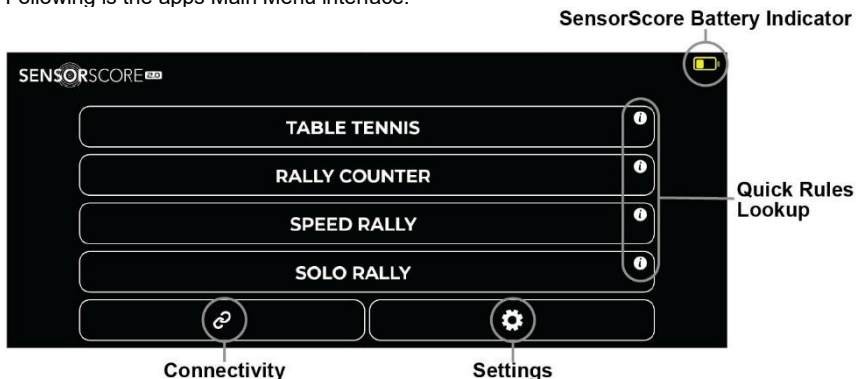
Sensors Installation & Cable Routing Diagram



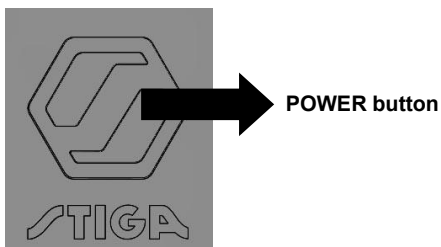
Section 2: App Setup & Calibration

Connecting Your Device

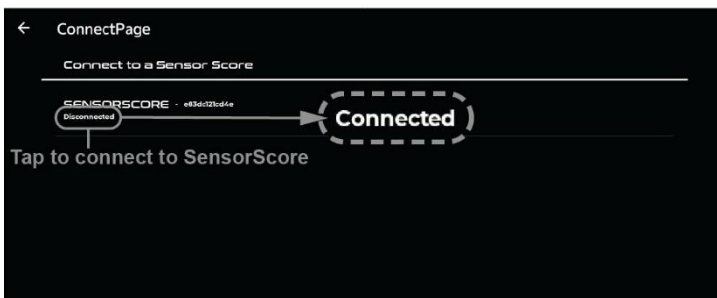
1. Download and install the SensorScore™ app to your tablet or mobile device and open it. Following is the app's Main Menu interface:



2. Power ON your physical SensorScore™ hardware box.



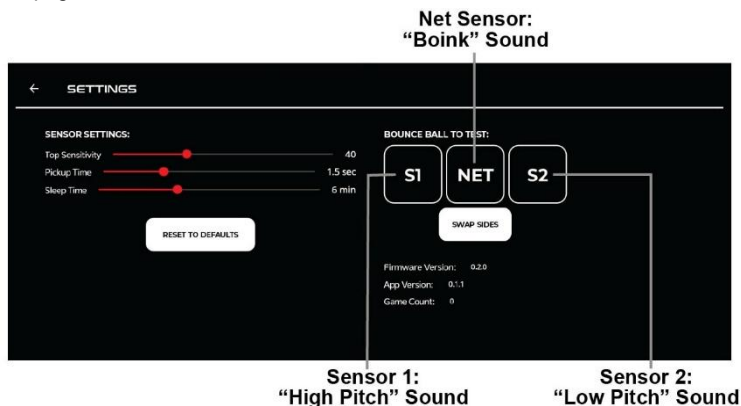
3. **NOTE:** Make sure Bluetooth connectivity in your mobile device is turn-ON. Tap "**Settings**" and tap connection tab. After connected, the device will sync automatically return you to Main Menu.



When disconnected, light indicator on the button is flashing in blue light. When connected, light indicator is light-up in blue light.

System Diagnostic & Testing

To ensure all sensors are sensing accurately, tap **"Settings"** (Gear Icon) to open the settings menu page. You will see active indicators for Sensor 1, Net, and Sensor 2.



Perform the following manual check:

- Bounce a ball on Side 1: Verify the apps registers a hit under *Sensor 1*. **"High pitch"** sound will sound.
- Bounce a ball on Side 2: Verify the apps registers a hit under *Sensor 2*. **"Low pitch"** sound will sound.
- Tap or flick the net: Verify the apps registers a hit under the *Net Sensor*. **"Boink"** sound will sound.

If the sensors don't register properly, see the Troubleshooting section at the end of this manual.

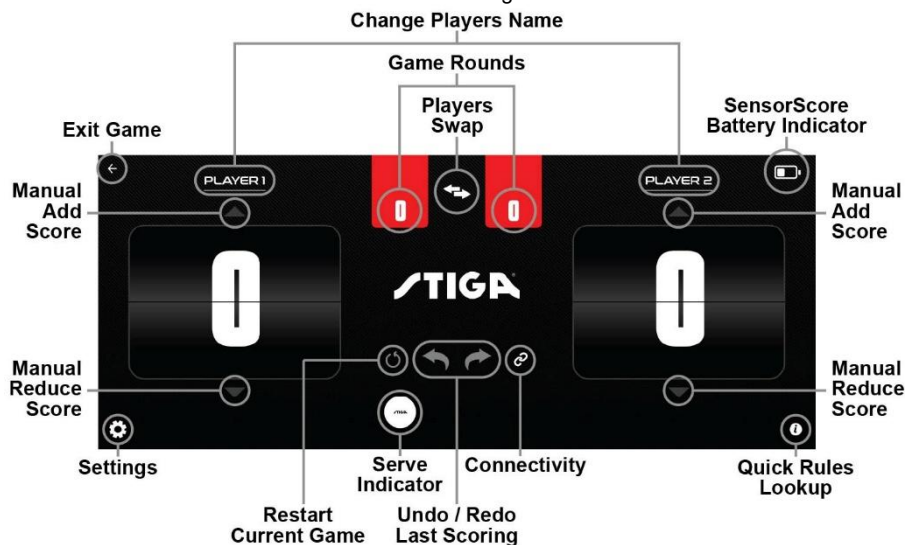


Section 3: Apps Features & Game Modes

The SensorScore™ app comes equipped with 4 games modes.

Game Modes

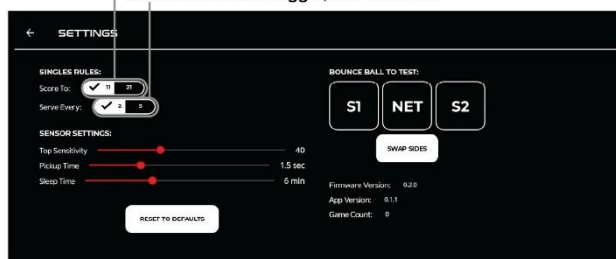
- **Standard Table Tennis:** Traditional match scoring.



- **Custom Score Limits:** Toggle matches to play up to 11 or 21 points in the settings.
- **Adjustable Service Rotation:** Tap Settings to enter menu to swap servers every 2 or 5 serves. (Standard singles play defaults to 11 points with rotations every 2 serves, while doubles typically utilizes 21 points and 5 serves).

Score Limit Toggle, 11 or 21 points

Service Rotation Toggle, 2 or 5 serves



- **Custom Player Names:** Touch either player's default name on screen to type in a custom name.
- **Swap Player Button:** Swap players on-screen with the swap button.
- **Manual Scoring:** Use manual score overrides (up/down arrows) to manually change the score.
- **Match Tracker:** Match trackers (match flags at the top) show the match progress.
- **Quick Rules Lookup:** Tap the rules icon for instant access to official table tennis rules and quick-play guides.

- **Rally Counter:** Perfect for cooperative practice or just for fun. This mode tracks consecutive hits starting from 0 to see how long you can sustain a single volley.
- **Speed Rally:** A high-speed variant of the Rally Counter that actively registers tempo, calculating both your current Volleys-Per-Minute (VPM) and your peak/maximum VPM to grade your pace.
- **Solo Rally (Playback Mode):** A single-player practice routine optimized for solo play against a folded table.

Hardware Configuration for Solo Playback Mode

To set up your table tennis table for Solo Playback training, follow these structural adjustments:

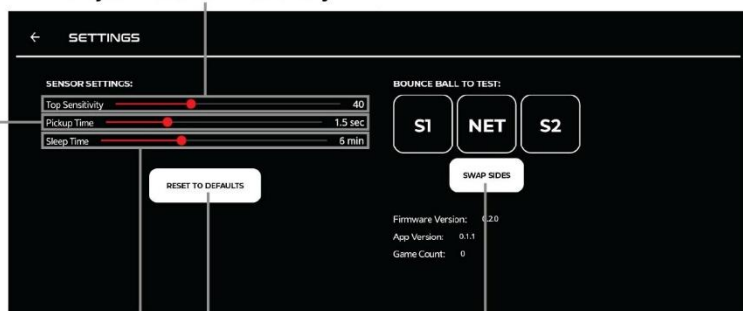
1. Slide your table tennis net completely to one side of the table (ensuring it is secured to the side half that has control box mounted on it).
2. Unfold and fold the opposite half of your table tennis table upward into its vertical playback position. Disconnect the center connection wire first, allowing it to hang freely.
3. Underneath the flat, playable half of the table, unclip the sensor cable from its center wire clips to release the cable's extra slack, and pull it out fully.
4. Bring the folded vertical table half close enough so that the extended cable can connect directly to the sensor cable exiting the upright half.
5. Launch the SensorScore™ app, select **Solo Rally**, tap **Continue**, and start your solo practice session!



Configuration & Sensitivity Adjustment

The Settings dashboard allows you to fully customize how your table registers gameplay:

Adjust Sensors Sensitivity



Adjust time to put SensorScore to sleep

Adjust time interval between last scoring & next serve

- **Orientation (Swap Sides):** If you place your tablet on the opposite side of the table, your left and right sides will be reversed. Tap **Swap Sides** to invert *Sensor 1* and *Sensor 2* tracking so the screen matches your physical perspective.
- **Missed Ball Bounces:** If the app is failing to register standard ball impacts, increase the system responsiveness using the **Top Sensitivity** slider. (Note: *Thicker table tops may require higher sensitivity*).

- **False Triggers (Room Noise):** If ambient environmental sounds (e.g., loud music, barking dogs) are causing accidental hits, lower the sensitivity slider. *Find a balanced median so you do not accidentally stop registering light ball bounces.*
- **Pickup Time:** Adjust how much time the system gives you to retrieve a ball between points before play resumes. This defaults to a calculated sweet spot of 1.5 seconds but can be manually dialed up or down.
- **System Reset:** To clear all custom calibrations, tap **Reset to Factory Defaults**.
- **Power Management (Sleep Mode):** The system automatically stays awake as long as it actively detects gameplay signals. You can adjust the **Sleep Time** limits within the app to dictate how quickly the hardware shuts down during periods of inactivity. If the device falls asleep, simply tap **Connect**, power the hardware unit back on, and hit reconnect.

Section 4: Charging your SensorScore™ Device

- You can charge SensorScore™ main unit using a standard USB-C phone charge (Not-included).
- Connect the charge to the USB port on the main unit for charging.
- LED indicator in power button during charging:
 - **Red LED** light-up during charging and device not in used.
 - **Red LED & blue LED** light-up together when device is in used while charging.
 - **Green LED** light-up when device is fully charged.
 - **Green LED & blue LED** light-up together when device is in used while battery is fully charged but the charger still plugged to the power outlet.
- Unplug the USB port from the device and power outlet after charging completed to preserve the battery health.

Troubleshooting

Symptom	Probable Cause	Corrective Action
Hits register on the wrong side of the screen.	Table orientation is reversed.	Open the app settings and select Swap Sides .
One or both sensors are completely unresponsive or erratic.	Loose wiring connections.	Check your plugs. Ensure all auxiliary cables underneath the table are pushed entirely and firmly into their respective ports. A loose connection is the #1 cause of sensor failure
Fails to register hits (missed ball bounces).	Sensitivity threshold is set too low.	Raise the Top Sensitivity slider incrementally until ball bounces register consistently.
Ambient noise causes false hits.	Sensitivity threshold is set too high.	Lower the Top Sensitivity slider incrementally until background noise ceases to trigger the system.

LIMITED WARRANTY

Escalade®Sports (the Company) warrants the Product to be free from defects in workmanship and materials under normal use and conditions **FOR A PERIOD OF 90 DAYS FROM THE DATE OF ORIGINAL PURCHASE** in the United States and Canada.

Product Registration Card

The Product Registration Card must be filled out completely and mailed to the Company at the address printed on the card within 10 days from the date of your purchase of the Product.

What Is Covered

Except as provided below, this Limited Warranty covers all defects in materials and workmanship. This Limited Warranty is void if the Product is:

- Damaged through improper usage, negligence, misuse, abuse, transportation damage, acts of nature, or accident (including failure to follow the instructions supplied with the Product)
- Used in commercial applications or rentals
- Modified or repaired by anyone not authorized by the Company

What Is Not Covered

This Limited Warranty does not cover:

- Any expendable items such as batteries, light bulbs, fuses, accessories, cosmetic parts, tools and other items that wear out.
- due to normal usage. Any costs you may incur for delivery, installation, assembly or transport of your product.

What The Company Will Pay For

If during the Limited Warranty period, any part or component of the Product is found by the Company to be defective, the Company will, at its option, repair the Product, replace the Product with a new Product (either the same or an equivalent model) or cause the original retailer of the Product to exchange the Product with a new Product (either the same or an equivalent model) or refund the original purchase price of the Product, without charge for labor or parts. The Company's obligation to repair, replace or exchange the Product, however, shall be limited to the amount of the original purchase price of the Product.

How To Obtain Warranty Service

In order to enforce your rights under this Limited Warranty, you must follow these procedures:

- You must have completed and mailed the Product Registration Card to the Company within 10 days of purchase of the Product.
- You must include THE ORIGINAL COPY OF YOUR SALES RECEIPT.
- You must call the Company's Consumer Service Department at **1-800-467-1421** from 9:00 A.M. to 5:00 P.M. (EST) to notify the Company of the nature of the problem.
- If you are instructed to return the Product to the Company for servicing, you are responsible for shipping the Product, at your expense, to the address designated by the Company in packaging that will protect against further damage.
- You must also include your name, address, daytime telephone number, model number of the Product and a description of the problem.

THIS LIMITED WARRANTY IS AVAILABLE ONLY TO THE ORIGINAL PURCHASER OF THE PRODUCT AND IS VALID IN THE UNITED STATES AND CANADA ONLY.

THE COMPANY'S LIABILITY IS LIMITED TO THE REPAIR OR REPLACEMENT, AT ITS OPTION, OF ANY DEFECTIVE PRODUCT AND SHALL NOT INCLUDE ANY LIABILITY FOR INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND.

THIS WARRANTY IS EXPRESSLY MADE IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED.

SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR DO NOT ALLOW FOR EXCLUSION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES. TO THAT EXTENT, THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

This Limited Warranty gives you specific legal rights, but you may also have other rights that vary from state to state.

If you have questions regarding this Limited Warranty or the operation of the Product, you may call or write us:

Consumer Service Department
817 Maxwell Ave.
Evansville, IN 47711
1-800-467-1421
www.escaladesports.com

