

USER MANUAL

BALANCE OPTIX

Important: Read before using.



WELCOME

BUILD YOUR SWING FROM THE GROUND UP

Balance Optix™ is Uneekor's first Biomechanical trainer that provides real-time balance and center of pressure data to help you better understand your swing. Integrated with our popular View Software, players easily pair **Balance Optix** with **Swing Optix™** cameras to see a live visual representation of their weight transfer. With an easy-to-read, pressure bar and foot heat map interface, you can now analyze your swing in a whole new way.

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To Ensure Safe Use

Improper handling or operation of this machine may result in injury or damage to property. Points which must be observed to prevent injury or damage are described as follows.

 WARNING	Used for instructions intended to alert the user to the risk of severe injury should the unit be used improperly.
 CAUTION	Used for instructions intended to alert the user to the risk of injury or material damage should the unit be used improperly. Material damage refers to damage to home, furnishing, or anything within the unit's vicinity.
 NEVER	This symbol alerts the user to items that should never be carried out.

To Ensure Safe Use - Cont



WARNING!

	<p>Install in a level and stable location. Failure to do so may result in falling, leading to injury.</p>
	<p>Never attempt to disassemble, repair, or modify. Entrust repairs to a trained technician.</p>
	<p>Never use outside or in any location where exposure to water or high humidity may occur. Do not touch the power cord or electrical outlet with wet or dirty hands. Doing so may result in electrical shock.</p>
	<p>Conduct play in a clean and brightly lit location. Operating in a dark or cluttered space may lead to accidents.</p>
	<p>Be aware of your surroundings and use cautiously with children around. Swinging the club during play without being aware will result in serious injury or death.</p>

What's Included

The following items are included. Make sure they are all present and accounted for.



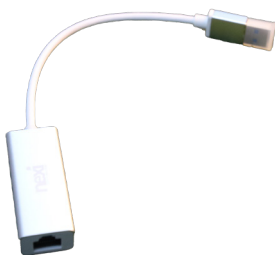
Balance Optix Mat



USB Cable



Ethernet Cable



USB to Ethernet Cable



Charging Block

What's Included



Once you open your Balance Optix box you will see the following items wrapped and prepared for shipping.

In addition, a rolling tube and deluxe duffel bag are also included for travel or storage.



Hardware Install

Connect Mat to your PC

1. Connect both the USB and Ethernet cables to the end of the Balance Optix mat.



2. Connect Ethernet cable to your PC. Connect USB to your PC or the provided charging block and plug it into an outlet.



Hardware Install

3. Once powered, the lights on the Balance Optix mat will illuminate.



4. Once connected and please see the list of next steps on Page 11.

Software Installation

Once your Balance Optix is connected, please follow these steps to activate your Balance Optix:

1. Create or login your account at my.uneekor.com.
2. Download and install Launcher. [Launcher Install File](#).
3. Please ensure that Uneekor Swing Optix cameras are connected.
4. Place the Balance Mat on your hitting turf or a flat surface.
5. Navigate to 'Devices' in Launcher.
6. Launcher will automatically detect your Balance Optix mat.
7. Press REGISTER.
8. Launch View application.

Using Balance Optix



Once connected and launched, you can access Balance Optix on 3 screens:

1. Swing Optix Screen
2. Compare Screen
3. Pop-out Screen

Using Balance Optix

Swing Optix Screen



1. Foot Heat Map – This is a visual representation of your weight distribution throughout your swing. It can be dimmed, resized, or rotated with the 3 available icons (right side of the image box) to fit your preference.
2. Weight Distribution Bars – Visualization of left/right weight distribution from address to finish.
3. Impact Marker – Through Swing Optix technology, this marker will automatically identify the moment of impact.
4. Toggle Foot Heat Map and Weight Distribution Bars On/Off - Easily turn these features on or off.

*The foot heat map and weight distribution bars are movable to your preferred view/location.

Using Balance Optix

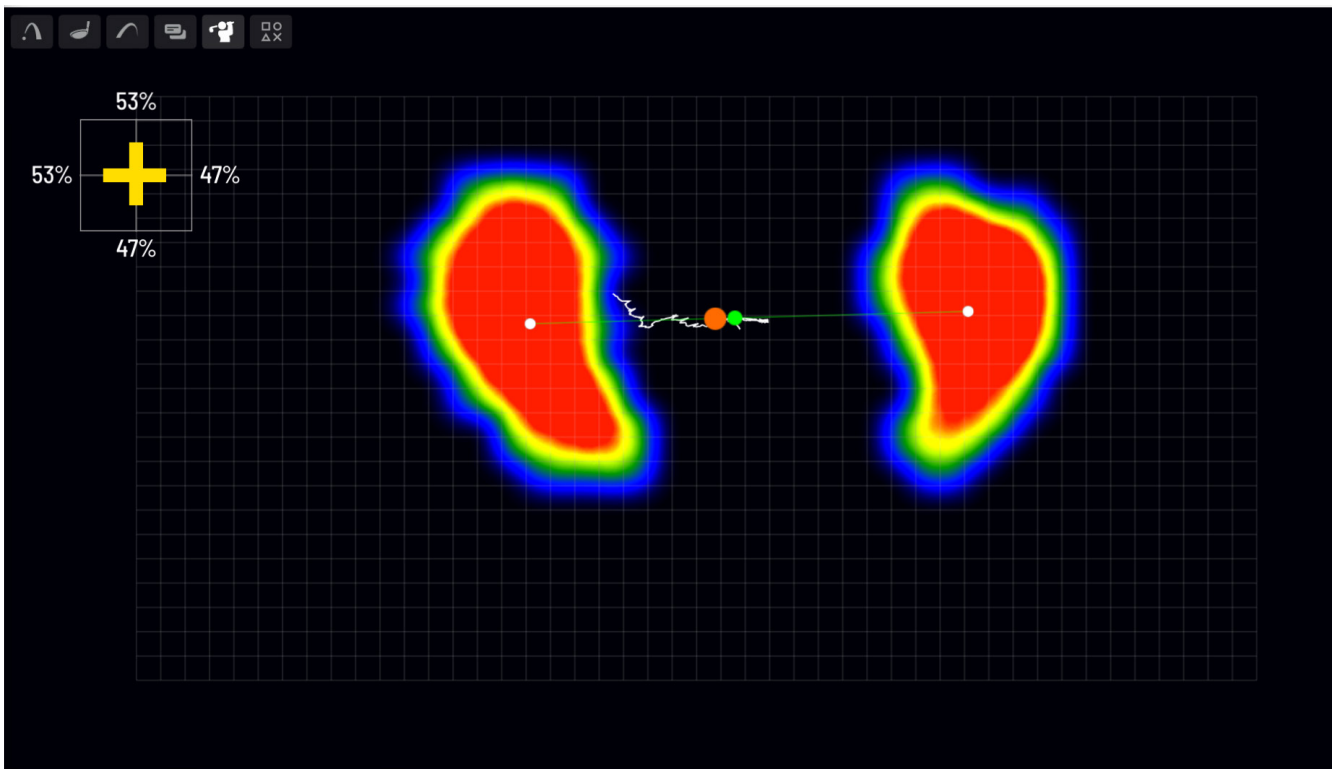
The screenshot displays the Balance Optix software interface for a user named Jake using an IRON7 | PREMIUM club. The interface is divided into several sections:

- Sidebar (Left):** A list of shots with columns for Shot Number, Distance (yd), and comparison options (A, B). Shot 15 is highlighted with a yellow circle 2. A red 'Compare' button is visible with a yellow circle 1.
- Main Video Area:** Two side-by-side video feeds from CAM1 and CAM2. Below each feed are graphical representations of the swing path and club head position. A 'CenterX' button is located between the two feeds with a yellow circle 5.
- Data Table (Bottom):** A table comparing two swings (A and B) across various metrics.

	Carry	Total	Smash Fac.	Club Path	Launch	Side	Ball	Club	Back	Side
A	158.6	167.0	1.41	R0.8°	15.7°	L1.9°	113.0	79.9	5585	L235
B	150.5	159.0	1.36	R1.4°	16.8°	L1.4°	108.5	79.7	5490	L3

1. Choose this option to compare two swings.
2. Navigate to the 'Shot' column, then select two swings (Shot A and Shot B) to compare.
3. Here you can see the data fields of both swings for direct comparison.
4. Select which camera view you want to compare by toggling between Cam 1(Face On camera view)or Cam2. (Down The Line camera view)
5. Center X compares both swings in graphical format.

Using Balance Optix



1. Choose to see Balance Optix by selecting this button.
2. Weight Distribution Diagram - This diagram shows both your horizontal and vertical weight distribution throughout your swing.
3. Foot Heat Map – as your weight changes, from left to right or heel to toe, the heat maps of your individual feet will increase/decrease in size and color in conjunction with your weight distribution.
4. Center of Pressure Tracer – tracks and displays the movement of your CoP throughout your swing

Understanding the Data

1. Balance is an essential aspect of a successful golf swing. It plays a crucial role in helping maintain control, generate power, and achieve consistent results. While there is no “perfect swing,” there are fundamentals and patterns that lead to increased consistency. Balance Optix provides real-time visual data so you can better understand and focus on these important aspects of your own swing.
2. Weight Distribution – Most elite players have a weight distribution that is approximately 50/50 at address, weight shifts to the rear foot at the top of the backswing, and towards the lead foot through impact and finish.
3. Center of Pressure (CoP) - CoP describes the average location of force being applied to the ground and can be tracked as it moves both laterally and horizontally throughout the golf swing. Elite players tend to keep their CoP on a relatively straight horizontal line throughout the swing.

Appendix

[Launcher Overview Guide](#)

[Uneekor Launcher](#)

[Resources](#)

[Support](#)

[FAQ](#)

MASTER YOUR PASSION

UNEEKOR, INC.

15770 LAGUNA CANYON RD
SUITE 100
IRVINE, CA
92618

TEL: 1-949-328-7790

SALES@UNEEKOR.COM

SUPPORT@UNEEKOR.COM

