



# EYE X02

Product Guide

---



Precision Redefined,  
Performance Elevated

# User Guide

## Contents

- 01 Welcome to Uneekor
- 02 What is Included?
- 03 Safety Notice
- 04 Installation and Setup
- 05 Installation Tools
- 06 Connecting your EYE XO2
- 07 Connection Status
- 08 Software Installation Guide
- 09 Uneekor Club Stickers (EYE XO2)
- 10 EYE XO2 Technical Specifications
- 11 Additional Resources



# Welcome to Uneekor

Congratulations on your new Uneekor EYE XO2. We are happy that you have chosen to elevate your golf game with us, and we are convinced you will enjoy your new Uneekor Launch Monitor.

The EYE XO2 sets a new standard for precision. Equipped with three high-speed cameras, photometric technology, and our largest hitting zone yet, it provides an unparalleled experience for golfers of all skill levels. Compatible with trouble mats, the EYE XO2 allows you to simulate any lie, empowering you to conquer every course and unleash your potential.

## FEATURES

The EYE XO2 sets a new standard for precision. Equipped with three high-speed cameras, photometric technology, and our largest hitting zone yet, it provides an unparalleled experience for golfers of all skill levels.

### **+Unparalleled Freedom**

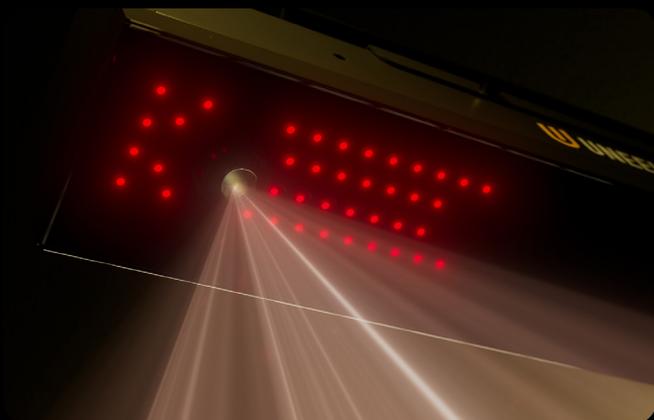
Swing confidently with our largest hitting area, 300% larger than the EYE XO.

### **+Trouble Mats**

Simulate real on-course lies, from bunkers to deep rough, and conquer any challenge.

### **+24 Data Points**

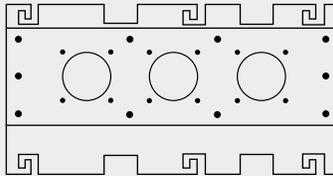
Access detailed club and ball data to elevate your game with actionable insights.



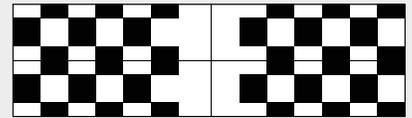
# What is Included?



**EYE XO2 LAUNCH MONITOR**



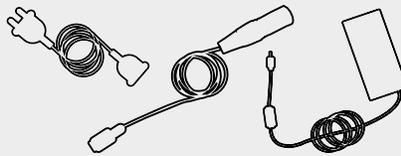
**EYE XO BRACKET**



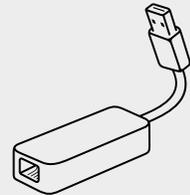
**CALIBRATION BOARD**



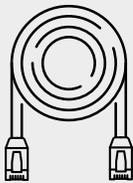
**TROUBLE MATS**



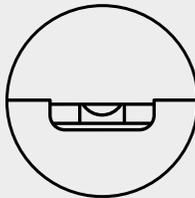
**POWER CABLE, POWER  
ADAPTER AND CONNECTOR**



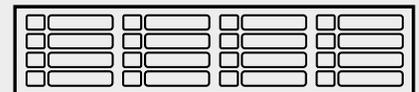
**USB ETHERNET ADAPTER**



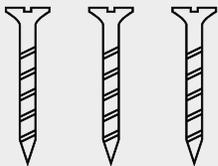
**45FT/15M LAN CABLE**



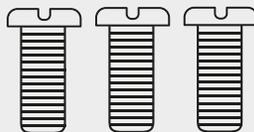
**LEVEL**



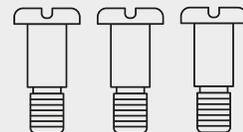
**CLUB STICKERS**



**M4 SCREWS (32MM)**



**M6 SCREWS (15MM)**



**M6 SCREWS  
(15MM LOW AND 15MM HIGH)**

# Safety Notice

READ ALL SAFETY INSTRUCTIONS BEFORE USING THIS DEVICE



## THE FOLLOWING SAFETY PRECAUTIONS MUST BE OBSERVED!

- Do not install near any heat sources such as radiators, heat registers, stoves, or other sources of heat. Install the launch monitor in a stable and level location
- Do not subject the device cables to excessive stress, heavy loads or pinching
- Do not open, disassemble, change, or attempt to repair the device
- Always ensure your device is powered off before storing. If water has entered the device, please power it off and disconnect it from the power source.
- Do not look directly into the infrared cameras when the device is turned on
- Uneekor recommends storing your device in a cool and dry environment
- Ensure the temperature of the storage space is not colder than 20°F (-6°C) and no warmer than 110°F (43°C). Do not leave your device in cold or hot temperatures for extended periods of time

### SAFETY INSTRUCTION WHEN INSTALLED

- Only use the power adapter provided with the device. Do not modify the cord in any way. If it will not fit the outlet, have a proper socket outlet installed by a qualified electrician
- Plug the device into a 100 – 240V AC (50 – 60Hz) outlet only
- Do not cover the device or the AC/DC adapter during use
- This device is designed for indoor use only. The device is NOT designed for use in rain and/or outdoor environments
- Always examine the device, the AC/DC adapter and power cord before installation and use. If the adapter or cord is damaged, it must be replaced before operating the device
- Be aware of your surroundings and use cautiously when children and others are nearby. Swinging a club during play while others are present may result in serious injury or death
- Ensure that your simulator space is protected against damage from ricocheting golf balls and other flying objects

**CARELESS OR IMPROPER USE MAY CAUSE SERIOUS INJURY**

# Safety Notice

## CARELESS OR IMPROPER USE MAY CAUSE SERIOUS INJURY



### **READ ALL PRECAUTIONS BEFORE INSTALLATION.**

It is essential that you fully understand and observe these precautions and warnings at all times.



### **CAUTION. HOT SURFACE**

This device can be hot and must not be covered or touched without taking care.



### **WARNING! THIS DEVICE MUST BE GROUNDED**

If it should malfunction or break down, grounding provides a path of least resistance for electrical current to reduce the risk of electric shock. This device's power plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local code and ordinances.



### **THIS DEVICE SHOULD BE USED INDOORS ONLY**

Never use this device outside or in any location where exposure to water or high humidity may occur. Do not touch the device, the A/C adapter or outlet with wet hands, as this can cause fire or electric shock. Do not use this device in environments where high humidity, smoke, or dust is present.



### **RISK GROUP 2**

**WARNING!** IR emitted from this device. Do not look directly into the infrared cameras when the device is turned on.



### **CLEANING AND MAINTENANCE INSTRUCTIONS**

**UNPLUG THE ADAPTER AND LET THE DEVICE COOL DOWN FOR 10 MIN BEFORE CLEANING**

The device and adapter may be cleaned using a dry cloth or a wrung-out damp cloth with lukewarm water only. Do not use strong or abrasive detergents when cleaning.

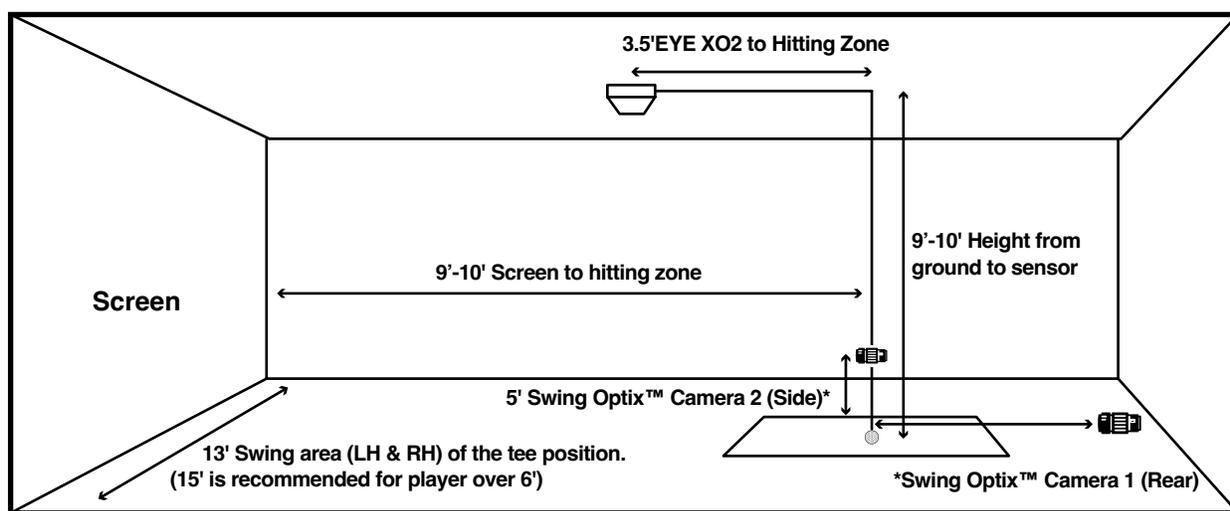
# Installation & Setup

## EYE XO2

### POSITION & ALIGNMENT

Your EYE XO2 is an overhead launch monitor and should be mounted and set up in your ceiling following this illustration. The mounting position of the EYE XO2 launch monitor device must be perfectly aligned 3 feet 6 inches in front of your tee position and between 9 - 10 feet for the ceiling height. Failure to meet these requirements will result in accuracy issues.

If your ceiling height does not fall within these requirements, you will need a ceiling drop mount, to ensure your launch monitor is mounted within the 9-10 feet.



\*Swing Optix™ cameras sold separately\*

# Mounting the Bracket

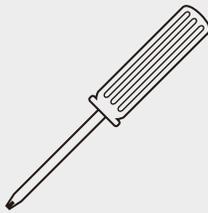
## EYE XO2

### INSTALLATION TOOLS (NOT INCLUDED)

To safely and accurately install your new EYE XO2 Launch Monitor, please ensure you have the following tools available:

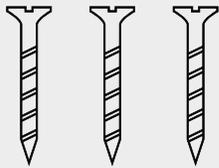


LADDER

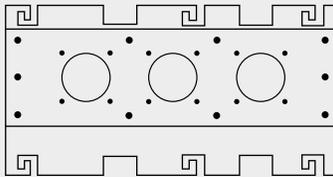


SCREWDRIVER (PHILLIPS)

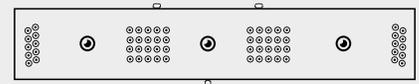
### NECESSARY PARTS (INCLUDED)



M4 32MM SCREW



BRACKET



EYE XO2 LAUNCH MONITOR

# Mounting the Bracket

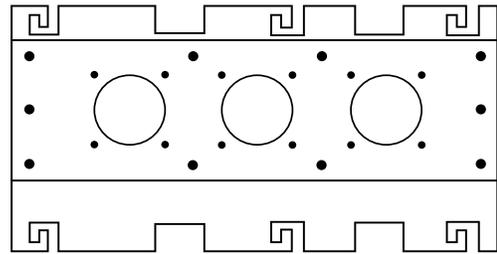
## EYE XO2

### Step 1

#### PREPARE THE EYE XO BRACKET

The EYE XO2 launch monitor device and bracket come attached together in the box. Slightly loosen the M6 15mm black screws holding the device to the bracket so you can remove it.

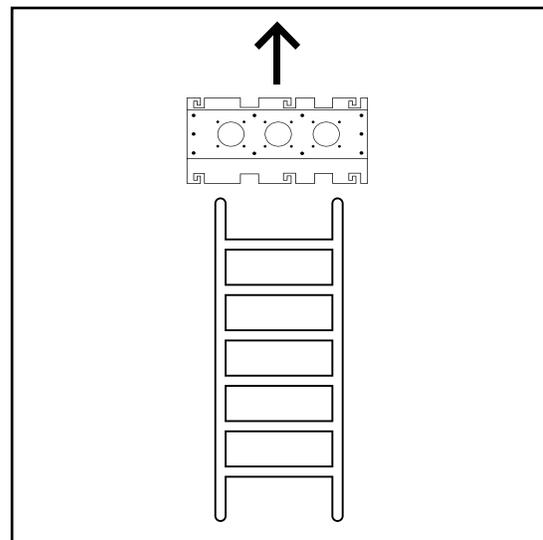
Please make sure you have measured 3 feet 6 inches from the front and middle of the device to your tee position. Do NOT align to the bracket.



### Step 2

#### BRACKET POSITION

Place the ladder under the location on the ceiling where the bracket will be mounted. Place the bracket flat against the ceiling with the hinges facing down toward the ground. The longer side of the hinges must be closer to the impact screen.



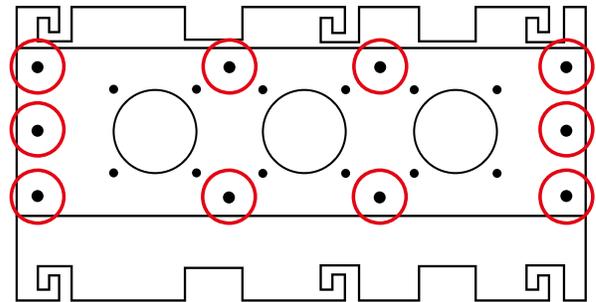
# Mounting the Bracket

## EYE XO2

### Step 3

#### BRACKET POSITION (CON'T)

With the bracket in position, grab the 10 silver M4 32mm screws and screw them in the locations below in the diagram.

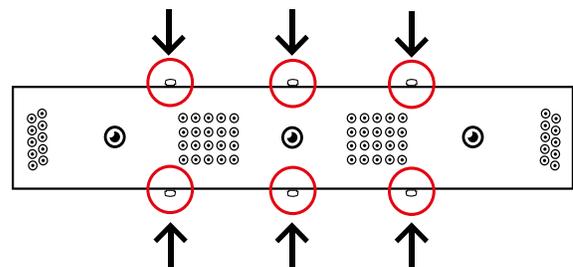


### Step 4

#### INSERT THE DEVICE

After the bracket has been firmly mounted to the ceiling or the ceiling drop mount, you can now install the Launch Monitor/Sensor.

The sensor comes with 6 M6 15mm Screws (Black) already inserted, 3 screws in the front and 3 screws in the back. Ensure all screws are halfway into the sensor and even in length.



# Mounting the Bracket

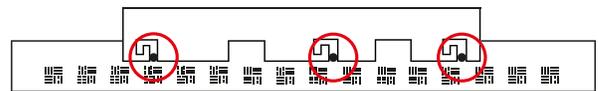
## EYE XO2

### Step 5

#### **SLIDE THE DEVICE ONTO THE BRACKET**

Slide the sensor with the 6 screws up and over through the bracket hinges. Ensure the screws are secured in the hook part of the hinges.

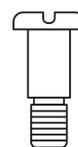
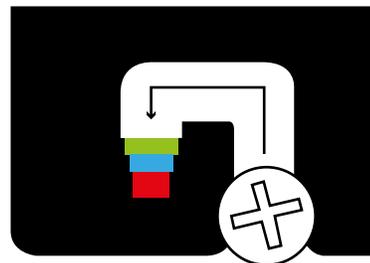
Tighten the screws to the bracket, so the sensor is firmly secured.



### Step 6

#### **ADJUST THE DEVICE ANGLE**

The angle of the device can be adjusted with the high and low M6 15mm screws. The regular M6 screws are installed as a standard; you can change these out to adjust the angle using either Low or High screws.



**M6 HIGH SCREW 15MM**

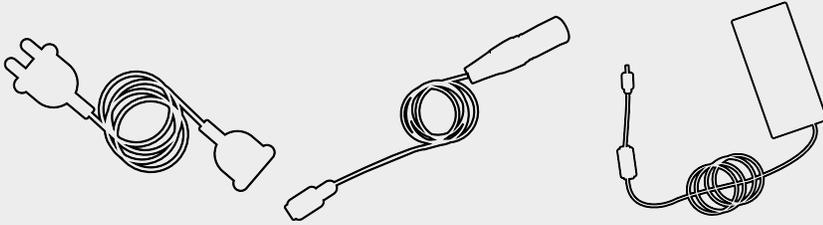
**M6 LOW SCREW 15MM**

**M6 SCREW 15MM**

# Connecting Your EYE X02

Next is to connect your EYE X02 to your gaming computer. Please ensure that your computer meets the required specifications to run your EYE X02 with all software <https://uneekor.com/golf-launch-monitors/eye-xo2?specs=sw>

## NECESSARY PARTS



**POWER CABLE, POWER ADAPTER AND CONNECTOR**



**45FT/15M LAN CABLE**

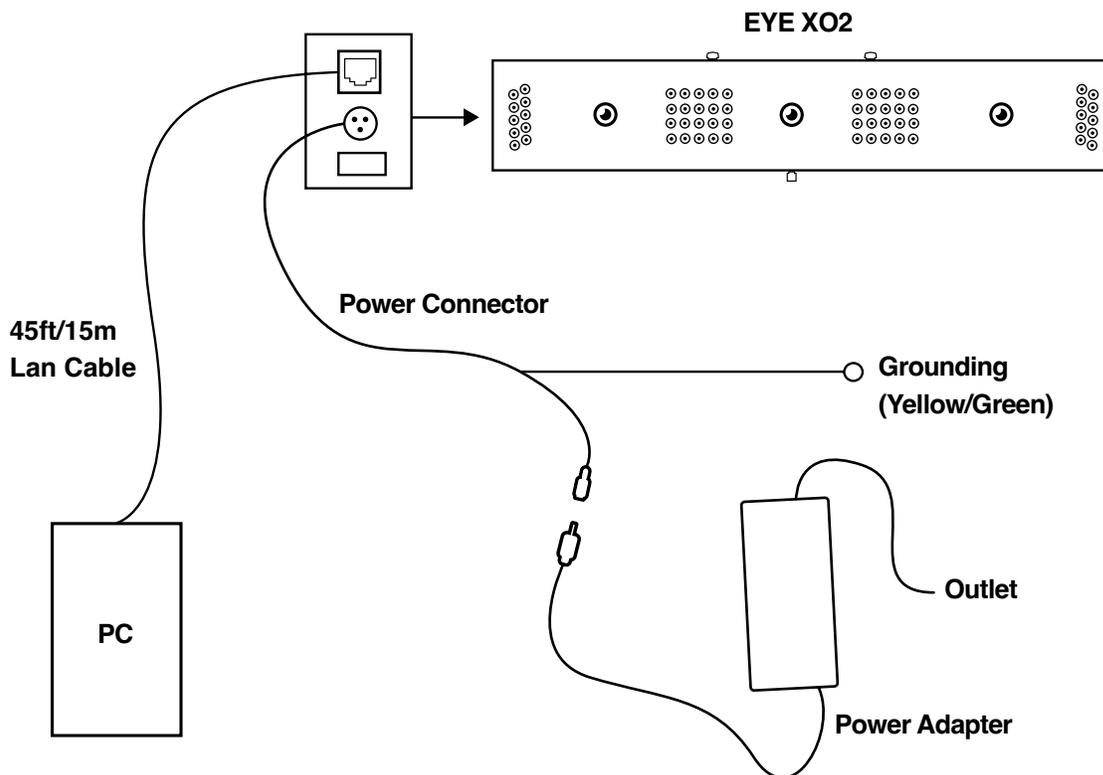
# Connecting Your EYE XO2

## CONNECTING YOUR EYE XO TO YOUR PC

Please follow the below illustration/diagram.

Locate the 45ft/15m LAN cable from the EYE XO2 box. Connect the cable to the device/sensor as shown below. Then connect the Power Connector to the Power Adapter and then to the sensor, as shown below. Then connect the Power Adapter to the power source/outlet.

Note: An extra green grounding wire is provided at the end of the power connector in case your outlet is not grounded. We recommend that you ground your unit, using this wire.



# Connection Status and Software Installation

Before proceeding with the software installation, please ensure that you have completed all of the above steps and especially make sure that your device is powered on and properly connected to your PC with the LAN cable (45ft/15m) provided.

**Please make sure that your LAN Cable is connected directly to your PC through the Ethernet port. Do NOT have the LAN cable connected through a USB hub nor an adapter.**

## SOFTWARE INSTALLATION GUIDE

Following the hardware Installation and Connection Status on the previous pages, please continue with the Software installation process, through these steps:

### Step 1: Create your Uneekor Account

Go to [my.uneekor.com](https://my.uneekor.com) and create your Uneekor Account.

### Step 2: Install Uneekor Launcher

Download and install [Uneekor Launcher by following this link](#) or navigate to this URL: [https://download.uneekor.com/dist/Uneekor/UneekorLauncher/UneekorLauncher\\_Setup.exe](https://download.uneekor.com/dist/Uneekor/UneekorLauncher/UneekorLauncher_Setup.exe)

Once Launcher is installed, please log in and select the “Install” tab on the left. Select the EYE XO2 and then press “Continue”.

### Step 3: Follow the Install Wizard

Follow the Install Wizard instructions on the screen. During the installation process, you will be asked to:

- Activate your License Key (Provided in your order confirmation email. Licenses should be populated during setup of launch monitor).
- Calibrate your Launch Monitor and perform a Test Shot.
- Perform Software Installation.

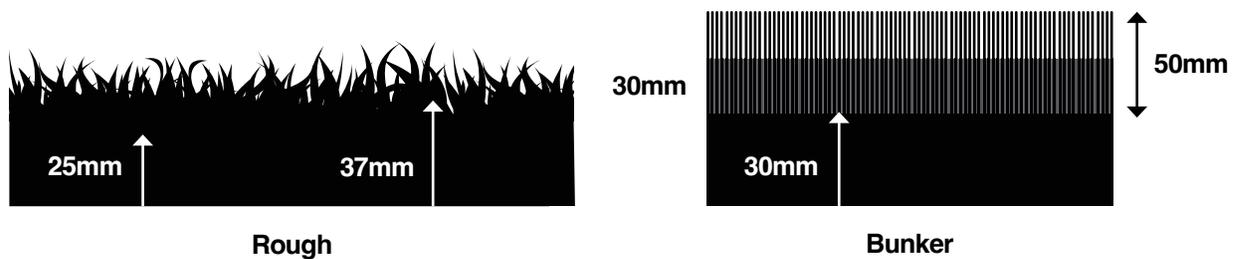
# Trouble Mats Installation

The two trouble mats are meant to simulate Rough and Sand/Bunker, respectively.

You will need to create an insert in your current hitting mat or hitting turf. Please reference the dimensions below or use the Trouble Mats as a reference for creating the insert. The trouble Mats can be placed anywhere in your hitting zone/ area. Please ensure that you consider if you expect both left-handed and right-handed players.

When calibrating your EYE XO2, you cannot move the calibration box. However, when enabling the Trouble Mats, you can adjust its placement within the calibration box left or right, which you should then align to where your Trouble Mats are inserted, as long as it is within the hitting zone (28" W x 21" L).

## Trouble Mats

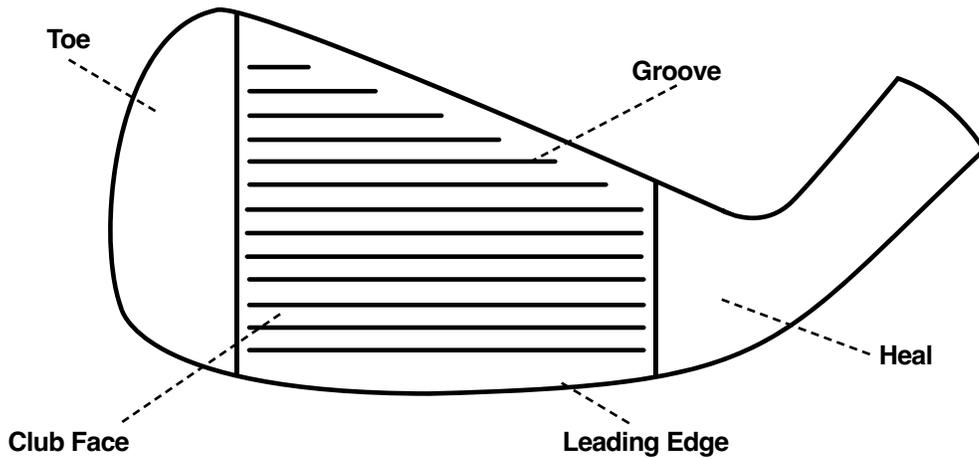


For those who wish to use their own hitting mat, we recommend using a hitting mat which is at least 1.5" deep/thick to support the base of the trouble mats appropriately. Ensure the size is 300mm x 230 mm and are the same length.

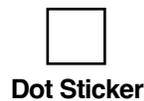
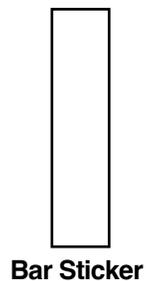
# Uneekor Club Stickers

## EYE XO2

Club stickers are not required to use your EYE XO2, but to get the optimum experience, we recommend adding Club Stickers to your club. This will enable your EYE XO2 to read the club face and interpreted club data. The EYE XO2 uses a double club sticker: 1) Bar Sticker and 2) Dot Sticker.



There are two types of Uneekor club stickers provided



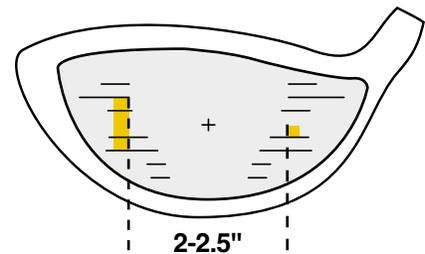
# Uneekor Club Stickers

## EYE XO2

Club stickers are not required to use your EYE XO2, but to get the optimum experience, we recommend adding Club Stickers to your club. This will enable your EYE XO2 to read the club face and interpreted club data. The EYE XO2 uses a double club sticker: 1) Bar Sticker and 2) Dot Sticker.

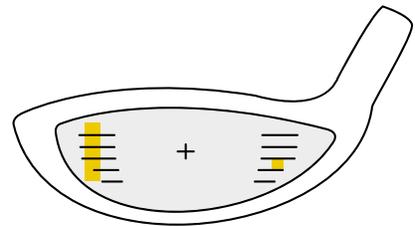
### DRIVER

Place the sticker 1 inch from the edge of the toe and 5 grooves up for drivers with 8 grooves. For drivers with 5 grooves, place the club sticker 1 inch from the toe and on the 3rd groove.



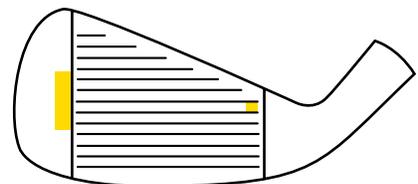
### FAIRWAY WOODS / HYBRIDS

For woods and hybrids that have 5 grooves, the club sticker is placed 1 inch in from the toe and level with the 3rd groove.



### IRONS

Place the single club sticker on the toe side of the club face, 7 grooves up from the bottom of the club. Make sure the club sticker is on the smooth side of the face and not on the grooves.



# EYE XO2

## Technical Specifications

<b>Model Name</b>	EYE XO2	<b>Size</b>	78.5mm (h) x 99.1mm (d) x 568.9mm (w) 3.1in (h) x 3.9in (d) x 22.4in (w)
<b>Description</b>	Overhead / Rear Launch Monitor	<b>Weight (LM) Weight (Bracket)</b>	5.8lbs / 2.63kg 2.3lbs / 1.04kg
<b>Power</b>	PoE IEEE802.13bt (recommend CAT6 UTP < 30m)	<b>Network</b>	1Gbps, LAN (CAT 6), RJ-45 Connector
<b>Certificate</b>	KC, CE, FCC, VCCI	<b>Sensor Position</b>	Rear Mounted
<b>Sensor Location</b>	Ceiling mounted, Rear	<b>Sensor Technology</b>	High Speed Camera / Photometric Technology
<b>Golf Ball Use</b>	Any	<b>Color</b>	Black

Ball Data Points	Club Data Points
<b>Ball Speed</b> Driver/Iron: 11mph – 223mph Putter: 0.44mph – 67mph <b>Side Spin</b> <b>Back Spin (Up to 12,000rpm)</b> <b>Spin Axis</b> <b>Side Angle</b> <b>Side Distance</b> <b>Launch Angle</b> Driver: -10° ~ 50° Iron: 0.1° ~ 80° <b>Angle of Descent</b> <b>APEX (Peak Height)</b> <b>Distance to APEX</b> <b>Flight Time</b> <b>Run</b> <b>Total Carry</b> <b>Total Distance</b>	<b>Club Speed</b> <b>Smash Factor</b> <b>Club Path</b> <b>Face to Path</b> <b>Attack Angle</b> <b>Face Angle</b> <b>Dynamic Loft</b> <b>Club Lie Angle</b> <b>Impact Point (Vertical/Horizontal)</b>  <b>Requires EYE XO2 Club Stickers</b>



# **U** UNEEKOR

## **TECHNICAL SUPPORT**

We are always ready to help and support you in your Uneekor journey. For additional technical support, please visit <https://uneekor.com/support> or reach out to one of our Technical Support heroes at [support@uneekor.com](mailto:support@uneekor.com) or Phone: +1 (888) 262-6498

## **OPERATING HOURS**

Monday – Friday      8:00am – 8:00pm EST  
Saturday – Sunday    8:00am – 5:00pm EST

**Visit [uneekor.com](https://uneekor.com) for more information**