ZEPP

ZEPP TENNIS USER GUIDE

TABLE OF CONTENT

Getting Started

What's Included

Free Mobile App

LED Channel

Water Resistant Enclosure

Rugged Rubber Exterior

1.1in (28mm)

Multi-Function Button

0.4in (11mm)

iOS & Android Requirements

iOS iPhone, iPad, iPod Touch – iOS 7.0 or later

Android - v4.1 and up

Downloading the app

You will need to download the free Zepp Tennis app to use your sensor.

1. Click on the App Store or Google Play icon on your iOS or Android device.

2. In the search toolbox, enter Zepp Tennis.

3. There will be an icon with an add feature that says "Free" for iOS users and "Install" for Android users. Click this icon. A new green icon will appear asking "Install App". Tap it.

4. Once the download is complete you can find Zepp Tennis on your device.

Turning on your Zepp Sensor

To turn it on, press in from the side towards the LED channel (see image below). You should feel the button push in slightly when you do this. Hold for at least 4 seconds when pushed in. If it doesn't turn on try holding a bit longer and adjusting your finger to the top corner.

LED Channel

Multi-Function Button
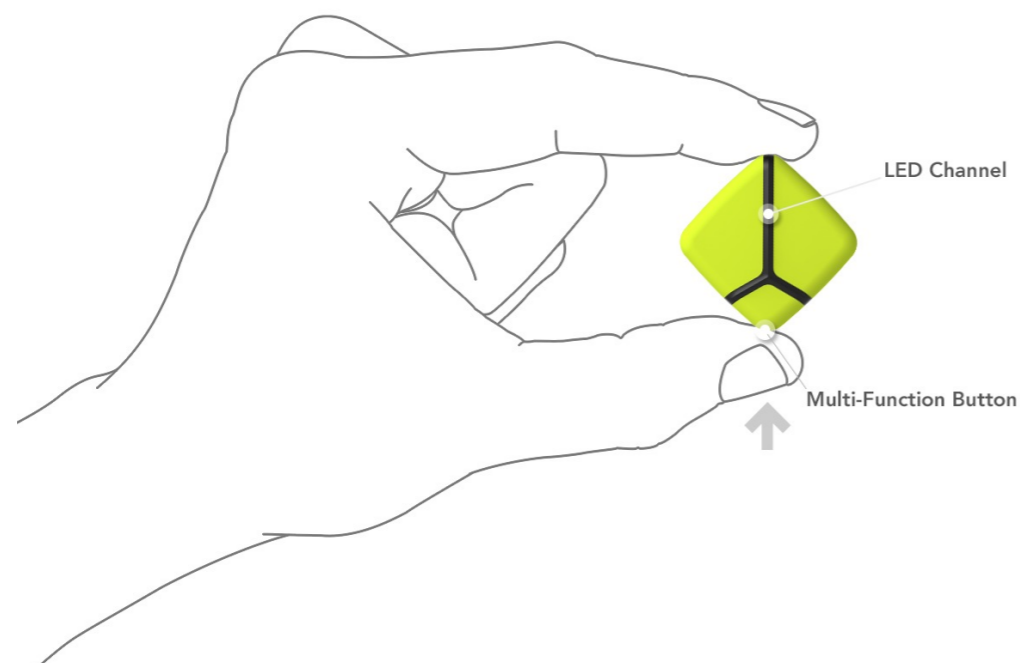
Pairing your Zepp Sensor

Pairing an iOS Device

1. Select the Settings icon and then select Bluetooth. If Bluetooth is not enabled, turn it on.

2. Your iOS device will automatically search for Zepp. This will take up to 15-30 seconds. Once found, a pop up "Bluetooth Pairing Request" will appear. Select Pair.

3. When paired, your device will note Zepp "Connected" or "Paired."

4. After connection has been established, another pop up will appear asking you to allow Zepp to communicate with the ZEPP App. Select Allow.

5. From this point on, your iOS device will automatically pair with Zepp Tennis. Unless if you turn Bluetooth off or unconnected Zepp by selecting "Forget this Device", you will not need to pair the device when you turn on your Zepp.

Pairing an Android device

1. Select the Settings icon and then select Bluetooth. If Bluetooth is not enabled, turn it on.

2. With some Android OS, you may receive a pop up message to let you know the Bluetooth is paring with your Zepp device. Select "OK".

3. It will take approximately 15-30 seconds for Zepp to pair with the device. When paired, your device will note Zepp "Paired" or "Connected."

4. From this point on, your Android device will automatically pair with Zepp. Unless if you turn Bluetooth off or unconnected Zepp, you will not need to pair the device when you turn on your Zepp.

Note - The Zepp sensor can only connect to one mobile device at a time. If you would like to pair the sensor to a second mobile device, you must first un-pair it from the initial mobile device.

Getting to know Zepp Tennis

Mounting the Sensor

The Zepp Tennis kit includes one Flex Mount and one Pro Mount which can be attached to the base of any tennis racquet.

Flex Mount

Start by aligning the octagon shape of the mount with the octagon shape of your tennis racquet handle. Stretch the mount over the bottom of the handle so the shapes are aligned, and pull the mount tight over the handle. To insert the sensor, find the Zepp logo and the two small protruding vertical tabs on two of the corners of the mount near the logo area. Align the sensor button with one of these tabs (either one) and insert the sensor into the mount with LEDs facing outward.

Pro Mount

Start by aligning the octagon shape of the mount with the octagon shape of your tennis racquet handle. Remove the tape from the bottom of the mount and press firmly to apply. Allow 24 hours for adhesive to set prior to use. To insert the sensor, align the LED channel with the logo on the mount and insert the sensor into the mount with LEDs facing outward.

Pro Mount

Flex Mount

Sensor Button
Alignment Tab
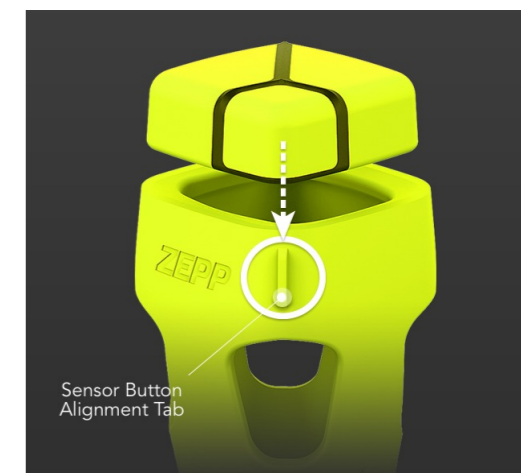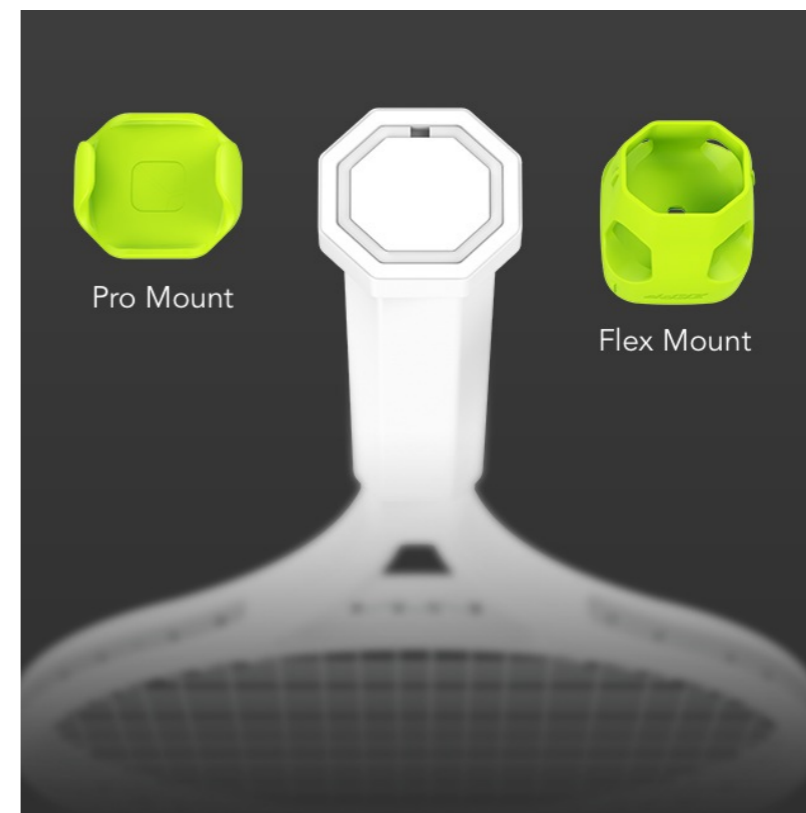
Modes: Play Tracking and 3D Serve Practice

Zepp Tennis contains two separate modes: Play Tracking and 3D Serve Practice.

Play Tracking

Play tracking mode is made to monitor your session statistics and rates your performance on a scoring system based on improvement. More specific information on Play Tracking can be found within the Play Tracking section beginning on page 10.

3D Serve Practice

3D Serve practice mode is intended to help you focus in on improving your serve mechanics. Here, you will receive a 3D representation of your serve that includes specific measurements include racquet speed at impact, ball speed potential, backswing time, spin and impact time. More information on this can be found within the 3D Serve Practice section beginning on page 15.

Home Screen

The home screen is the main landing page of Zepp Tennis. This page contains the links that allow you to start a session or to swing the sensor into 3D Serve Practice.

Training Center

Located in the main menu, the Training Center features video tips and drills featured by Zepp Pro Milos Raonic and ATP Coach Lance Johnson. Raonic introduces tips to success while Johnson walks you through a number of drills on improving your serve, racquet speed, consistency, intensity and grip.

My Racquet

My Racquet allows you to insert your racquet's brand, model as well as specific details on string information. If your racquet type is not listed, simply select generic. In addition, you are able to select the type of mount (Flex or Pro) being used with your racquet.

Note - Specific Racquet information does <u>NOT</u> influence measurements. Inputting the correct mount <u>DOES</u> influence measurements.

Battery Life, Charging and Power

Battery Life

It is recommended to fully charge the sensor prior to use. This may take up to 2-3 hours. The battery will last up to 5.5 hours with continuous swing recording.

Charging

Place your sensor into the USB Charger included in the box, and plug the charger into any USB port. Charging your sensor will take approximately 2-3 hours. When charging is complete the light rotation of the sensor will show all 10 of the LED lights will light up for a moment followed by all 10 LED lights fading away. This cycle repeating while in the charger indicating a full charge.

Hibernate Mode

To save battery the sensor will enter a Hibernation Mode if it does not detect a swing or a button press for 5 minutes. Simply press the multi-function button or take a swing to wake the sensor out of hibernation mode..

Firmware Updates

Zepp will periodically include firmware updates when updates to the app are released. Updating the firmware will improve accuracy and overall performance of the sensor. To check if a firmware update is available, sync the sensor to the app. If an update is available you'll see a red (1) hovering over the Settings icon as shown below. Enter the settings and select firmware update and follow the steps listed in the app. If firmware update does not appear in your settings, then your sensors firmware is up to date. This update will not take more than a few minutes to complete.
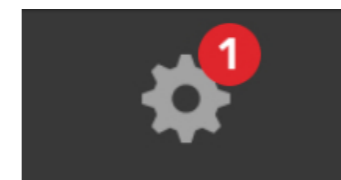
Cloud Sync

Whenever you swing, your swing data will automatically and instantly appear on your smartphone or tablet. There's no limit to how many swings you can store and analyze in the app. When you're connected to WiFi or a 3/4G network your swings will automatically sync to the cloud. Cloud sync allows you to view your swing history when you sign in to the

app from any mobile device. This also acts as a secondary backup so that swing information cannot be lost.

Multi-Sport Functionality

Your sensor will work with all 3 Zepp Sports Apps: Baseball, Tennis, and Golf. Simply download the mobile app of choice and attach the sensor to the appropriate racquet, bat, or golf glove. To use the sensor for a different sport, connect your sensor to your mobile device and open the sport app of your choice. The app will ask you if you wish to change the sensor to the new sport mode. Select OK to begin change process.

Flash Storage Capability

The Zepp sensor is capable of working both when connected to the app (online mode) and when the app is not connected. (offline mode) For Zepp Tennis, it is recommended to operate in offline mode (not connected to app).

In offline mode, the sensor is used when you're disconnected from the app on your phone or tablet. All swings are stored locally on the sensor and saved to the app until the sensor is re-synced with the app. Once reconnected to the app, you will be asked whether you would like to sync

all swing information. Select "Sync" to finalize this process. This flash storage will hold up to 2,000 swings.

WARNING: If you have stored swings that have not been synced to an app prior to switching to a new sport they will be erased. You must upload the stored swings to the correct app prior to switching modes.

LED Indicator Lights

Your Zepp sensor features a display that consists of 10 LED indicator lights. These lights communicate a variety of feedback including battery status, searching to connect, firmware update mode, as well as lets you know that your sensor is powered.

Battery Status

Press in on the multi-function button one time to check the battery status. If less than four LEDs light up, this indicates a low battery. Charge your sensor for 2-3 hours.

Connect Mode

If you're having trouble connecting to Bluetooth press in on the multi-function button two times to put the sensor in Connect mode. The sensor will show 3 LEDs traveling back and forth across the LED channel.

Tracking Mode

The sensor is in Tracking Mode when it is on and the LED lights are running across the LED channel every 4 seconds.

Firmware Update and Swing Sync Mode

Once the process for updating your sensors firmware is initiated through the app, the app will automatically power the sensor off. Once the sensor is powered on and until the firmware update is complete, the LED lights in position 3&6 / 4&5 will flicker back and forth consistently until the firmware update is completed.

Similarly, if you have captured swing data in offline mode (i.e. when the sensor was not connected to the app), the sensor will show this same LED light rotation until all swing data has successfully downloaded into the app.

Low Battery Indicator

The Zepp Tennis app indicates when your sensor has low battery as shown below.
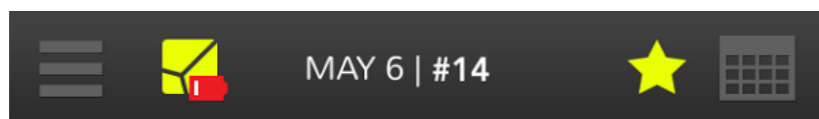
Play Tracking Overview

Play Tracking Overview

Play tracking is a score based mode that allows you monitor your improvement in match play over time. Each time you capture a session in Play Tracking, your performance is compared to the average performance of all of your previous Play Tracking sessions. These averages are kept separate for singles, doubles and practice matches since play style in each category can differ.

Scores colored green indicate improvement, yellow meaning you are meeting the average score and red indicates performance was below average.

Capture a Session

Once you have established Bluetooth connection and mounted the sensor to your racquet, do the following to record a session:

1. Open the app. Follow the steps to create your account if you haven't done so already.

2. Wait for the yellow sensor icon to appear and become solid in the upper left corner of the Home Screen. Once the light becomes solid,

the app will ask you to calibrate the sensor. We recommend calibrating the sensor prior to each session. If you are not asked to calibrate or wish to recalibrate the sensor, tap the yellow sensor icon.

3. Select "Start Play Tracking" to open the start screen and select "Start" prior to your session. Selecting start prior to your session will keep the app from dividing your match into multiple sessions. Alternatively, it can help you separate sessions by selecting start and stop once a specific session has ended, such as a practice session prior to a singles match.

4. Now put your mobile device away and begin playing. The sensor will store all data locally until reconnected with the app.

Once your session is complete, open the Zepp Tennis app and select "Sync Data" to begin syncing your session. Once the sync is complete you will be asked whether the session type was a practice or match. If the session was a match you will be asked whether it was singles or doubles and if you won or lost.

Session Report

A session report contains all of your match or practice information for a selected session. Here you can view your overall performance, shot breakdown and session highlights.

Overall Performance

Your overall performance contains your session score. Your session score is an average of your intensity, consistency and power score. Each of these measures, outlined below, are scored based on your performance in a particular session, compared to your average performance in all previous sessions captured with the Zepp Tennis app. Singles, doubles, and practice sessions are all grouped with separate averages due to play style differing for each session type.

Note - Since your first Play Tracking session with the sensor does not have any previous data, the scores will be based off your performance compared to an index created by Zepp. This index differs for Men and Women.

Shot Breakdown

Shot Breakdown gives indicates how many total shots you took during a session as well as the percentage breakdown of number of forehands, backhands and serves captured. A more detailed overview containing shot classification and sweet-spot percentage can be found within the Power Metrics.

Intensity

Intensity is calculated as your total active time on the court, compared to the total time you played. This number is calculated by the Zepp sensor and is NOT influenced by selecting start and finish at the beginning and end of your session.

Your intensity score for each session is based off of how intensely you played in the current session in comparison to your average intensity from all previous sessions within the same category. (Singles, Doubles, Practice)

Consistency

Consistency is the number of times you make contact with a ball in the sweet-spot of the racket divided by your total number of shots for each shot type. The racquet sweet-spot is measured for serves, forehands (topspin, flat, slice) and backhands. (topspin, flat, slice)

Similar to the Intensity score, the consistency score is a comparison of how consistent you were in a given session compared to all previous sessions within the same category. (Singles, Doubles, Practice)

Power

Power is the average speed (MPH or KPH) of the sweet spot of the racquet, for all shots types. Shot types include serves, forehands (topspin, flat, slice) and backhands. (topspin, flat, slice)

In addition to the averages, Zepp Tennis will also indicate the fastest racquet speed (MPH or KPH) of the sweet spot of the racquet for each shot type as well as the average level of spin (Flat, low, medium, high) placed on each shot type.

Similar to the Intensity and consistency score, the power score is a comparison of how powerful your shots were in a given session compared to all previous sessions within the same category. (Singles, Doubles, Practice)

Session History

Each session captured in Play Tracking is instantly saved to the app and can be found within your Session History. Select Session History, located in the main menu, to open a calendar that contains all swing content. Days with swing information will be highlighted blue.

3D Serve Practice Overview

3D Serve Practice Overview

Measure the most important aspects of your serve, then analyze and improve each one. Zepp offers an incredible set of 3D analysis features that give you instant feedback.

What 3D Serve Practice Measures

Racquet Speed Impact

Racquet Speed Impact is the measure (MPH or KPH) of the velocity of the sweet spot of your racquet when it impacts with the ball.

Ball Speed Potential

Ball Speed Potential is NOT actual ball speed. It is a prediction of ball speed based on your racquet speed and assumes perfect conditions. This metric gives you an idea, based on your racquet speed, of the kind of ball speed your serve can potentially generate.

Backswing Time

Backswing Time is the measure, in seconds, of the time between tossing the ball until the lower point of the racquet drop position, or when you have brought your racquet up, and bent your arm in an L shape, and the racquet head has dropped in preparation to swing and make impact.

Spin

Ball Spin is the indicator of the amount of spin the racquet puts on the ball after impact. Ball Spin is calculated on a scale 0 0 to 10, with 0 indicating the ball has no spin, and 10 indicating the ball has a maximum amount of spin.

Impact Time

Impact Time is the measure, in seconds, of the time from the end of the backswing (the lowest point when the racquet head is facing down towards the ground), until the racquet impacts the ball.

Capture a Serve

Once you have established Bluetooth connection and mounted the sensor to your racquet, do the following to record a 3D Serve:

1. Open the app. Follow the steps to create your account if you haven't done so already.

2. Wait for the yellow sensor icon to appear and become solid in the upper left corner of the Home Screen. Once the light becomes solid, the app will ask you to calibrate the sensor. We recommend calibrating the sensor prior to each serve session. If you are not asked

to calibrate or wish to recalibrate the sensor, tap the yellow sensor icon.

3. Select "Practice your Serve" to open the 3D view.

Once you are in the 3D view, serve! All serves that make contact with a ball will instantly record in the app! Specific measurements of your serve can be found within the Dashboard view by selecting the bar graph icon.

3D View

Review and replay your serve captured by the Zepp sensor in 3D. Rotate and analyze your swing path from any angle by moving your finger left to right to navigate around the swing. Drag up or down to view from a top angle.

Control Center

Located within the 3D View, the control center is the three horizontal dots found in the bottom right corner. The control center allows you to compare, share and delete serves as well as lock your phone while the app is running.

Compare a Serve

Select any serve in 3D Serve Mode and compare it simultaneously from any angle with any other serve you have captured. To do this, select the serve you wish to compare and select Compare located in the control center.

Share a Serve

A static image of any 3D serve can be shared via email, text, or popular social media channels. Find the serve that you would like to share and select it to open its 3D view. Once selected, open the control center and select Share.

Screen Lock

To lock your screen while in 3D Serve Mode, select "Screen Lock" located in the Control Center.

Delete a Serve

There are a couple different ways in which you can delete a serve. From your History section, swipe right or left across the serve that you'd like to

delete and tap delete. Alternatively, tap edit in the upper right corner of your serve history and select the serves that you would like to delete. Lastly, you can delete serves from the 3D view of the serve by selecting delete located within the control center.

Serve History

Each serve captured in 3D Serve Practice is instantly saved to the app and can be found within your serve history. Select Serve History, located in the main menu, to open a calendar that contains all swing content. Days with swing information will be highlighted blue.

General Information & Specifications

Zepp Tennis App Updates

Zepp will periodically add new features, updates, and improvements to the Zepp Tennis app. It is recommended that you keep your Zepp Tennis app updated to the latest version.

Using your Zepp in Wet Conditions

Your Zepp sensor is water-resistant. It is sweat-proof, rain-proof, water resistant, and can function with light water exposure.

Customer Support

Troubleshooting and assistance for your Zepp Tennis can be found at: https://tennissupport.zepp.com

Technical Specifications

Zepp uses 3 MEMS sensors to measure motion in its proprietary motion engine capture system. This motion engine is used to capture shot type, spin, power and more.

Return Policy and Warranty

Zepp provides a one-year limited warranty. Under conditions of the warranty agreement provided with your Zepp, purchasers will be entitled to repair or replacement for defective Zepp units. This warranty begins from the date of initial purchase. Zepp may also choose to refund the purchase price of the unit to the purchaser. Warranty information and the Zepp.com Store Return Policy can be found online at https://tennissupport.zepp.com

Regulatory and Safety Notices

The symbol on the product or its packaging signifies that this product has to be disposed separately from ordinary household wastes at its end of life. Please kindly be aware that this is your responsibility to dispose electronic equipment at recycling centers so as to help conserve natural resources. Each country in the European Union should have its collection centers for electrical and electronic equipment recycling. For information about your recycling drop off point, please contact your local electrical and electronic equipment waste management authority or the retailer where you bought the product.

• Do not dispose of the Zepp sensor with household waste.

• Batteries are not to be disposed of in municipal waste stream and require separate collection.

• Disposal of the packaging and your Zepp should be done in accordance with local regulations.

For additional information on disposal and recycling, including contact details of a distributor in your region, please visit https://tennissupport.zepp.com