



## ***User Guide***

# User Guide

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## **IMPORTANT PLEASE READ CAREFULLY BEFORE USING YOUR DIAMOND KINETICS® SENSOR**

This User Guide contains important safety, handling and warranty information, as well software license information for your Diamond Kinetics Sensor. Please read carefully before using your Sensor.

Failure to follow these safety instructions could result in fire, electric shock or other personal injury and/or damage to your Diamond Kinetics Sensor or other property.

- When you perform a repetitive activity, such as swinging a bat, you may experience occasional discomfort or fatigue. Consult a physician if issues persist.
- Your Diamond Kinetics Sensor contains sensitive electronic components. Do not attempt to modify or repair your Diamond Kinetics Sensor yourself. Disassembling your Sensor will void the manufacturer's warranty.
- The Diamond Kinetics Sensor contains small parts and is a choking hazard and is not appropriate for children under 3.
- Your Diamond Kinetics Sensor is splash proof. Do not use your sensor in rain or submerge under water.
- Do not overstretch the sensor strap. It is only intended for use with the Diamond Kinetics sensor.
- Unplug the USB power cable and discontinue use if it has become damaged or has been exposed to rain, liquid or excessive moisture

## **GETTING STARTED**

### **What comes in the Box**



Sensor

Sensor Strap

USB Charging Cable

Protective Storage Pouch

Works with the Free Diamond Kinetics Mobile App

## **USING YOUR DIAMOND KINETICS SENSOR**

### **Attaching your Sensor to your Bat**



Place the end of your bat on a firm surface with the knob pointing upward. Stretch the round hole in the center of the sensor strap over the knob.

Position the sensor, with the soft rubber side downward, on top of the bat knob. Hold the sensor in place with your finger.

Pull each of the three strap ends over the top of the sensor so that the top of the sensor should remain completely free of the strap.

Confirm that the sensor is firmly secured.

*Your Diamond Kinetics sensor should be attached to your bat on the knob end only using a Diamond Kinetics strap. Do not use any other mechanism to attach your sensor to your bat; doing so will void the manufacturer's warranty.*

### **Turning On and Off your Sensor**



To turn your sensor on, press the button with the "DK" logo on the top of the Sensor. The green indicator light on the top of the sensor will turn on.

To turn off, press the button. The green indicator light will turn off.

### **Pairing your Diamond Kinetics Sensor**

You will need to pair the Diamond Kinetics Sensor to your iOS device to collect data.

- Go to Settings > Bluetooth
- Enable Bluetooth in the Settings Menu, if it is not already on.
- Select the "SwingTracker" sensor.

If you do not see SwingTracker in the device list

- Confirm that the sensor is charged. If it is not, see "Charging your Sensor"
- Check that it is not connected to another nearby iOS device.
- Confirm SwingTracker is close to the iOS device and try again.

### **Charging your Sensor**

Turn off the Sensor. Hold the sensor upright and logo facing up. Rotate the top grey section of the sensor counterclockwise to reveal the charging port on the bottom of the sensor. You will feel the bottom of the sensor "unlock" as you begin to rotate the bottom.

Insert the small end of the USB charging cable provided into the exposed charging port on the sensor. The status indicator will begin to flash red. The status indicator will emit a solid red light when charging is complete, taking approximately 3 hours.

Remove the charging cable from the computer and sensor. Rotate the top grey section of the sensor clockwise to cover the charging port. You will feel the bottom green section of the sensor lock into place.

Never force a charge cable into a USB port of your Diamond Kinetics sensor. If the charge contact does not easily fit into the USB port, confirm that they are properly aligned before attempting to insert again.

ONLY use the USB charging cable provided to charge your Diamond Kinetics sensor. Diamond Kinetics is not responsible for the operation of third-party accessories.

### **Initial Calibration of your Sensor**

You can calibrate your sensor at any time, once you have initiated a session. To do so, Select Calibrate on the top left side of the app.

Set your bat on the plate so that it matches the illustration. Stand at a normal distance from the plate and align your back foot to be even with the middle point on the plate.

Select Start Calibration on the bottom right of the app. You will need to complete the initial sensor calibration within 8 seconds.

## **Capturing Swings**

Get to your natural load point. Do not move the bat excessively when capturing swings.

## **Battery Life and Power**

Turning Sensor On: Press the DK logo on the top of the sensor to turn it on. You will see a green light Flash rapidly if not paired. Flash slowly

Determine Battery Charge: A battery indicator is listed at the top of the screen when you are paired with the app and collected session data ; It will alert you when the battery is low.

Sleep Mode: The sensor will go into sleep mode and the light will stop blinking if you have not used it for seconds. It will automatically wake up and the green power light turn once the sensor is picked up.

Turning Sensor Off: Press and hold the button on the top of the sensor to turn it off.

The battery will last up to 7 hours with continuous use.

## **Memory**

The SwingTracker sensor will collect about 125 swings between data uploads.

## **SWINGTRACKER APP**

### **Downloading the Mobile App**

Download and install the SwingTracker app from the iOS App Store.

The SwingTracker App works on iPhone 4 or above or an iPod touch (gen 2 or above).

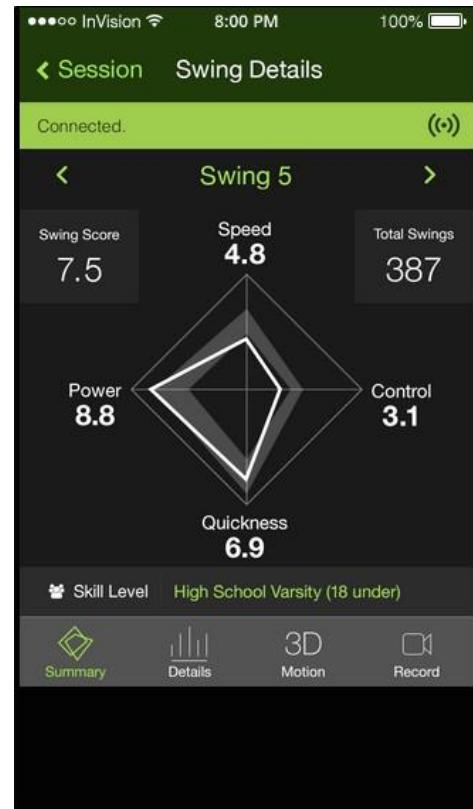
### Create an Account

Open the SwingTracker App. Select “New Player” and enter your user information to customize your SwingTracker experience.

### DIAMOND KINETICS SWING MEASURES

Your Diamond Kinetics system measures four key metrics related to your swing - Speed, Power, Quickness & Control. These metrics are then ranked against the database of swings within your skill range.

You can select the details option on the bottom of your screen to see Swing Details



## **Sensor Care Instructions**

### **Moisture**

The Diamond Kinetics sensor is splash-proof, however significant exposure to water may cause damage to your Diamond Kinetics Sensor.

- Do not use your Sensor in the rain.
- Do not spill any food or liquid on your sensor.

If your sensor gets wet, dry it thoroughly before using or charging. Do not attempt to dry it with an external heat source, such as a microwave oven or hair dryer.

Diamond Kinetics Sensors that are damaged as a result of exposure to liquids are not serviceable and are not covered by the Manufacturer's Warranty.

### **Storage**

Store your Diamond Kinetics sensor in a cool, dry place at room temperature using the provided Protective Case.

### **Temperature Sensitivity and Storage**

Avoid exposing your Diamond Kinetics sensor to extreme temperatures. Operate your sensor between 32° and 95° F (0° and 35° C).

Avoid dramatic changes in temperature or humidity when using your Diamond Kinetics sensor, as condensation may form with the sensitive electronic components of your sensor.

### **Technical Specifications**

The SwingTracker App works on iPhone 4 or above or an iPod touch (gen 2 or above).

The Diamond Kinetics Web Application is compatible with PCs and Macs for viewing data on the following Supported Browers: Internet Explorerer (10 and above), Google Chrome, Firefox, Safari.

## **SUPPORT**

Troubleshooting and other support is available at [diamondkinetics.com/support](http://diamondkinetics.com/support)

### **Customer Support**

You can contact Customer Support at [support@diamondkinetics.com](mailto:support@diamondkinetics.com), or submit a support request via [diamondkinetics.com/support](http://diamondkinetics.com/support)

To speak with a customer care representative, please contact Diamond Kinetics at 1-877-271-9506 ext. 1 between the hours of 9am and 7pm EST.

### **Return Policy and Warranty**

Diamond Kinetics provides a 30-day money back guarantee on orders placed directly through our website. If you are not completely satisfied with your purchase we will exchange your Sensor or provide a refund, subject to the following conditions:

- Returns for exchange or refund must be made within 30 days of purchase
- All returned or exchanged items must be in new condition, in their original box, and must include all packaging materials and accessories
- Refunds will be issued in the same payment form as the original purchase
- All returned products will be inspected to ensure the above conditions are met prior to issuing a refund

Returns or replacements may be subject to shipping, handling, replacement and/or restocking fees. Original shipping fees are not refundable.

Diamond Kinetics provides a 1 year manufacturers warranty. For more information visit: [www.diamondkinetics.com/warranty](http://www.diamondkinetics.com/warranty)

## Symbol Definitions



Federal Communications Commission Model:  
DKST01  
FCC ID: 2ABWR-DKST01



Canada  
Model: DKST01  
IC: 12312A-DKST01

## Disposal and Recycling Information

Your Diamond Kinetics sensor should be disposed of separately from household waste. Take the sensor to a collection point designated by local authorities that accept batteries and other similar waste. Not all collection points accept products for free. The separate collection and recycling of your product at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and environment.

## Regulatory Statement

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.

*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 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 to an outlet on a circuit difference from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician to help.

U.S. Patents: 7,021,140 and 7,234,351

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

**FCC RF Radiation Exposure Statement:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Industry Canada (IC) Statement

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Canada, avis d'Industry Canada (IC)

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.