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STARTUP GUIDE

www.smartcricket.com

Bluetooth

With BatSense, capture data from every shot you play, evaluate your technique by analysing the data collected, and improve your performance.

Before you start using the Sensor, here is some necessary information that you must know.

PUCK

Connect **BatSense** to the USB Charger and charge it for atleast **30 minutes** before using it.

A **Green Light** will blink every 5-6 seconds, while on charge, when the battery is charged more than 65%.

Mount BatSense Sensor on to the Sleeve. Align the arrows present on the Sensor and Sleeve while mounting.Use the Key to lock the Sensor safely. If the Sensor or Sleeve is mounted incorrectly, the results would be incorrect.

Press the button once on the BatSense Sensor to switch ON the Sensor. A white light will blink followed by a Green, Amber, or Red light depending on the battery charge.

Note: Hold the button for 5 seconds to Switch OFF the Sensor. A Red Light will appear and slightly fade away to indicate the Sensor is switched OFF.

SLEEVE

Roll down the grip of your bat first and then mount the sleeve on your bat. Next, roll up the bat grip to cover the BatSense Sleeve

Mount the BatSense Sleeve on top of the handle of the bat in a way that the marking on the sleeve is facing the bat face and not the bat spine or edges.

PROFILE

After you create your Profile, set your Profile details. You also need to select your batting preference

To do this Press on the bottom right icon of Profile. Once the Profile screen appears, tap on settings at the top right corner to access all details

Choose your preferences and save.

APP & PUCK

Switch on the puck by tapping the button in the centre. A white light will blink followed by a green light which represents the battery status

Launch the App

The landing/splash screen will appear. Press the BatSense icon present on the top left corner of the screen and allow any permissions requested

To register the Sensor, click on the Sensor icon in the discover Sensor page. All the BatSense ID's which are available to be registered will appear

Choose your ID and click on Register. A 'Click to enter' pop up will appear. Tap on it and enter your pin. Alternatively scan the QR code present in this startup guide

Please save the QR Code/Registration pin safely

You will receive a message confirming your registration

After registering your device return to the previous screen i.e. Registered Devices

Tap on Connect and wait till BatSense connects

To enter the Sensor settings tap on the Sensor number

The Sensor settings page is used to Connect / Disconnect, Start /Stop a session

Once you are connected to BatSense, a blue light will blink thrice

Click on Start Session. The Sensor will now ask for Calibration.

Follow the procedure shown in the app

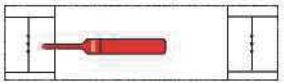
HOW TO CALIBRATE

Correct calibration is very important for the Sensor to function properly.

To calibrate, follow the below steps:

Step 1:
Swing the bat in 8 **(sleeping 8)** formation in the Air

Step 2:
Place the bat facing down, bat's toe facing the bowler's end & bat's handle facing the stumps.



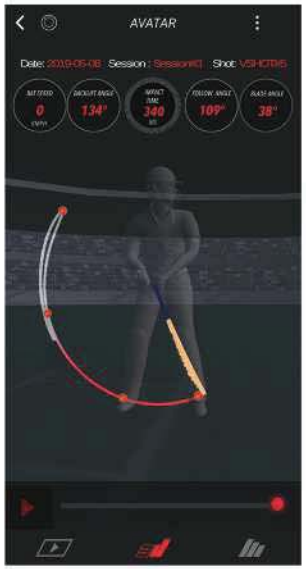
Step 3:
Reverse the direction of the bat. Place the bat facing down, with the bat's toe facing the stumps and the bat's handle facing the bowler's end

TRIAL SHOT

Go to the Landing Screen and click the 3D Shot Analysis option.

Play any shot to check the parameters. If you play a straight drive and you see the parameters of the swing, you are ready to go and play the session

Finally, when you are done with the session you can stop the session and disconnect the Sensor.



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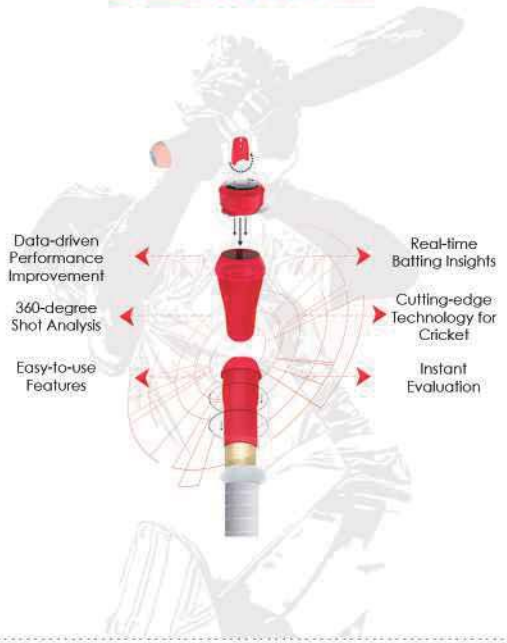

USER MANUAL FOR PLAYERS

BATSENSE ICON

For your convenience the BatSense icon has been made available at multiple places, so that in case BatSense is disconnected due to the battery saver feature on your phone or any other unavoidable circumstances, you can always reconnect to your BatSense quickly without losing the screen on which you were working previously.

You can perform the following operations

1. Register your BatSense

To register go to BatSense and then press on Discover Devices and tap on Register.

2. Connect to your BatSense

From discovered devices go back to registered devices and tap on Connect when it is highlighted in red or tap on the sensor name and in the bottom left, tap on Connect.

3. Start a Session

After Connecting tap on your sensor name in registered devices and on the bottom right part of the screen tap on Start Session. Now you can start playing.

4. Stop a Session

After you're done with the session, go to BatSense icon. Tap on the sensor connected and at the bottom right of the screen tap on Stop Session.

3. Disconnect your BatSense

After stopping the session tap on disconnect at the bottom left part of the screen.

After disconnecting from the sensor at the bottom right part of the screen tap on Unregister to unregister the BatSense from your account.

5. Update BatSense firmware (FOTA)

Your BatSense will receive new firmware updates from time to time. When there is a new firmware update available the app will automatically ask for an update, provided the app is connected to the BatSense and internet.

6. Change the name of your BatSense.

You can rename your BatSense as per your choice. Go to BatSense icon and Connect to the BatSense and tap on the sensor name to open sensor settings. Press edit to change your BatSense name. Connect and Disconnect to reflect the change in name.

SMART VIDEO

With 'Smart Video' you can have a video of yourself batting. The recording may happen automatically with a BatSense or it can be done manually.

In Smart Video you can classify shots when you press on Unclassified Shot at the top of your screen and mark as to which shot it was i.e. Sweep, Lofted Straight, Play and Miss, Pull, Off Drive, Back Foot Punch, Square Cut, Straight Drive, On Drive and Flick.

You can upload your videos to the cloud from your phone/local storage. You can access the cloud and review your stroke by watching the video, and also download it for viewing at your convenience at a later point in time. This could come in handy in case your device storage is running out of space or you choose to use some other phone with the same account and don't want to lose those videos.

You can always compare two of your shots using the option Compare which will place your first video on top and second video at the bottom. This feature will give a clear comparison as to why your Shot Efficiency was low in one shot and high in another, the angle & position of the bat at the time of contact with the ball, and the bat swing in both scenarios

You can tag your shots or videos just in case you liked what you played, such as #HelicopterShot. Tags can be used to identify your shots and to make your search easier in case you want to see them at a later point in time.

Smart Video feature contains two sections

1. While the BatSense is connected

While using BatSense the 'Smart Video' detects your shots and records your video automatically while you play the shot or swing your bat.

The video will be trimmed, starting a few seconds before a shot is played and ending a few seconds after the shot has been played. You can watch your videos later when you are done playing. If you want to watch it immediately then you can always visit Calendar and access the video and shot data.

2. While the BatSense is not connected or disconnected.

When the BatSense is not connected the video will not be automatically trimmed, and you must manually record the video. This video will not contain 3D parameters or 3D bat path, but the rest of the features such as upload, request feedback and compare will still work.

MATCH MODE

Match mode is a cool feature when you do not want to use your phone while playing.

You just have to enable Match Mode from the dashboard and you can start playing.

With match mode enabled you can get 3D shot parameters for all the shots you played and its 3D Bat Path. Since there is no phone in the picture you will not get Smart Video in Match Mode.

To see all the sessions you played in Match Mode, press the button on the BatSense and connect it with your phone. Open the sensor settings and tap on the 'sync' button to transfer all the shots you played in that session from your BatSense to your app.

3D SHOT ANALYSIS

3D Shot Analysis is mainly used to see parameters such as Bat Speed and Shot Efficiency almost immediately after you play the shot. All these shot parameters and details are saved on your calendar so that you can later revisit them.

After seeing your 3D Shot Parameters you can rate/share and tag those shots in the same page and replay the 3D Bat Path by tapping the '3D' icon present in the bottom centre part of the screen.

To know more about the parameters being shown, tap on those parameters.

CALENDAR

'Calendar' is where all your play is organized and stored for easy access to all your data such as Smart Video/3D parameters/3D Avatar etc.

When you visit Calendar, you will be shown the current month's data with circles around dates on which you have played, and the month's summary at the bottom under "PERFORMANCE STATS-THIS MONTH". The summary shows your overall monthly Average Shot Efficiency, Max Bat Speed, Balls Played Average Back Lift Angle, Average Follow Through Angle, and much more.

Session

1. Wagon Wheel with sensor

A session which has been played using a sensor will always show the Wagon Wheel of your complete play and the direction in which you primarily played those shots, i.e, On-Side, Off-Side, Covers, etc.

You can see sector-wise where you have played, as it will count and show you the number of balls you played in that sector of the Wagon Wheel.

To filter the shots based on the sector just tap on the number of balls you played. For example, if you played 17 balls on a Cover drive, you can tap on the sector which says 17 and you see only those 17 shots. To see all the shots again tap on the red highlighted sector once more.

You can rate your session based on your performance stats and quality of play.

You can also Tag the session with a hashtag like #BestSession and share the Wagon Wheel image with anyone.

2. Without sensor

When you record a Smart Video when not connected to a sensor you will not see a Wagon Wheel as video-only sessions are separate from Sensor sessions to avoid confusion.

Filter

1. View Session by Day

This filter shows all sessions you have played in a single list with Day/Month/Year, Number of Balls Played in that session, and the Hours Spent on that session.

2. View Session by Month

This is the default screen when you visit Calendar.

3. View Session by Location

To see all the sessions played in a selected location* use this filter.

***Note:** Location may sometimes be shown as Unknown Location depending on the GPS capabilities of your device.

4. View Session by Rating

You can filter based on your rating (1-5 star). All the sessions with the selected rating will be shown when a rating is selected.

PROFILE

On the Profile page, you can perform the following actions:

1. The Profile page displays your profile picture. If not, you can add one from your phone gallery or camera.
2. You can Search, Send Connection Request, Cancel the pending request, Disconnect from Coach and Message Coach.
3. You can Set Goals for yourself such as the Bat Speed that you want to achieve and the Average Back Lift that you want to achieve.
4. See overall lifetime performance stats such as Average Shot Efficiency, Maximum Bat Speed, Number of Balls Played in the lifetime with BatSense.

GOALS AND REPORTS

By setting goals, you can either achieve your personal best or beat your friends in parameters like Minutes of Play, Number of Balls, Max Bat Speed, Back Lift Angle, Average Shot Efficiency.

All the above parameters hold separate achievements for Session, Day and Month.

To set a goal just tap on the respective parameter and move the slider to increase or decrease the goal parameter.

You can also see your Weekly and Monthly reports from Set Goals (graph icon in top right part of Goals screen).

In reports, graphs can be viewed for all the parameters such as Minutes of Play, Number of Balls, Max Bat Speed, Back Lift Angle and Average Shot Efficiency. Any parameter can be selected from the drop-down menu and its graph can be viewed.

The graph is shown week wise for a given month and you can change the week using the arrows provided in the right and left part of the graph.

Report sharing can be done by pressing the share icon at the top right corner of the Reports screen. The image can be shared via Email, Facebook, and WhatsApp.

SETTINGS

Profile Settings

Settings can be accessed from Profile page (top right corner icon). It is advised to set up your profile completely before proceeding to play actual cricket sessions where the accuracy of the parameters is important.

The Profile Settings menu has the following sections:

1. Switch Profile

Although switching profile is not recommended more than once, to switch the profile to Coach Mode the icon at the top right corner of the screen in settings page.

2. About Me

About Me contains First Name, Last Name, Email ID used for registration, Country, Phone number with Country Code, Date of Birth, Gender, Height, Weight and Change Password.

3. Bat

With this option, you can add your favourite bats which you would be using. You can add its picture and fill other details like Bat Type, Bat Size, Handle Length, Manufacturer, Model Name and Bat Name. After you are done filling these details can press 'ADD BAT'.

4. Game

This section manages details which affect your game.

'Game' contains the following options:

- i. Player Level: Beginner, Semi-Pro, Pro
- ii. Batting Preferences: Left or Right-Hand Batsman
- iii. Academy/School team

5. Coach

This section only appears when you are connected to a coach. This option gives brief details about your coach such as Profile Picture Name and Email Address. You can also disconnect your coach from this menu.

6. BatSense

This section will only work if you have a Sensor connected.If you do not have a Sensor connected, you can tap on 'ADD BATSENSE' and get connected to a Sensor to get more options.

After connecting to the sensor, the name of the sensor will be displayed on returning to BatSense. You can also perform the following operation in this section;

Clear Calibration - When you change your pitch or play location, you must use this option to get your BatSense calibrated to a new location otherwise the data that you will get maybe incorrect.

Non-Profile Settings

1. Data-Sync

i. Only Sync on Wi-fi

When enabled, your mobile data will not be used.

ii. Sync Now

This option can be used to force sync the data to the cloud and from cloud to phone, in case you want to see the Reports immediately. If not, then the Reports will be updated every 20 minutes provided there is an active internet connection.

2.Camera

i. Video Capture

This option can be used to change the camera from front to back.

ii. Auto Capture

If you do not want to press record every time you visit Smart Video you can enable Auto Capture which will start the recording immediately when Smart Video is pressed, and trim automatically after 8 seconds of footage.

iii. Resolution

High, Medium and Low*.

***Note:** The resolution and quality may vary from phone to phone.

3. Help

This section contains the app version, various links and information about Smart Cricket BatSense. Data will be available when you sign up again.

Warning: Once the account is deleted permanently, no previous data will be available when you sign up again.

Warning

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

b) 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.

c) 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.

FCC ID:2ATJD-LDX2019

73 x 98 mm