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Certified Brands FSKIT1102

Full Swing KIT Golf Launch Monitor and Simulator

Model: FSKIT1102 | Brand: Certified Brands

1. INTRODUCTION

The Certified Brands Full Swing KIT FSKIT1102 is an advanced golf launch monitor and simulator designed to provide comprehensive data on your golf swing and ball flight. Utilizing 5D AI Machine Learning Radar technology, it captures 16 critical data points to help golfers analyze and improve their game. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Full Swing KIT.



Image 1.1: The Full Swing KIT Golf Launch Monitor.

2. PACKAGE CONTENTS

Before proceeding with the setup, please ensure all components are present in your package:

- Full Swing KIT Golf Launch Monitor
- Signature Series Power Bundle (includes charger and power bank)
- Signature Gift Wrap (packaging)
- Protective Carrying Case

ENHANCED RADAR

The 5D Machine-Learning Enhanced Radar is the most innovative radar technology, patented to get the most accurate readings in a more compact design.

4K CAMERA OUTPUT

You need to see your golf swing in high resolution to best analyze what's happening. We went with a camera for just that and made sure you can review and share to make the adjustments that count.



Image 2.1: Protective Carrying Case for the Full Swing KIT.



FULL SWING APP

View, store, and share your shot data and swing videos using on-board wifi and Bluetooth. Track trends over time to see where you're improving and what needs attention. Customize and rearrange the metrics you see on your heads-up display.

Compatible with all your Apple devices

Image 2.2: Signature Series Power Bundle.

3. SETUP

3.1 Initial Charging

Before first use, fully charge your Full Swing KIT using the provided power bundle. The device contains 1 Lithium Ion battery (included) with an approximate battery life of 5 hours.

3.2 Device Placement

The Full Swing KIT is designed for easy setup. Place the device on a stable, level surface behind your hitting area. There is no need for alignment sticks, leveling calibration, or stickers. Use the on-unit buttons or the Full Swing app's video alignment feature to quickly align the device to your target in seconds.



Image 3.1: Proper placement of the Full Swing KIT on a golf range.

3.3 Power On and Connectivity

1. Press and hold the power button to turn on the Full Swing KIT.
2. Download the free Full Swing app on your iOS device (iPhone, iPad, Apple Watch).
3. Enable Bluetooth and Wi-Fi on your iOS device.
4. Open the Full Swing app and follow the on-screen instructions to pair your KIT via Bluetooth and connect to Wi-Fi.



Image 3.2: Full Swing KIT connected to multiple Apple devices.

4. OPERATING INSTRUCTIONS

4.1 Using the Display and Controls

The Full Swing KIT features a 5.3-inch display with 1920x1080 resolution. Use the on-unit buttons for basic navigation and club selection. The display shows real-time data points after each shot.



Image 4.1: Full Swing KIT display showing carry distance.

4.2 Understanding Data Points

The Full Swing KIT captures 16 points of club and ball data, powered by its machine-learning enhanced radar. These metrics are crucial for detailed swing analysis:

- **Carry Distance:** The distance the ball travels in the air.
- **Total Distance:** The total distance the ball travels, including roll.
- **Spin Rate:** The rate at which the ball spins after impact (RPM).
- **Spin Axis:** The tilt of the ball's spin relative to the target line.
- **Face Angle:** The direction the clubface is pointing at impact relative to the target.
- **Face to Path:** The angle between the clubface and the club path at impact.
- **Attack Angle:** The vertical angle of the clubhead's approach to the ball at impact.
- **Launch Angle:** The vertical angle at which the ball leaves the clubface.
- **Ball Speed:** The speed of the golf ball immediately after impact.
- **Club Speed:** The speed of the clubhead just before impact.
- **Smash Factor:** The ratio of ball speed to club speed, indicating energy transfer efficiency.

- **Club Path:** The direction the clubhead is moving at impact relative to the target line.
- **Horizontal Angle:** The horizontal angle at which the ball leaves the clubface.
- **Apex Height:** The maximum height the ball reaches during its flight.
- **Side Carry Distance:** The horizontal distance the ball carries from the target line.
- **Side Total Distance:** The total horizontal distance the ball travels from the target line.

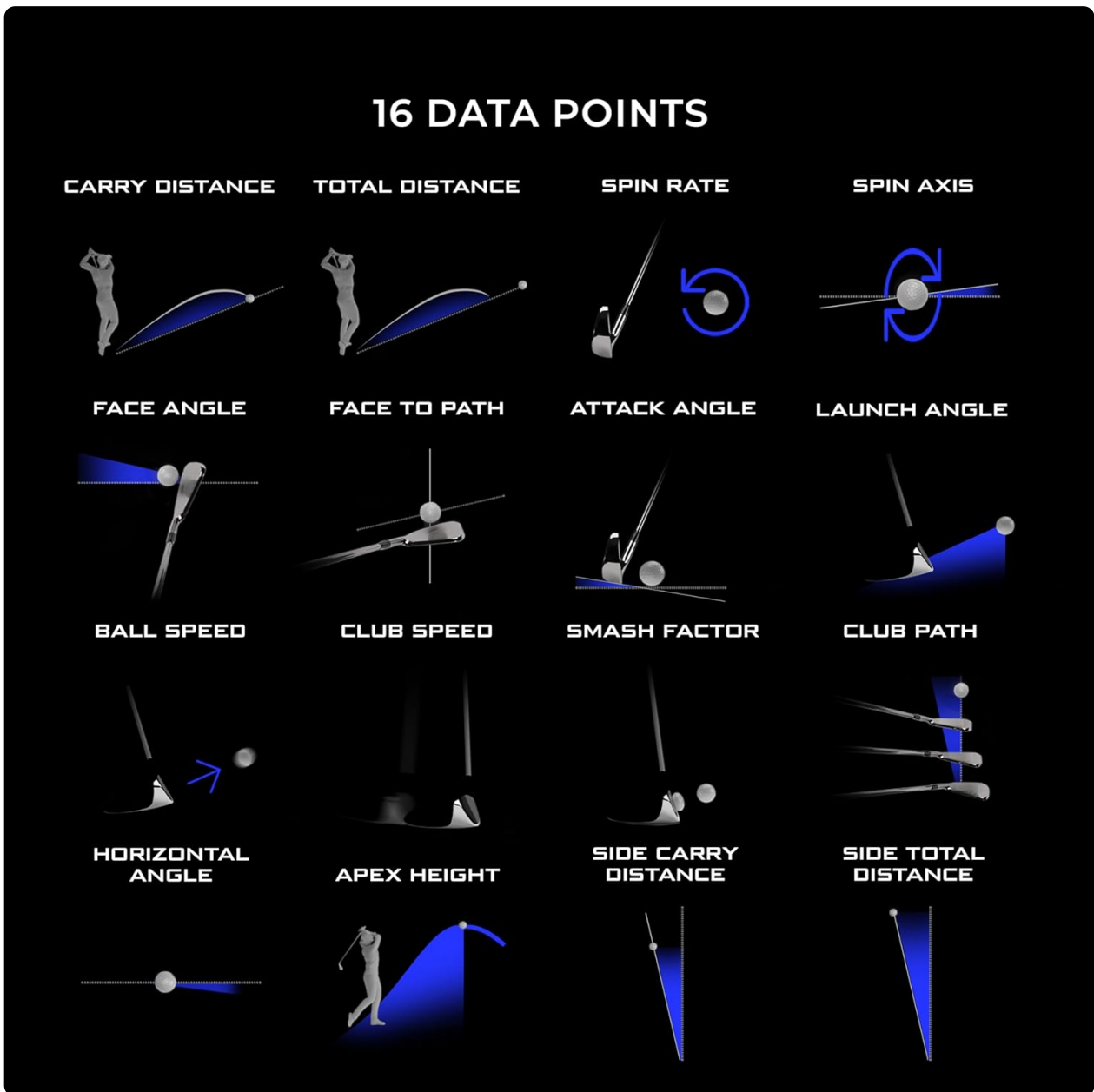


Image 4.2: Visual representation of the 16 data points.

16 SWING METRICS

Carry Distance	Ball Speed
Total Distance	Club Speed
Spin Rate	Smash Factor
Spin Axis	Club Path
Face Angle	Horizontal Angle
Face to Path	Apex Height
Attack Angle	Side Carry Distance
Launch Angle	Total Distance



Image 4.3: Detailed view of swing metrics on a tablet.

4.3 4K Camera Output

The built-in 4K camera provides 1080p output, allowing you to record and review your golf swing in high resolution. This visual feedback is essential for identifying and making adjustments to your technique. Videos can be viewed and shared through the Full Swing app.



Image 4.4: Internal view highlighting the 4K camera and radar technology.

4.4 Full Swing App Integration

The free Full Swing app (available for iOS devices) allows you to view, store, and share your shot data and swing videos. You can track trends over time, customize the metrics displayed on the device, and seamlessly connect with your Apple Watch, iPhone, and iPad.



Image 4.5: Using the Full Swing app on an iPhone.



Image 4.6: Full Swing App interface on Apple Watch and iPhone.

4.5 E6 Connect Simulator

The Full Swing KIT includes the E6 Connect Perpetual Package, offering 5 courses and 15 practice areas for use with your iPhone or iPad. This allows for a full golf simulation experience.

Included Courses:

- Aviara Golf Club & Resort
- The Belfry
- Sanctuary
- Stone Canyon Golf Club
- Wade Hampton

E6 CONNECT SIMULATOR

Full Swing KIT comes with the E6 Connect Perpetual Package that includes 5 courses and 15 practice areas for your iPhone or iPad.

Included Courses:

- Aviara Golf Club & Resort
- The Belfry
- Sanctuary
- Stone Canyon Golf Club
- Wade Hampton



Image 4.7: E6 Connect Simulator interface on a tablet.



Image 4.8: Full Swing KIT integrated into a golf simulator setup.

5. MAINTENANCE

5.1 Cleaning

Wipe the device with a soft, dry cloth. Do not use abrasive cleaners or solvents. Ensure the camera lens and radar sensors are free from dirt and debris for optimal performance.

5.2 Storage

Store the Full Swing KIT in its protective carrying case when not in use. Avoid exposing the device to extreme temperatures or direct sunlight for extended periods.

5.3 Battery Care

To prolong battery life, avoid fully discharging the device frequently. Charge the battery regularly, even if the device is not in active use for extended periods.

6. TROUBLESHOOTING

6.1 Device Not Powering On

- Ensure the device is fully charged. Connect it to the power adapter and allow it to charge for at least 30 minutes before attempting to power on again.
- Check the power button for any obstruction or damage.

6.2 Connectivity Issues (Bluetooth/Wi-Fi)

- Ensure Bluetooth and Wi-Fi are enabled on your iOS device.
- Restart both the Full Swing KIT and your iOS device.
- Ensure your device is within range of the Full Swing KIT.
- If issues persist, try unpairing and re-pairing the device in the Full Swing app settings.

6.3 Inaccurate Data Readings

- Verify the device is correctly aligned with your target using the video alignment feature.
- Ensure the radar sensors and camera lens are clean and free from obstructions.
- Confirm you have selected the correct club type in the device settings or app.
- Ensure there are no reflective surfaces or objects directly in the path of the radar.

7. SPECIFICATIONS

Feature	Detail
Model Number	FSKIT1102
Item Weight	4 Pounds
Product Dimensions	6.57 x 2.32 x 10.23 inches
Batteries	1 Lithium Ion battery (included)
Display Size	5.3 Inches
Display Resolution	1920x1080
Battery Life	5 Hours
Connectivity Technology	Bluetooth, Wi-Fi
Special Features	Machine-Learning Enhanced Radar, Built-In 4K Camera, Multi-Device Support
Mounting Type	Handheld

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The Full Swing KIT FSKIT1102 comes with a **1 Year Limited Warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact Certified Brands customer support. Refer to the contact information provided in your product packaging or visit the official Certified Brands website for support resources.

9. PRODUCT VIDEOS

9.1 Full Swing KIT Overview (4:21)

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Video 9.1: A comprehensive overview of the Full Swing KIT's features and benefits.

9.2 Quick Start Guide (2:14)

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Video 9.2: A quick guide to setting up and getting started with your Full Swing KIT.

9.3 Advanced Features Deep Dive (11:16)

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Video 9.3: An in-depth look at the advanced functionalities and data analysis capabilities.

9.4 Vertical Alignment Guide (6:14)

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Video 9.4: Instructions for achieving optimal vertical alignment of the Full Swing KIT.

9.5 App Connectivity Tutorial (2:12)

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Video 9.5: A tutorial on connecting your Full Swing KIT to the mobile app via Bluetooth and Wi-Fi.

9.6 Data Points Explained (1:22)

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Video 9.6: A brief explanation of the 16 data points captured by the Full Swing KIT.