THANK YOU FOR CHOOSING THE GCQUAD

We listened to what you wanted - and created the most accurate, versatile and game-enhancing ball and club analysis solution available today.

The GCQuad is designed to deliver years of trusted, reliable performance. From range practice to full immersion simulation, whether for education or entertainment, the GCQuad will truly change your game.

This user manual will help you better understand the proper set-up, operation, and care of your GCQuad. Please read it carefully and refer to it should an issue arise during use. If you need more assistance, please contact our customer service team for prompt, personal attention.

WELCOME TO THE REVOLUTION
INCLUDED WITH YOUR GCQuad PERFORMANCE PACKAGE

- GCQuad Quadrascopic System
- Power Adapter/Cable
  - Input: 100-240VAC 50-60Hz
  - Output: 15VDC 2.4 Aamps
- GCQuad Lithium Battery
- Club Marker Dispenser
- Reflective Alignment Stick
- USB Type-C Cable

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**OVERVIEW**

**FRONT**

- **POWER BUTTON**
  Turns device on/off

- **LCD DISPLAY**
  Displays ball placement graphic, ball and club data, and system options menu

- **4 TRACKING CAMERAS**
  High speed cameras used for ball placement and tracking

**BACK**

- **POWER LED INDICATOR**
  Indicates whether the GCQuad is receiving power through the power adapter

- **POWER PORT**
  Connector for the power adapter (included) to recharge the battery or to operate on external power

- **USB TYPE-C PORT**
  Connector for USB Type-C cable (included) to connect to external PC (optional)

- **ETHERNET PORT**
  Connector for Ethernet cable (not included) to connect to network or external PC (optional)

- **CARRYING HANDLE**
  A handle for carrying the device
LCD DISPLAY

DISPLAY BACKLIGHT
Illuminates the display for better viewing in low light situations

BACK KEY
Return to previous screen

OK KEY
Used to access Main Menu and select system options

LEFT HANDED TRACKING
Switches GCQuad to left handed tracking mode, indicated by the blinking LED

POWER BUTTON
Turns device on/off

CURSOR KEYS
Used to toggle between ball/club data and navigate system options

RIGHT HANDED TRACKING
Switches GCQuad to right handed tracking mode, indicated by the blinking LED

SERIAL NUMBER LABEL
Indicates product serial number and MAC address

BATTERY RELEASE LEVERS
Used to release removable battery from the GCQuad

KICKSTAND
Deployed to provide stability on uneven surfaces

BATTERY
Removable lithium-ion power pack
To properly use the GCQuad, place the device upright on a level surface approximately 22” away from the hitting area. If a hitting mat is used, make sure the device is raised to the same level as the hitting surface. For extra stability on uneven surfaces, the kickstand can be deployed at the bottom of the unit.

To power on the GCQuad, press and release the power button. The device will display a start-up screen showing battery life, serial number, and firmware version. This will take approximately 30 seconds. The LED indicator will blink green once the GCQuad is ready for tracking.

To power off the GCQuad, press and release the power button again. The device will initiate its shutdown sequence and the LCD screen and LED indicator will turn off.
The GCQuad Menu Options screen is accessible by selecting the OK key. The Main Menu consists of 5 options: Club Tracking, Target Alignment, Settings, Diagnostics, and About. Use the arrow keys to select an option and the OK key to enter a screen. To return to the Main Menu from inside an options screen, or to exit the Main Menu, press the back key.
When club tracking is turned off, the GCQuad will track only the golf ball. In this mode, the device will have an LED indicator color of blue and a larger hitting zone. When club tracking is turned on, the GCQuad will track both the golf ball and golf club (with the club markers applied). In this mode, the device will have an LED indicator color of green and a smaller hitting zone. The device will always be started with club tracking set to ON.
TARGET ALIGNMENT

The target alignment screen shows the current alignment configuration of the device. If alignment has been adjusted via the FSS Alignment Stick, the new alignment angle will be shown on screen.

To reset alignment to factory default, press the OK key.

SETTING DISPLAY OPTIONS

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DIAGNOSTICS

There are two diagnostics screens, which can be cycled using the arrow keys. The first (default) diagnostics screen shows battery information, available flash memory, and shot/session information.

Accelerometer and barometer sensor data is displayed on screen 2.

The last shot taken can be saved on either screen by pressing the OK key 3 times. During shot saving, the file names will be displayed. Shot saving can take up to 60 seconds.

ABOUT

There are two about screens, which can be cycled using the arrow keys. The first (default) about screen displays the GCQuad model, serial number, firmware build version, date of manufacture, and hardware version.

Patent information is displayed on screen 2.
Switching between right and left handed mode can be done using the right-handed and left-handed tracking keys on the LCD screen. The current mode can be determined by the LED indicator.

Once a ball has been located by the camera, the on-screen placement aid will appear and text will indicate one of the following device statuses.

**Ball Only**
- Ball within the hitting zone

**Ball & Club**
- Ball outside the hitting zone
- More than one ball detected
- No ball detected by camera

The GCQuad on-screen placement aid displays the golf ball position relative to the hitting zone. The center of the zone sits approximately 22” from the front of the GCQuad, and the zone varies in size depending on the mode. The zone is approximately 14” x 14” with Club Tracking enabled, and 18” x 14” with Club Tracking disabled.
APPLYING CLUB MARKERS

In order to capture club data with the GCQuad, club markers must be applied to the clubface. To apply markers using the dispenser (included):

1. Turn the wheel clockwise to dispense a club marker

2. Clean the clubface with an alcohol pad or water

3. Place club marker at the desired location on the clubface, adhesive side down (see images for correct fiducial placement)

4. Firmly apply pressure to the marker with your finger and gently pull the tab away, leaving only the marker on the clubface

DATA CAPTURED WITH 4 MARKERS
- Clubhead Speed
- Smash Factor
- Attack Angle
- Swing Path
- Face Angle
- Loft
- Lie

DATA CAPTURED WITH 1 MARKER
- Clubhead Speed
- Smash Factor
- Attack Angle
- Swing Path
Four Marker Placement for Drivers

1. Count the club’s score lines to determine the vertical center of the club face.
   Note: For clubs with an even number of score lines, the vertical face center will be between the center two score lines. For clubs with an odd number of score lines, the vertical face center will be directly on the center score line.

2. Carefully apply the first two markers along the vertical center of the face near the outer edge of the score lines,* keeping both markers level with each other.
   The center point between these two markers will define the horizontal center of the face.

3. Carefully apply the last two markers on the toe of the club face at the top and bottom edges of the ball strike zone.

*Place marker about 1 marker width from the edge of the score line
FOUR MARKER PLACEMENT FOR IRONS

1. From the bottom of the club, count score lines up to find the approximate vertical hitting center.

2. Carefully apply the first two markers between the sixth and seventh score lines at the toe and heel, keeping both markers level with each other. The center point between these two markers will define the horizontal center of the face.

3. Carefully apply the last two markers on the toe of the club face at the top and bottom edges of the ball strike zone.
For best results, place the marker high on the clubface and as close to the horizontal center as possible.
After a few seconds, both LED indicators will show yellow and the unit will give an audible tone. The new alignment angle will be shown on the LCD screen.

Alignment can be viewed and reset at any time from the Target Alignment menu in System Options. To reset alignment to factory default in this screen, press the OK key. Alignment is always reset when the unit is powered off.

Target alignment can be adjusted up to 10° on the GCQuad via the FSS Alignment Stick. To adjust alignment, place the FSS Alignment Stick in the GCQuad hitting zone and align to your target. Once aligned, step away from the device to allow for it to calibrate.
**CONNECTING THE DEVICE**

The GCQuad can be physically connected to other devices by USB, Ethernet, and WiFi.

**BATTERY CARE**

**REMOVING THE BATTERY**

1. Turn the unit off and disconnect from external power source
2. Deploy the kickstand at the bottom of the unit to expose the battery
3. Firmly press on the blue battery release levers in the direction indicated on the battery
4. Once battery is released, gently remove from the device

**IMPORTANT!** Do not use the USB Type-C or Power Cables provided on ANY devices other than GCQuad.
PROPER BATTERY CARE

The battery in your GCQuad has been designed to provide safe, reliable operation. However, the life of your GCQuad battery and its ability to hold an adequate charge is dependent upon a regular routine of fully discharging and recharging the battery. Without regularly performing this discharge/recharge routine, the GCQuad battery life expectancy can be compromised significantly.

INSERTING A NEW BATTERY

1 With kickstand deployed, properly align battery as shown
2 Gently slide battery into device
3 Once inside, firmly press on battery to lock into place

IMPORTANT! Your GCQuad battery should be fully discharged and recharged at least once a month. This includes batteries in storage, as well as batteries in GCQuad devices operating on continuous AC power.

Failure to abide by this routine may cause the battery to lose its ability to recharge or hold an adequate charge, and will require replacement at the customer’s expense.
Storage and Maintenance

Prior to storing the GCQuad, always make sure the device is powered off and the battery is removed. Foresight Sports strongly recommends storing the GCQuad in a cool, dry environment in its original foam-lined packaging or specially designed carrying case to prevent damage.

How to Store the GCQuad

Safety

- If foreign objects or water has entered the device, disconnect the device from external power, turn the power off, and remove the battery. Continued use in this state can cause fire or electric shock.
- DO NOT disassemble, change, or attempt to repair the device. This could result in electric shock and will void the manufacturer’s warranty.
- DO NOT use this device in environments where high humidity, smoke, or dust is present.
- To avoid possible injury, DO NOT look directly into the device when it is turned on.
- The GCQuad has been designed to withstand ball impact. However, if the device enclosure or LCD display has been damaged due to a ball impact or for any other reason, turn power off and discontinue use.
- Use only the power adapter that came with the device. Using any other power adapter or charger may cause damage to the GCQuad or battery, and may cause fire or injury.
- The GCQuad uses four digital cameras that are precisely calibrated. Do not drop or subject the device to any impacts that may cause shock.
- After use, always store the GCQuad in a safe, dry, and dust-free environment.
QUESTIONS?

We’re here to help. For product related issues or questions, please contact our customer support team at 858.880.0179 or online at support@foresightsports.com.