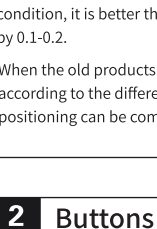


P-GEAR Laptimer

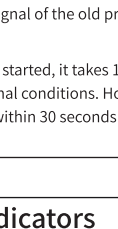
(P610) User Manual

1 Reminders

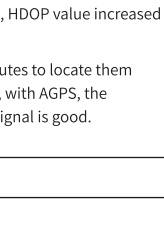
Please check all accessories when opening the package:



One P-Gear



connect USB cable

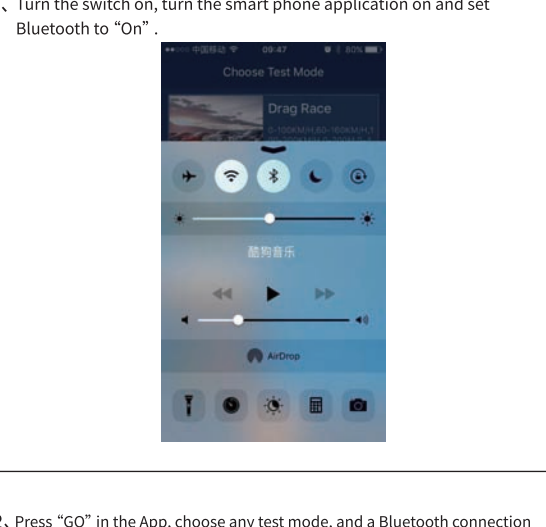


Equipment support

The new PGEAR uses an integrated motherboard, It and PGEAR box are simultaneously optimized and matched by network analyzer. In the same condition, it is better than the signal of the old products, HDOP value increased by 0.1-0.2.

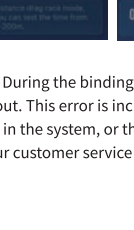
When the old products are cold started, it takes 1-2 minutes to locate them according to the different external conditions. However, with AGPS, the positioning can be completed within 30 seconds if the signal is good.

2 Buttons & Indicators

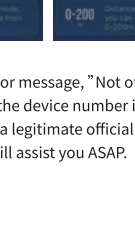


attention:

Underneath the P-GEAR logo is the GPS receiver antenna. Please keep the logo pointing upward to the sky at all time (very important). Do not block the device from GPS signals with any metal objects or window films that contain metal. Any blockage may result in GPS data inaccuracy.



Keep this logo facing up

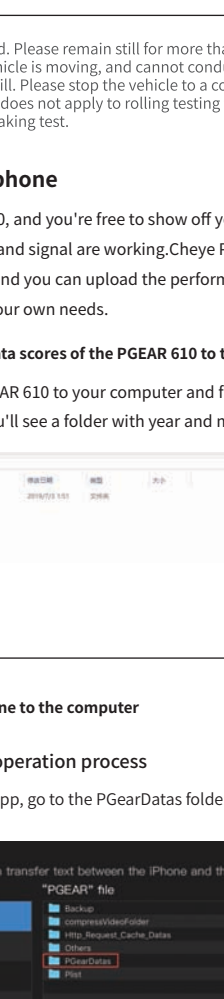


Do not block with metals

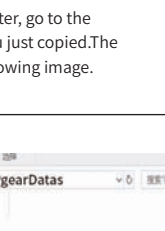
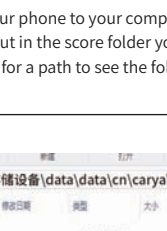
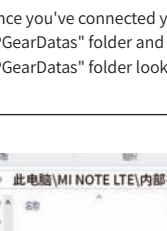
3 Device Binding

Use with mobile phone

- 1、Turn the switch on, turn the smart phone application on and set Bluetooth to "On".

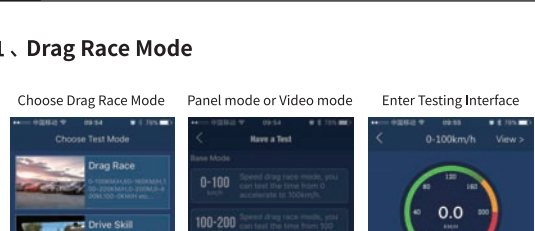


- 2、Press "GO" in the App, choose any test mode, and a Bluetooth connection window pops out. Choose a valid P-GEAR, connect and bind the device. (Attention: DO NOT connect the device in system's Setup)



Attention: During the binding process, an error message, "Not official device", may pop out. This error is incurred because the device number is not yet registered in the system, or the device is not a legitimate official device. Please contact our customer service and our staff will assist you ASAP.

Take the linear mode test as an example:



Attention: In the Testing Interface, you may hear some voice reminders, such as "Poor GPS Signals" – This indicates that GPS has not located your position or the signals are not stable. Please drive to an open area, or wait for a short while till the signals stabilize. Please check the GPS Signals readings. If the reading is above 0.5 and below 1.0 and remains stable without fluctuation, the signals are excellent. Otherwise please adjust the position of P-Gear or drive to an open area without blockage.

"System check complete. Good to go" – This indicates that system has gone through checks and is ready for testing.

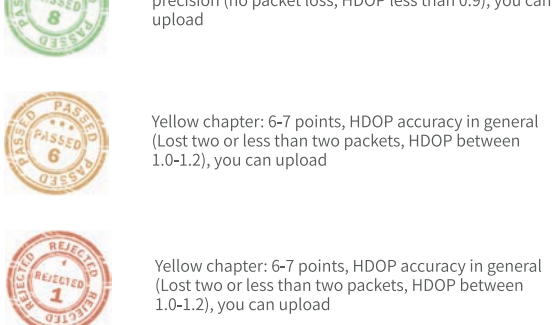
"Movement is detected. Please remain still for more than 2 seconds." – This indicates that your vehicle is moving, and cannot conduct testing types that starts from standing still. Please stop the vehicle to a complete stop and start testing. This reminder does not apply to rolling testing types such as 100-200 km/h or 100-0km/h braking test.

3. Get off your phone

Turn on the PGEAR 610, and you're free to show off your driving skills, as long as the legal field and signal are working. Cheye PGEAR-610 will record all your driving data, and you can upload the performance data in different modes according to your own needs.

How do I export the data scores of the PGEAR 610 to the phone

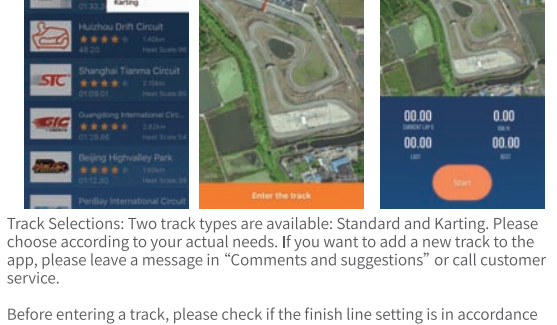
First, connect the PGEAR 610 to your computer and find the "PgearDatas" folder. Click in and you'll see a folder with year and month notes.



Then connect the phone to the computer

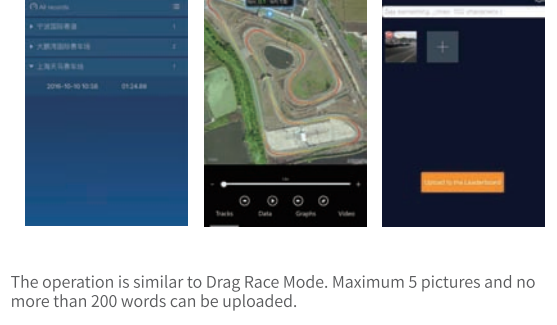
IOS mobile phone operation process

Click on cheya in the app, go to the PgearDats folder, and put in the results folder you just copied.

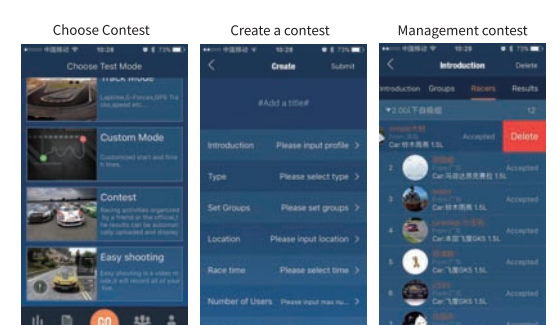


Android phone operating procedures

Once you've connected your phone to your computer, go to the "PgearDats" folder and put in the score folder you just copied. The "PgearDats" folder looks for a path to see the following image.

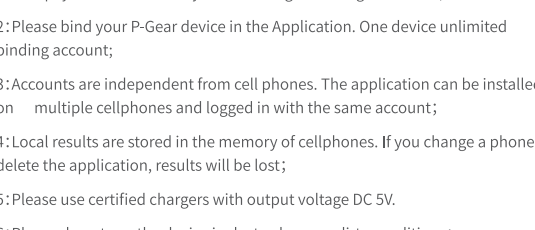


Finally, open the "car ya" mobile APP, click "my" → "my car ya" on the main interface → "data file" in the upper right corner, select the date you want to upload, and then click "generate straight corner" or "generate track score".

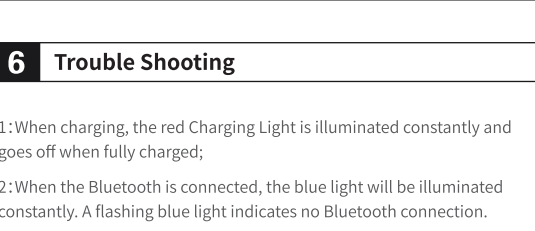


4 Testing Modes and Result Upload

1、 Drag Race Mode



2、 Mixed mode of Drag Race



Attention: In the Testing Interface, you may hear some voice reminders, such as "Poor GPS Signals" – This indicates that GPS has not located your position or the signals are not stable. Please drive to an open area, or wait for a short while till the signals stabilize. Please check the GPS Signals readings. If the reading is above 0.5 and below 1.0 and remains stable without fluctuation, the signals are excellent. Otherwise please adjust the position of P-Gear or drive to an open area without blockage.

"System check complete. Good to go" – This indicates that system has gone through checks and is ready for testing.

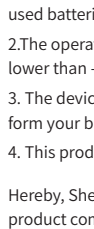
"Movement is detected. Please remain still for more than 2 seconds." – This indicates that your vehicle is moving, and cannot conduct testing types that starts from standing still. Please stop the vehicle to a complete stop and start testing. This reminder does not apply to rolling testing types such as 100-200 km/h or 100-0km/h braking test.

3. Drag Race Mode Results Viewing and Uploading

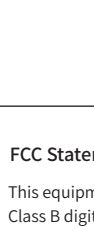
Testing results will pop out automatically when testing is finished. All results can be viewed in "My" "My Career" in the main page.



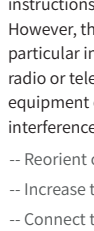
Explanation to the Result Details :



Green chapter: Green chapter: 8-10 points, HDOP high precision (no packet loss, HDOP less than 0.9), you can upload



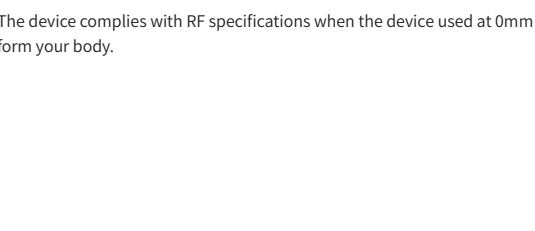
Yellow chapter: 6-7 points, HDOP accuracy in general (Lost two or less than two packets, HDOP between 1.0-1.2), you can upload



Yellow chapter: 6-7 points, HDOP accuracy in general (Lost two or less than two packets, HDOP between 1.0-1.2), you can upload

Attention: A reminder "Results uploaded. Awaiting review." will show after results are uploaded. Review takes one to two days, after which a message will be sent to notify user about whether the results are approved or denied (along with reasons for denial). Contact customer service for any questions.

4、 Track Modes



Track Selections: Two track types are available: Standard and Karting. Please choose according to your actual needs. If you want to add a new track to the app, please leave a message in "Comments and suggestions" or call customer service.

Before entering a track, please check if the finish line setting is in accordance with the actual one. If there is any difference, please press "Update Finish Line" to set a new one. Follow the instructions in the App and our Staff will process your new entry ASAP.

Press Enter Track and press Star, and when vehicle passes the finish line, timing will start automatically and lap times will be recorded until "Slide to end race" bar is slid. Lap times will automatically show, and can also be viewed in My Career.

5、 View Lap Times and Upload

The operation is similar to Drag Race Mode. Maximum 5 pictures and no more than 200 words can be uploaded.

6、 Contest

After creating the contest, it will appear in the "find contest" list, the user click on the name of the contest can participate in the registration. Click "Contest" name, connect P-GEAR to the device.

5 Cautions

- 1: Please abide by the laws and regulations of respective countries or regions. Please pay attention to safety while driving and using the device;
- 2: Please bind your P-Gear device in the Application. One device unlimited binding account;
- 3: Accounts are independent from cell phones. The application can be installed on multiple cellphones and logged in with the same account;
- 4: Local results are stored in the memory of cellphones. If you change a phone or delete the application, results will be lost;
- 5: Please use certified chargers with output voltage DC 5V.
- 6: Please do not use the device in dusty, damp or dirty conditions;
- 7: The accuracy of the device can be affected by surroundings and positions of the device. Please use the device in open areas with the logo facing upward and un-blocked. Visible sky angle should be at least 120 degrees;
- 8: The max range of Bluetooth coverage for this device is 10 meters(33 feet) (open area without blockage)

6 Trouble Shooting

- 1: When charging, the red Charging Light is illuminated constantly and goes off when fully charged;
- 2: When the Bluetooth is connected, the blue light will be illuminated constantly. A flashing blue light indicates no Bluetooth connection.
- 3: The green GPS blinks when positioning is done. If the green light does not flash, please drive to open areas and wait 3-5 minutes and the light will blink;
- 4: Do not test when the GPS readings are fluctuating. Wait until the readings stabilize.

7 Warranty and Customer Service

- 1: Within 30 days from purchase
- 2: Warranty for the Device (excluding battery) is One Year
- 3: Warranty for the Battery is Six Months.
- 4: During the period of Warranty, repair is free. For Damage caused by misuse, costs of repair and replacements shall be borne by user(s).
- 5: Warranty does not cover the following
 - a) Damage caused by unauthorized disassembly or usage of non-original accessories
 - b) Misusage, including but not limited to falling, pressure, and soaking.
 - c) Expiration of warranty.

8 Contacts

Shenzhen CarYa Interactive Technology Co., LTD
Facebook: @PGEAR360
Website: www.pocketgear360.com
E-mail: eric@saferdragon.com.cn

CE Cautions

Bluetooth specification	
Operation Frequency:	2402~2480MHz
Maximum Power:	-2.63dBm(E.I.R.P.)

1. Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.
2. The operating temperature of the EUT can't exceed 55°C and shouldn't be lower than -5°C.
3. The device complies with RF specifications when the device used at 0mm from your body.
4. This product can be used across EU member states.

Hereby, Shenzhen CarYa Interactive Technology Co., LTD declares that the product compliance with essential requirements and other relevant provisions of Directive 2014/53/EU.

FCC Statements

This device 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.

§ 15.19 Labeling requirements.

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.

§ 15.21 Information to user.

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

The device complies with RF specifications when the device used at 0mm from your body.