

Important Safety Notice

This product contains sensitive electronic components and may be damaged when dropped, crashed or exposed to water. DO NOT open or attempt to repair Xplorer by yourself. Contact XIRO customer service or XIRO authorized dealer.

Key

- Hints and Tips
- Warning or Important
- Definitions

LED key

- OFF
- Blinking
- ON

Watch the Tutorial Video

Please use the link below to watch the tutorial videos for a safe and correct way to use the Xplorer series: <http://www.xirodrone.com/support>



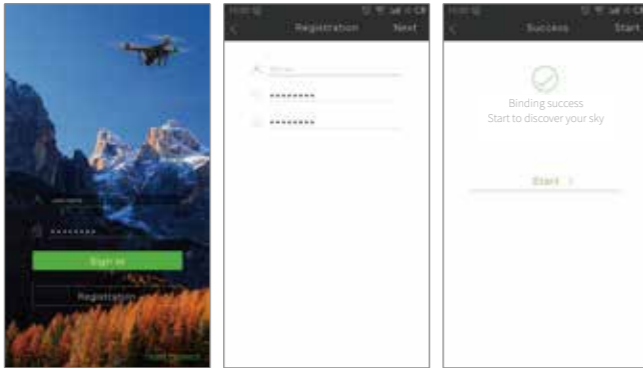
Downloads

Scan QR code at the right side to download and install the XIRO app.



Register and Login

Access the Internet for registration and login



2 The Remote Control

- GPS Flight Mode** More than 6 GPS satellites are available. The Xplorer is ready to fly. Location based functions are enabled.
- Attitude Flight Mode** Less than 6 GPS satellites are available. The Xplorer is ready to fly (without GPS). Location based functions are not enabled.
- HOME Point** The GPS position the Xplorer receives after achieving the GPS Flight Mode
- Return Home** Xplorer automatically returns to HOME point. Return Route: When the horizontal distance between HOME point and the Xplorer's position is less than 25 meters or its height is more than 20 meters, the Xplorer will fly back to HOME point at current height. When the distance between HOME point and Xplorer's position is more than 25 meters and its height is less than 20 meters, the Xplorer will first ascend to 20 meters and afterwards will fly back to HOME point.

3 Flight Level Selector

Flight Level	1	2	3
Flight Altitude (m)	50	120	* 120
Flight Distance (m)	100	300	* 600
Max.Horizontal Speed (m/s)	2	6	8
Max.Vertical Speed (m/s)	2	2	3
Attitude Flight Mode	Take Off prohibited	✓	✓
GPS Flight Mode	✓	✓	✓

* Adjustable in APP ground station function

Improper operation can lead to damages. An inexperienced user should always select Level 1. Now the Xplorer can only take off in GPS mode. An inexperienced user should operate the Xplorer in an open area to make sure it can enter GPS Flight mode.

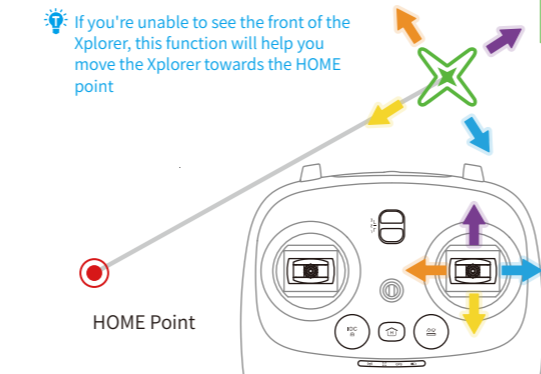
Return Home button

Location based functions. Enabled only in GPS Flight Mode. Press this button to call Xplorer back to HOME point. Press again after landing.

IOC button

Location based functions. Enabled only in GPS Flight Mode. Press the button to enter Intelligent Orientation Control mode. The Xplorer will ignore its current orientation, but use the HOME point as a reference. Push the stick forward: the Xplorer will fly away from the HOME point. Pull the stick backward: the Xplorer will fly towards HOME point.

If you're unable to see the front of the Xplorer, this function will help you move the Xplorer towards the HOME point



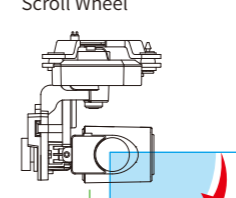
Wi-Fi Connection Indicator

- Gimbal/Range Extender connected
- Range Extender connected
- No Range Extender

Aircraft Connection indicator

- Aircraft connected
- Aircraft alarm

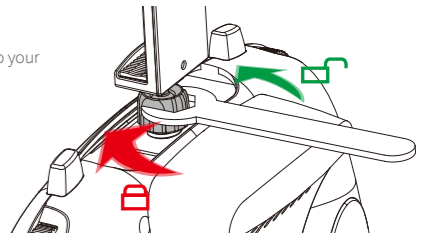
Camera Pitch Control Scroll Wheel



Retractable Mobile Device Holder

- Pull Out the holder.
- Place your mobile device.
- Adjust the angle of the holder to your desired position.

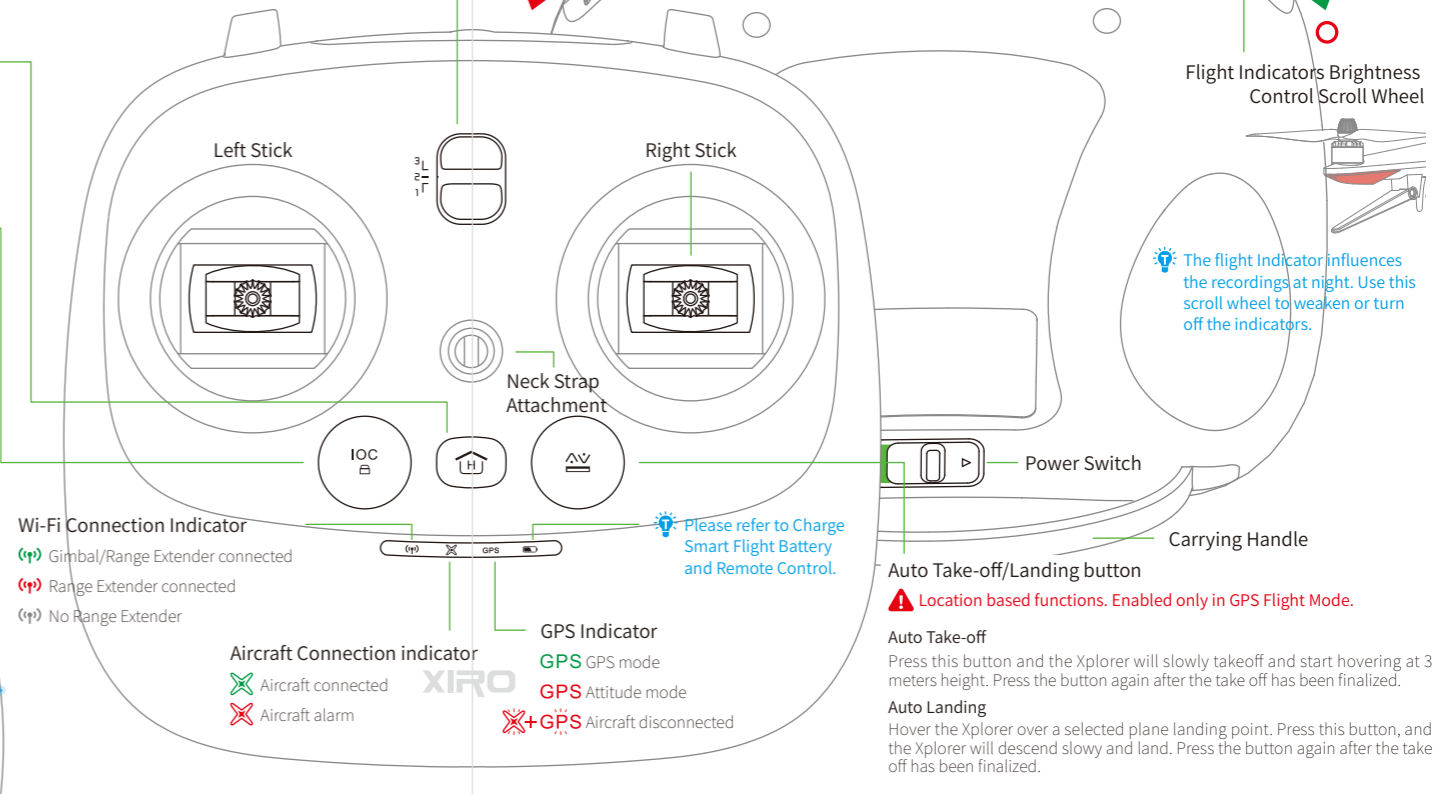
Push back the holder after use. The max. measurement of Mobile Devices supported: 78 mm X 100mm.



The universal joint may, after several times, become loose. Please use the wrench included to retighten.

Flight Indicators Brightness Control Scroll Wheel

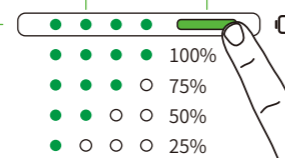
The flight indicator influences the recordings at night. Use this scroll wheel to weaken or turn off the indicators.



1 Charge Smart Flight Battery and Remote Control

Ensure Smart Flight Battery and Remote Control are fully charged before flying the Xplorer.

Battery Level Indicators

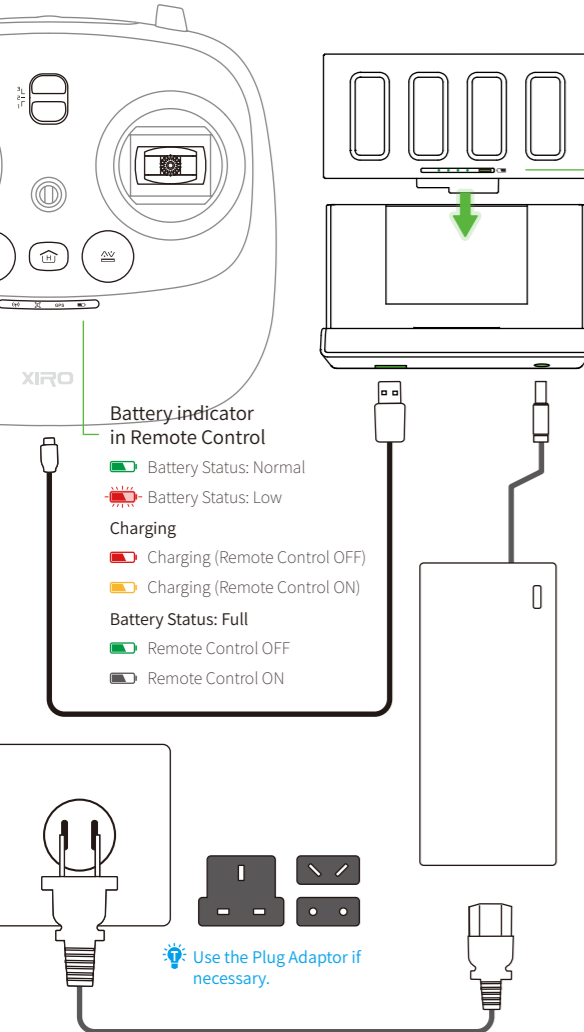


Charging

Indicator blinking
Battery Status: Full
All indicators OFF

Smart Flight Battery Safety Guideline

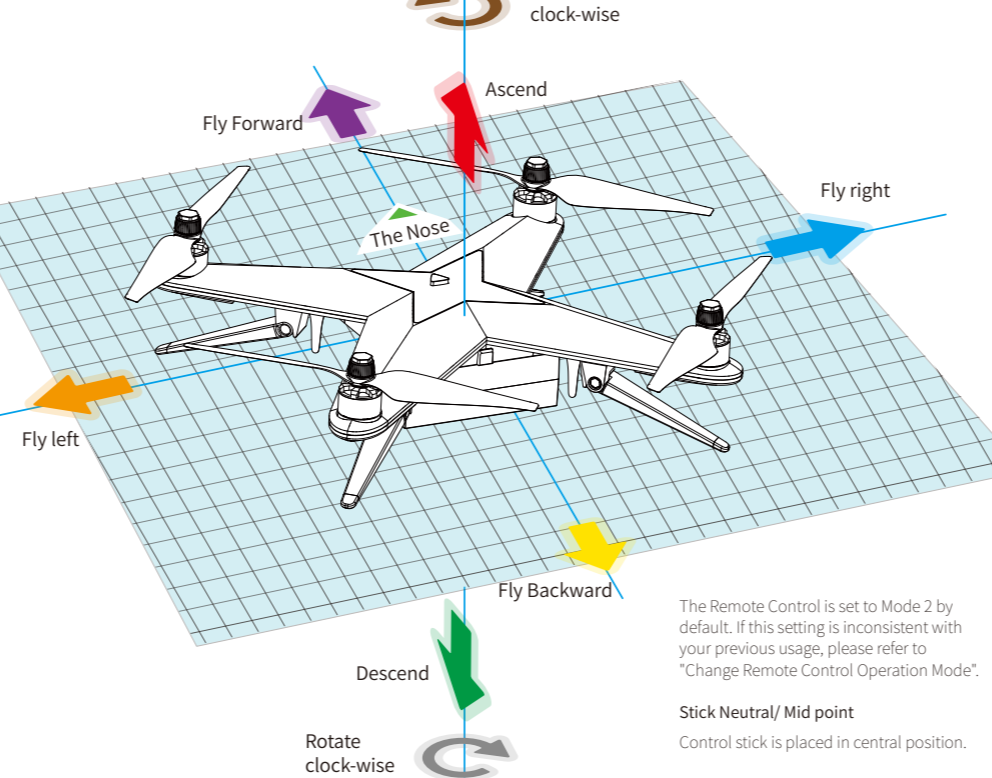
- Only use the XIRO battery and XIRO battery charger for the Xplorer. XIRO does not take any responsibility for damages caused by third party batteries or battery chargers.
- DO NOT charge battery immediately after flight.
- Replace the battery if this has been discharged over 300 times.
- Never recharge or use a (visually) defective battery.
- Please make sure that, when not in use for a long time, the battery is charged only 50% or less.
- Discharge the battery completely once every 20 charge/discharge cycles. This will optimize battery life.
- Please deliver used batteries to the designated battery disposal locations.
- If battery acid gets on your skin or in your eyes, immediate wash your skin or eyes with fresh water for at least 15 minutes and see your doctor immediately.
- Put out battery fire by using sand or us the dry powder extinguisher. DO NOT use water.



The Remote Control can be charged by PC or USB charger.

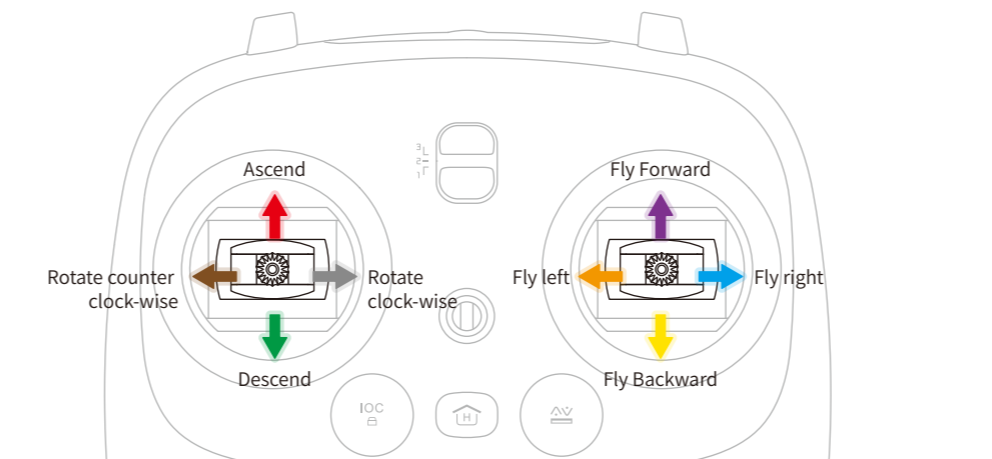
Please read the user manual and battery warnings before use. The user takes full responsibility for all operations and usage.

Remote Control Operation



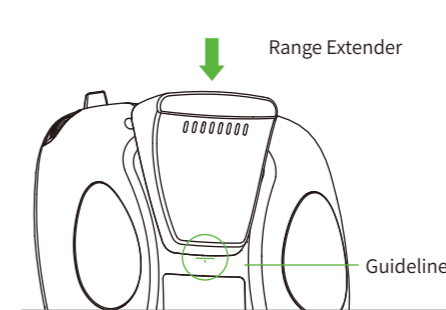
The Remote Control is set to Mode 2 by default. If this setting is inconsistent with your previous usage, please refer to "Change Remote Control Operation Mode".

Stick Neutral/ Mid point
Control stick is placed in central position.



Install Range Extender

* For Xplorer V / G only



- Turn off Remote Control.
- Place the Range Extender to the back of the Remote Control according to the Guideline.
- Push the Range Extender until a "click" is heard.
- Turn on Remote Control, the Wi-Fi connection Indicator turns RED means the Range Extender installed successfully.

Compliance Version Configuration

As transmission power level regulations can vary between different geographical locations, the Xplorer Remote Control's power output can be adjusted. Be sure to follow relevant local regulations.

Version	FCC	CE
Operating Distance	500	400

- Power OFF remote control.
- Push the stick as right figure and hold.
- Turn ON remote control. The Remote Control now is in Compliance Configuration Mode. Release stick when current setting is displayed:



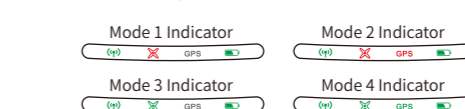
- Move the Camera pitch scroll wheel clockwise for CE and count clockwise for FCC.
- Turn OFF the remote control to finish configuration.

When the remote control is turned ON, 3 indicator in the right side will be blinking fast to show its current compliance setting. RED is FCC mode and Green is CE mode.

Change the Remote Control Operation Mode

Ignore this step if your remote has the correct settings and if you don't want to switch the stick functionalities from left hand to right hand.

- Power OFF Remote Control.
- Push the stick as right figure and hold.
- Turn ON remote control. The Remote Control now is in Operation Configuration Mode, release the stick when the current setting is displayed:



- Press the "return home" button until the indicators show your desired operation mode.
- Turn OFF remote Control to finish the configuration.

The Remote Control will store the settings.

