

INTRODUCTION

The CGO SteadyGrip™ is a ground handle designed to extend the CGO3 3-axis gyro stabilized camera from the sky to the ground, allowing you to capture amazing action shots easier than ever before. The camera pitch controller allows precise camera angle control on the go using your mobile device as a display. The Steady-Grip's ergonomic design is capable of holding up to a 6.4 inch mobile device.

The SteadyGrip™ paired with Yuneec's CGO3 Full-HD 3-Axis Stabilized Gimbal Camera System allows you to capture fluid footage right out the box. Please take the time to read through this entire instruction manual for more information on safety, battery charging, camera controls and more before filming your first hit video. Please also visit www.Yuneec.com for additional information including product updates, bulletins, videos and more.

CGO3 (available separately) is an innovative combination of 3-axis brushless gimbal, camera and digital video downlink.

The Self-Stabilizing gimbal makes it possible to capture amazing photographs and video footage for an array of uses. And the built-in digital video link delivers streaming video to 5.8GHz WiFi compatible iOS® and Android™ equipped devices including smart-phones and tablets as well as YUNEEC Personal Ground Stations.

WINDOWS SYSTEM REQUIREMENTS

Windows XP (Service Pack 2 or later) or Vista
3.2GHz Pentium 4 or faster
Minimum 4GB of system RAM

MAC SYSTEM REQUIREMENTS

Mac OS® X 10.4.11 or later
2.0GHz Intel Core Duo or faster
Minimum 4GB of system RAM

CGO3 APP COMPATIBLE DEVICES

Android:
Mobile Devices with 5.8GHz Support

Apple iOS:
iphone 5/5c/5s/6/6 Plus
ipad mini/mini+/3/4

SPECIFICATIONS

STEADYGRIP™

Height: 223mm (8.78 in)
Depth (front to back): 182mm (7.17 in)
Width: 70mm (2.76 in)
Weight (without gimbal/batteries): 200g (7.05 oz)
Angle Control Range (Pitch): 30° to -85°
Required Batteries: 2850mAh Energizer® 8x 1.5V AA Batteries (Sold Separately)
Runtime: 48-64 minutes (depending on usage)

CGO3

Dimension: 4.2x5.0x3.1in (106x128x80mm)
Weight: 6.9oz (195g)
Sensor: 1/2.3" CMOS
Effective Pixels: 12.4 Megapixels
Camera lens: 0.6in (14mm)/F2.8 (1.4in/35mm)
FOV: 115 Degree
Electronic Shutter: 1/30 — 1/8000
Working Temperature: 0-40 C
Power Consumption: 10W
Video Transmission Range: Up to 400m (1312ft)
Transmission System: 5.2Ghz — 5.8Ghz
Video UHD: 4K 30FPS

NOTICES AND WARNINGS

IMPORTANT NOTE: All safety precautions and warnings, instructions, warranties and other collateral information is subject to change at the sole discretion of Yuneec. For the most up-to-date information please visit the corresponding product page at www.Yuneec.com or contact the nearest Yuneec office or authorized distributor.

The following special language terms are used throughout the product literature to indicate various levels of potential harm when operating this product:

NOTICE: Procedures, which if not properly followed, create a possibility of property damage and/or little to no possibility of injury.

CAUTION: Procedures, which if not properly followed, create the probability of property damage and/or a possibility of injury.

WARNING: Procedures, which if not properly followed, create the probability of property damage, collateral damage and/or serious injury or create a high probability of superficial injury.

WARNING: Read the ENTIRE instruction manual to become familiar with the features of the product before operating. Failure to operate the product correctly can result in damage to the product, property and/or cause serious injury.

WARNING: This is a sophisticated consumer product. It must be operated with caution and common sense, and requires some basic mechanical ability. Failure to operate this product in a safe and responsible manner could result in damage to the product, property and/or cause serious injury. This product is not intended for use by children without direct adult supervision. Do not use with incompatible components or alter this product in any way outside of the instructions provided by Yuneec. The instruction manual contain instructions for safety, operation and maintenance. It is essential to read and follow all the instructions and warnings prior to assembly, setup and/or use in order to operate the product correctly and avoid damage or serious injury.

AGE RECOMMENDATION: NOT FOR CHILDREN UNDER 14 YEARS. THIS IS NOT A TOY.

GENERAL SAFETY PRECAUTIONS AND WARNINGS

WARNING: Failure to use this product in the intended manner as described in instruction manual can result in damage to the product, property and/or cause serious injury. This product is not a toy! If misused it can cause serious bodily harm and damage to property.

WARNING: As the user of this product you are solely and wholly responsible for operating it in a manner that does not endanger yourself and others or result in damage to the product or the property of others.

Always allow CGO3 and SteadyGrip™ to initialize properly by setting the Steady-Grip™ on a flat and stable surface prior to switching it on and allowing the Steady-Grip™ and CGO3 to initialize properly which sometimes takes about 4-8 seconds.

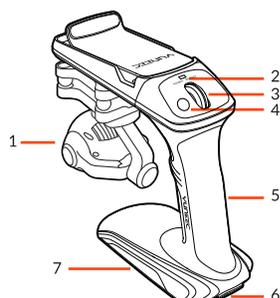
Always operate your SteadyGrip™ in a respectful and safe manner.

Do not attempt to operate your equipment in areas with potential magnetic and/or radio interference including areas nearby broadcast towers, power transmission stations, high voltage power lines, etc.

OVERVIEW

SteadyGrip™ Action Ground Handle for CGO Series Camera

1. CGO3
2. Main Status LED
3. Pitch Control Roller Wheel
4. Pitch Follow Button
5. Rubberized Ergonomic Grip
6. On/Off Switch
7. 8x AA Battery Compartment



BATTERY WARNINGS AND USAGE GUIDELINES

WARNING: Alkaline Batteries May explode or leak, and cause burn injury if recharged, disposed of in fire, mixed with a different battery type, inserted backwards or disassembled. Replace all batteries at the same time. Do not carry batteries loose in your pocket or purse. Do not remove the battery label.

WARNING: All instructions and precautions must be read and followed exactly and you must follow instructions of the battery manufacturer.

WARNING: procedures, which if not properly followed, create the probability of

property damage, collateral damage and serious injury or create a high probability of superficial injury.

Failure to exercise care while using this product and comply with the following conditions and guidance could result in product malfunction, excessive heat, fire, property damage, and ultimately injury. Lithium Ion batteries are not toys. For the purpose of the document Li-Ion, Li-Po, Li-Fe, NiCd or NiMH batteries will be described as "Batteries".

Handling and Storage:

- Never alter, puncture or impact Batteries or related components.
- Do not directly connect the terminals with metal objects. This will short-circuit Batteries, resulting in heat and electrical discharge.
- Never store loose Batteries together, the Batteries' terminals may contact one another causing a short circuit.
- Never expose Batteries to extreme temperatures or direct sunlight.
- Always disconnect Batteries when not in use.

Before the First Charge:

- Ensure batteries are not damaged, as this may cause a short circuit of fire.
- Always refer to your charger's manual to ensure safe operation.
- Always charge Batteries in an open area away from flammable materials, liquids and surfaces.
- Never charge Batteries that are hot to the touch (above 120°F)
- Never make wrong polarity connection when charging and discharging battery packs. Always double check polarity of battery's connector to make sure red wire to red wire and black wire to black wire.
- Please always use a smart charger (with automatic power cut-off function) to charge NiMH battery; charging NiMH battery without an attention may cause battery explode.
- When charging NiMH battery, please always put the battery in a water-proof place to avoid any accident happen.
- For larger battery pack (10Ah or larger) , please always use a smart charger with temperature sensor to avoid over heating which may cause the accident. NiMH batteries have higher energy than NiCd battery, but they have higher self discharging rate and shorter shelf life. Therefore, please always keep NiMH cells / battery pack in charged condition after using or before storing them.
- Suggest you charging NiMH batteries and packs at least every six months, otherwise NiMH battery will reduce capacity or dead. For safety reason, NiMH battery is usually shipped without fully charged. You must charging NiMH battery before use, and allow 3-5 cycles of charging and discharging for battery capacity to recover.

Additional Guidelines and Warnings:

• In the event of a crash, always quickly and safely disconnect and remove Batteries from the model. Then follow the previously listed safety procedures.

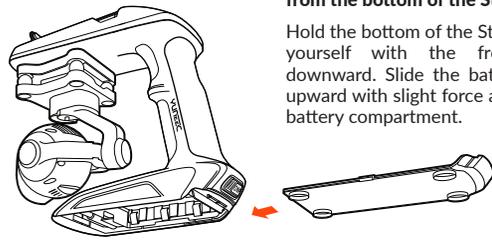
• If the internal contents of Batteries come into contact with your skin, wash the affected area(s) with soap and water immediately. If it comes into contact with your eye(s), flush them with generous amounts of water for 15 minutes and seek immediately medical attention.

INSTALLING THE AA BATTERIES

WARNING: Alkaline Batteries May explode or leak, and cause burn injury if recharged, disposed of in fire, mixed with a different battery type, inserted backwards or disassembled. Replace all batteries at the same time. Do not carry batteries loose in your pocket or purse. Do not remove the battery label.

STEP 1) Remove the Battery Cover / Door from the bottom of the SteadyGrip™

Hold the bottom of the SteadyGrip™ toward yourself with the front part facing downward. Slide the battery cover / door upward with slight force and inspect the AA battery compartment.



STEP 2) Install 8x AA Batteries

The use of rechargeable batteries is strongly recommended. Alkaline batteries only support the device to work 15 minutes.



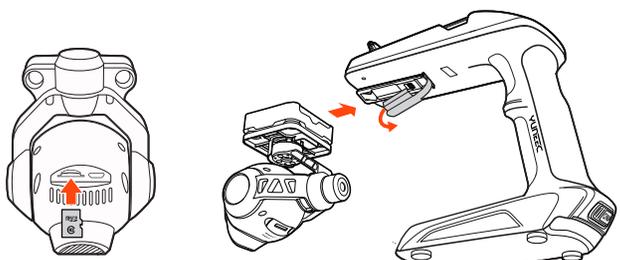
STEP 3) Re-installing the Battery Cover / Door on the bottom of the SteadyGrip™

Once you've installed 8 fresh AA batteries, Hold the bottom of the SteadyGrip™ toward yourself with the front part facing downward. Slide the battery cover / door downward with slight force and ensure you hear and feel a noticeable 'click' indicating the battery cover / door has been closed securely.

ATTACHING THE CGO3 TO THE STEADYGRIP™

WARNING: Before switching on the SteadyGrip™ it is highly recommended to first securely attach the CGO3 to your SteadyGrip™.

QUICK TIP: It's a good idea to ensure you have your microSD card with lots of space for photos and videos handy.



STEP 1) Remove the protective cover for the contactor as illustrated.

STEP 2) Carefully slide the top part of the CGO3 (that also attaches below the nose of the TYPHOON) onto the mount below the front part of the SteadyGrip™. A corresponding 'click' will be noticed once the CGO3 has securely been installed into the slide-in mount on the SteadyGrip™.

STEP 3) Insert a microSD card into the corresponding slot on the bottom of the CGO3. You can use the included 16GB card (from your RTF package) or any Class 10 microSD card up to 128GB.

STEP 4) Powering on and initialization. Place your SteadyGrip™ on a flat and stable surface, then switch on the SteadyGrip™ and it will initialize after 4-8 seconds of no movement or vibration.

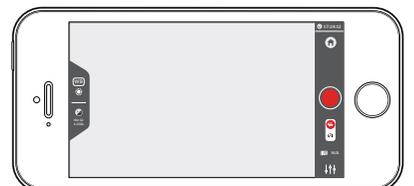


SteadyGrip™ Main LED Status:

Upon Powering on: GREEN LED blinking for twice and then solid GREEN
Low Voltage Warning: RED LED blinking slowly
Power Cut-off: RED LED blinking quickly
Pitch Follow Function on: GREEN LED solid
Pitch Follow Function off: GREEN LED blinking

CGO3 APP

Download the free APP named as CGO3 to smart device at the APP Store or Google Play Store. Install the APP to your 5.8GHz WiFi capable device. Make a note of the network name and password located on the top of the gimbal assembly.



CGO3 APP COMPATIBLE DEVICES

Apple iOS: iphone 5/5c/5s/6/6 Plus ipad mini/mini+/3/4
Android: Mobile Devices with 5.8GHz Support



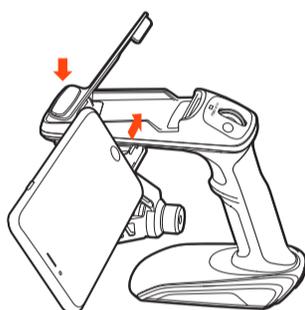
USER MANUAL

STEADYGRI^{V3}

ATTACHING A MOBILE DEVICE TO THE STEADYGRI^{V3}

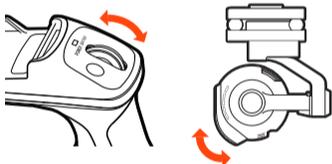
Step 1) Press the Curved Lip at the top front of the SteadyGrip™ as illustrated and fit your Mobile Device with the screen facing toward the Main LED and Pitch Control Wheel.

Step 2) Connect your Mobile Device to the CGO3's WiFi by selecting CGO3's SSID and by entering the WiFi Key / Password:1234567890.



USING THE CAMERA PITCH CONTROL WHEEL

The SteadyGrip™ features a camera pitch controller that allows precise camera angle control on the go. Simply roll the pitch control wheel forward to move the camera pitch/angle downward and roll the pitch control wheel backward to move the camera pitch/angle upward. Please review these instructions along with the illustrations to familiarize yourself on how to control the CGO3 with your SteadyGrip™.



TAKING PHOTOS AND RECORDING VIDEOS

1) To take a still photo press the red Photo Taking/Video Recording button. You'll hear an audible shutter sound from the APP and the LED indicator on CGO3 front will flash in blue and green. It will take approximately 5 seconds to capture the photo and before you can take another still photo.

IMPORTANT NOTE: You cannot take still photos while recording video. You MUST stop recording video in order to take still photos.

2) To start/stop recording videos, slide the Mode button to Video Recording, then press the red button to start. You'll hear an audible indication from the APP each time the recording starts/stops. During recording, the LED indicator on CGO3 front will flash in blue and green. There will be recording time length display on the APP Screen.

IMPORTANT NOTE: You can choose to record video at 48, 50 (PAL) or 60 (NTSC) frames per second by tapping the corresponding button near the upper left-hand corner on main screen of the APP. Keep in mind that the delay in the live video stream will be lowest at 48 and 50 as compared to 60 frames per second.

QUICK TIP: There's an adjustable counterbalance located on the rear of the CGO3. This counterbalance has been adjusted at the factory to provide the best balance and performance overall so typically it should NOT need to be adjusted. However, if you find that the CGO3 is making any 'buzzing' sounds while powered on, carefully twist the counterbalance in or out until the sound stops in order to achieve the best balance, performance and photo/video quality.

SWITCHING THE MODE

There are two modes of Pitch Follow Mode and Angle Mode.

Pitch Follow Mode allows the gimbal camera to track SteadyGrip in pitch direction. The Main Status LED indicator will be solid green.

In Angle Mode, the camera lens sticks to a fixed direction instead of following the movement of the SteadyGrip. The user can control the Pitch Direction through pitch control roller wheel.

NOTICE: The default mode of SteadyGrip is Pitch Follow Mode.

To Enter Angle Mode:

Press the Mode Switch Button on the top of the SteadyGrip to exit the Pitch Follow mode. The Main Status LED indicator will blink GREEN. The SteadyGrip will enter Angle Mode.

To Enter Pitch Follow Mode:

Press Mode Switch Button again to enter Pitch Follow Mode. The Main Status LED indicator will be solid green.

NOTE: When SteadyGrip™ is in Pitch Follow status, the gimbal camera tracks SteadyGrip™ in pitch direction, and the gimbal pitch control roller wheel on SteadyGrip™ is disabled.

FCC STATEMENT:

This equipment has been tested and found to comply with the limits for 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 to an outlet on a circuit different from that to which the receiver is connected.

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.

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.

RF EXPOSURE WARNING

• This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

IC RADIATION EXPOSURE STATEMENT FOR CANADA

This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This equipment complies with IC RSS-102 radiation exposure limit set forth for an uncontrolled environment.

Cet équipement respecte les limites d'exposition aux rayonnements IC définies pour un environnement non contrôlé

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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.

