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BATTERY PRECAUTIONS

The C-me uses a lithium polymer (LiPo) battery. Follow these precautions to ensure safe and trouble-free operation.

- ALWAYS turn off the C-me when it is not in use.
- Do not attempt to use a damaged battery.
- This product contains a LiPo battery that must be recycled or disposed of properly.
- Do not leave the C-me unattended while charging. It is normal for the drone to get warm. Disconnect the C-me immediately if it becomes hot!
- Never disassemble or modify the C-me wiring in any way or puncture battery.
- Always unplug the charge cable when not in use.
- After the C-me has landed because the battery is exhausted, recharge the battery before attempting another flight.
- ALWAYS KEEP OUT OF REACH OF CHILDREN

SAFETY PRECAUTIONS

Follow these safety precautions when operating this or any drone.

- Adult supervision required.
- Before flying, go to www.knowbeforeyoufly.org.
- Do not touch the spinning blades or fly over another person's head.
- Keep your face and body as well as all spectators away from the rotors whenever the battery is connected.
- Stay clear of trees and power lines. AVOID flying in or near crowded areas. DO NOT fly close to people, children or pets. Do not fly in windy conditions or when the C-me may get wet from rain or snow.
- Your C-me should not be considered a toy, but rather a small, working model. If not operated correctly, the model could possibly cause injury to you or spectators and damage to property.
- You must check the operation of the model before every flight to ensure that the model has remained structurally sound.
- Do not alter or modify the model, as doing so may result in an unsafe or unflyable model.
- Do your part in preserving the integrity of the RC hobby. Know the boundaries of your flying area and ALWAYS respect the privacy of others.



PRODUCT FEATURES

- Portable: Fits in your pocket
- Simple Operation
- GPS Controlled Stability
- 8 megapixel 1080p camera, same as on the iPhone6
- One button 360° Panoramic Video
- One Button Take Off/Landing
- Auto Return to Home
- Find Me/Follow Me
- Instant Sharing of Social Media

CONTENTS

C-me Selfie Drone
Micro USB Charge Cable
2Amp AC to USB Adapter
Spare Propellers (4)
Quick Start Guide

SPECIFICATIONS*

Weight: 4.97 oz. [141g]
Width: 6.26 in. [159mm]
Length: 6.06 in. [154mm]
Height: 0.98 in. [25mm]
Prop Size: 29.1 in. [74mm]
Size: 7.67 in. [195mm] diagonal motor to motor
Flight Time: Approximately 10 minutes

(*With arms extended, not including the propellers.)

LIMITED WARRANTY

PLEASE DO NOT RETURN YOUR PRODUCT TO THE STORE.

This warranty specifically does not cover crash damage, misuse or abuse. Please refer to the warranty package for more details about coverage. **To make a warranty claim, please contact our product support team at 1-217-398-8970 option 6 or e-mail us at helihotline@greatplanes.com.** If requested by Product Support, please send defective product to:

**Hobby Services
3002 N Apollo Dr., Suite #1
Champaign, IL 61822**

Please include a note about the problem, your contact information, and a copy of the receipt. This warranty applies only if the product is operated in compliance with the instructions and warnings provided with each model. Hobbico assumes no liability except for the exclusive remedy or repair of parts as specified above. Hobbico shall not be liable for consequential or incidental damages. Some states do not allow the exclusion of consequential or incidental damages so the above exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.



APP

Download the latest version of the C-me app from the App Store or Google Play.

The C-me can be linked to two phones at the same time. The first phone to link will have directional control. The second phone will only be able to monitor the feed from the camera.



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Camera

A tap on the Camera button captures a still photograph. Push and hold to access the Self-Timer and Burst mode functions for the camera. Please refer to the Photo/Video section for more details.

Video

Tapping this button Video button starts/stops recording a video.

Panoramic View

Available only in Outdoor Mode. Automatically starts a video recording, rotates the C-me 360° within 20 seconds, and stops the video.

Emergency

Tapping this button will make the C-me land quickly without returning to home. The Directional Controls can be used to guide the C-me while it is landing. Holding this button will stop the motors immediately.

Instant Share

Pressing these buttons before capturing a photo or making a video will share the media with the desired social media site. Select the desired Instant Share link and the options for captions in Settings.

Flash

Press the Flash Button to cycle through the three Flash modes.

1. Always on. This is the default mode and is recommended because the LED can be used determine the orientation of the C-me.

2. Off with camera flash. This mode turn the LED off except when capturing a photo.
3. Always off.

Altitude Slide Bar

Slide this control up or down to change the C-me altitude. When the control is released, the C-me will hover at the selected height.

Directional Controls

Move the inner circle in the desired direction with your thumb to change the C-me drone's position. This control will be more sensitive when flown in the Outdoor Mode.

Swiping the center of the screen will yaw the C-me. This control can be used to point the camera away from the pilot.

Memory Card Capacity

When an optional memory card is loaded on the C-me, the available free space is displayed. The C-me can use a micro memory card with a capacity of 2 to 32 GB. (A memory card is not required for operation. However, if you desire high quality images and video, we recommend using a card.)

Battery Charge/Life

The battery life remaining is displayed by this indicator.

White indicates the charge is above 40%

Red (steady) indicates the charge is between 40% and 20%

Red (flashing) indicates the charge is below 20%.

Wi-Fi Signal Strength

This icon will be white with an “X” when there is no Wi-Fi connection. The icon will be green without the “X” when the app is connected to the C-me.

GPS Satellite

This icon will show how many satellite signals are being received. The C-me has to receive at least 6 satellite signals and the Indoor Mode setting must be “off” before it will enter Outdoor Mode. When Outdoor Mode is active, the following changes are made

- The status LED on the top of the C-me will start flashing
- Control sensitivity is increased
- GPS enhanced stability is active
- 360° button is active
- Land Button activates the return to the launch point and land (RTL) function
- C-me Button in the app activates the Follow Me Mode

Safety Unlock

Tap and hold this button for 2 seconds to unlock the Take Off button. This button will lock again if not used within 5 seconds.

Take Off

Tap this button when it is green (unlocked) to take off. The pilot should keep a thumb on the Directional Control to guide the C-me to the desired hover point.

Land

The Take Off button will change to a Land button after the C-me takes off. Tapping this button will make the C-me slowly land.

When the C-me is in the **Outdoor Mode**, it will climb to 3 meters and start to **RTL (Return To Launch)**. If C-me is performing a RTL, moving the Directional Control will stop the RTL procedure and hover.

When the C-me is in the **Indoor Mode**, the Directional Control can be used to guide the drone to a specific landing area.

When the battery charge level drops to 10%, the C-me will automatically RTL. If indoors, it will land straight down.

Gallery

Tapping this button will display the images and videos that have been created by the C-me and stored in Photo Gallery on the mobile device. Tap the thumbnail to view, delete or play a video.

This button does not access any of the files stored on the option memory card. Those files must be viewed on a computer.

NOTE: Files stored on a memory card will be larger and have more detail than what is stored on the phone.



Settings

This button opens

1. Instant Share Settings where the social media links are selected
2. Camera settings
 - A. White Balance
 - B. Exposure
 - C. Contrast
 - D. Brightness
 - E. Factory default settings for the camera
3. Device settings
 - A. Change the Wi-Fi network name and password
 - B. Reset all the app settings back to the factory default values
4. Help screens
 - A. C-me Quick Start Guide
 - B. Help section which has guides for the following subjects
 - i. Basic Operation (*Please review this section before flying the C-me.*)
 - ii. Taking Pictures
 - iii. Video
 - iv. 360°Panoramic Video
 - v. Flash usage
 - vi. Emergency
 - vii. Share (Instant Share Buttons)
 - viii. Equipment Usage (Memory Card and Battery Life indicators)
 - ix. Take Off
 - C. C-me Manual
 - D. Compass Calibration
 - E. Find Me
 - F. Contact Us link
 - G. C-me website link

5. Wi-Fi (**Android app only**) This section allows you to turn on the phone's Wi-Fi and select or setup the C-me network connection without leaving the app.
6. Calibration procedures have guides to help correctly calibrate the sensors.
 - A. Compass Calibration is for calibrating the compass on the C-me which should be done every time the drone is used in a new location.
 - B. Accelerometer Calibration is for calibrating the accelerometers which should be done any time the C-me will not remain in a stable hover.
7. Full Screen Mode – sliding this button the right activates this mode. When active, it removes the buttons and controls from the screen after a few seconds of inactivity. Tapping the screen will make the buttons and controls appear again.
8. Indoor Mode – Sliding this button to the right keeps the C-me in the Indoor Mode even when it is outside and receiving GPS satellite signals. The following conditions are set when Indoor Mode is active.
 - A. Control sensitivity is decreased
 - B. GPS enhanced stability is disabled
 - C. Panoramic View is disabled
 - D. Return to Home when landing is disabled
 - E. The C-Me button in the app activates just the Find Me mode



Follow Me/Find Me

Indoors: Tapping this button turns on the **Find Me** mode so the C-me will always point towards the pilot. The Directional Controls are used to position the drone. Small adjustments to the camera's direction can be made by slowly turning the phone while in the Follow Me mode.

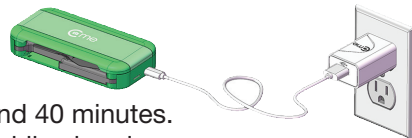
Outdoors: Tapping the C-me button will activate the **Follow Me** mode. Hover the drone at the height and distance desired before tapping the C-me button. The drone will maintain that altitude and distance from the phone while the pilot is walking at a normal pace. While in the Follow Me Mode, holding the Directional Control all the way to the left or right will make the C-me slowly circle the phone. Keep the phone still while in this mode.

Tap the C-me button again to exit the Find Me/Follow Me Mode.

SETUP

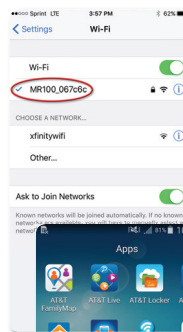
Charge the Battery

The charge time will be approximately 1 hour and 40 minutes. The C-me must be off while charging.



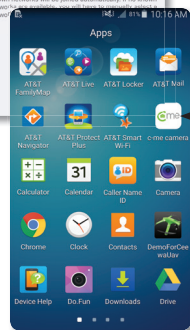
Linking the C-me and the C-me App

Power on the C-me by pressing button until it lights up.



Open the Wi-Fi settings on your phone and verify that the C-me network is selected. The default password is 12345678.

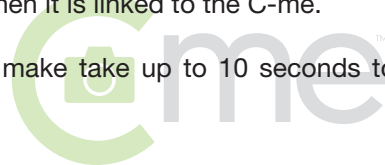
To make sure that there will be no interruptions while running the C-me app, close any other apps that may be open.



OPEN

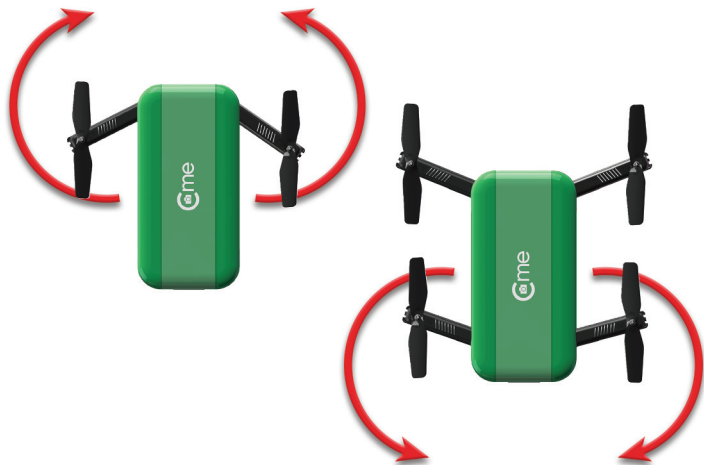
The phone will have a live image from the camera when it is linked to the C-me.

NOTE: It make take up to 10 seconds to connect.



PREPARING TO FLY

Please review the **Basic Operation** animation in the **Settings/Help** section of the settings menu if you are not familiar with flying the C-me.



Flight Modes

The C-me will automatically be in the **Indoor Mode** when inside or when less than 6 satellite signals are being received while outside.

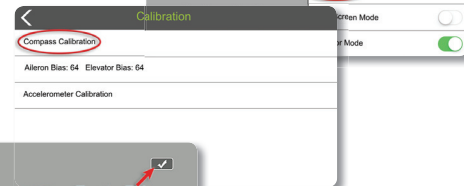
When 6 or more satellite signals are received and the Indoor Mode Setting is “off”, the C-me will switch to the **Outdoor Mode**.

The Indoor Mode can also be turned on with the button in Settings/Indoor Mode.

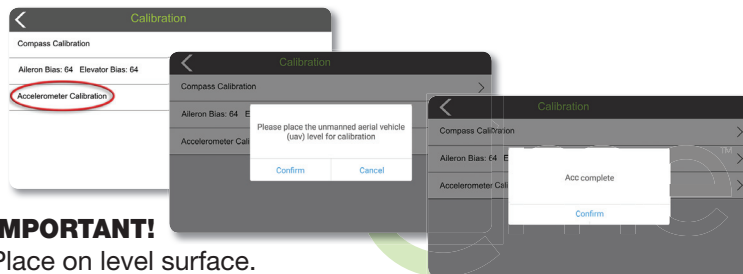
Calibration

The C-me compass and accelerometers should be calibrated the first time the C-me is flown and:

1. Every time it is flown outside at a different location.
2. Any time the motors are shut down by the overload protection circuit.
3. Hard landing or crash.



Follow the animation to rotate horizontally, then vertically. Rotate slowly and steadily for best results.



IMPORTANT!

Place on level surface.

FLYING

TIP: The C-me will perform best when the winds are below 3 mph (5 km/H).

Takeoff

NOTE: The LED will flash when C-me has acquired 6 or more GPS satellite signals and is in the Outdoor Mode”



The C-me will immediately climb to about 1 meter indoors and up to 2 meters outdoors.

TIP: If the Take Off button is not tapped within 5 seconds, it will lock. Hold the lock button again to unlock.

Motor Overload Protection

When the C-me has a hard landing, crashes into a solid object or if the propellers get stuck and cannot spin, the motors will turn off to protect the control board. The C-me will have to be turned off and back on again any time this happens. Both calibration procedures should be run before the C-me is flown again.

Trimming

The trim control buttons below and to the right of the Directional Control should be used when C-me constantly drifts in the same direction. After the C-me takes off in calm conditions, let it sit for a moment to see if it is stable. If it drifts in one direction, use the opposite trim button to correct it. For example, if the drone drifts to the left, the right trim button below the Directional Control should be tapped until the drone stops drifting in that direction.

Flight

Practice indoors before flying outside because the controls are more sensitive when in the Outdoor Mode. To guide the C-me to a new position, use short movements with the Directional Control in the desired direction. Holding the control for more than a second in one direction will usually require movement in the opposite direction because the C-me will have flown past the desired position.



Please keep in mind that the Directional Controls use the front of the C-me as reference. If the drone is pointed to the right and the Directional Control is moved forward, the drone will fly to the right. When the flight is completed, always turn off the power and recharge the battery before the C-me is put away.

PHOTO/VIDEO

Camera Settings

White Balance (the default setting is automatic white balance.) The settings for lighting conditions can also be selected (Sunshine, Clouds, Night, Indoors, and Candlelight).

The Exposure, Contrast, and Brightness can be increased or decreased as needed.

NOTE: These settings will not change when the app is closed and opened again.

Factory Reset will set the White Balance to automatic and center the other adjustments.

Still Photos

Tap the Camera button to take a single photo. The image will be stored in the Photo Gallery on the phone and on an optional memory card that can be loaded on the C-me.

Hold the camera button for 2 seconds to put the Self-timer and Burst Mode buttons on the screen.

The Self-Timer has 3 second and 10 second timer options. Tap the number to start the timer.

The Burst Mode has options for taking 3, 5, 10 or 15 photos at the rate of 2 photos per second. Tap the desired number to start the camera.

Tap the camera button to remove the Self-timer and Burst Mode buttons from the screen.

Video

Tap the Video button to start recording a video which will be stored in the phone's Photo Gallery and also on the optional memory card. A timer and Stop button will appear when the video starts. Tap on the Stop button to end the video.

TIP: The video camera works best when the C-me is not moving. Do not start a video until the C-me is hovering at the desired height and distance from you.



Memory Card Not included.



REPLACEMENT PARTS



Replacement Parts:

1. Propeller Set Black (4)	HCAE6001
2. Arm Set Front A1/B1 (2)	HCAE6070
3. Propeller Shaft Bearings 1.5x4x2mm (4)	HCAE6055
4. Crown Gear 22T w/Shaft Set (2)	HCAE6050
5. A/B Motor Set with 8T Pinion (2)	HCAE6040

Not Pictured:

Propeller Guard Set Black (4)	HCAE6002
AC to USB Adapter, 5VDC, 2A, AC 120-240V	HCAE6010
USB/Micro Charge Cord, 1M	HCAE6011
Arm Set Rear A2/B2 (2)	HCAE6071

TROUBLESHOOTING

PROBLEM: The C-me App will not connect to the drone

SOLUTION: (1) Completely close the C-me app.
(2) Open the Wi-Fi setting for the phone and select the C-me network if not already connected.
(3) Open the C-me app.

PROBLEM: I cannot remember the Wi-Fi password.

SOLUTION: The default password is 12345678. If the password has been changed, reset the setting on the C-me to restore the default Wi-Fi name and password.

PROBLEM: The C-me circles instead of hovering when outside.

SOLUTION: The compass on the C-me should be calibrated. Please follow the procedure in the Calibration section of Settings

PROBLEM: The C-me is very noisy.

SOLUTION: The propeller and/or propeller shaft needs to be replaced.

PROBLEM: The C-me is drifting.

SOLUTION: (1) Winds are above 3mph (5kmph)
(2) The accelerometers on the C-me need to be calibrated. Please follow the procedure in the Calibration section of Settings

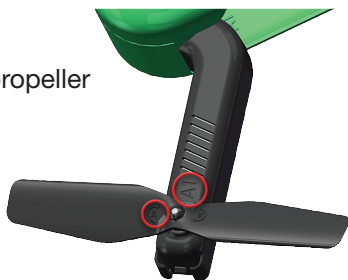
PROBLEM: The C-me is hard to control when outside.

SOLUTION: (1) The Indoor Mode setting is turned on in Settings.
(2) The C-me is not receiving 6 or more satellite signals.
(3) The wind is above 5 mph (8kmph)

MAINTENANCE

Propeller Installation

Be sure to match the letter on the propeller with the letter on the arm.

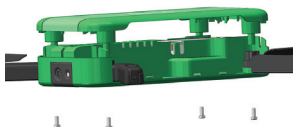


Motor/Gear/Bearing Replacement

The Motor, Gear, and Bearings can be replaced without removing the arm from the C-me. When installing a new gear or motor, place some lubricant from the old gear on the teeth of the new part.

Arm Replacement

1. Remove the parts from the damaged arm.
2. Remove the 4 large screws from the frame below each arm.
3. Carefully separate the cover from the frame enough to allow the arm to be removed.
4. Remove the motor wire from the slot in the damaged arm.
5. Remove the damaged arm from the frame.
6. Install the new arm and reverse these steps.



BATTERY PRECAUTIONS

The C-me uses a lithium polymer (LiPo) battery. Follow these precautions to ensure safe and trouble-free operation.

- ALWAYS disconnect the battery from the quadcopter when not in use.
- Do not attempt to use this charger with NiCd or NiMH battery packs.
- Do not attempt to use a damaged battery.
- This product contains a LiPo battery that must be recycled or disposed of properly.
- Do not leave the charger unattended while charging. Disconnect the battery and unplug the charger immediately if either becomes hot! However, it is normal for the charger to get warm.
- Disconnect the battery from the charger and carefully move the battery to a fireproof location if the battery begins to swell or smoke!
- Never allow the battery temperature to exceed 140° F [60° C].
- Do not attempt to charge a battery if it is swollen or hot.
- Do not place the charger or any battery on a flammable surface or near combustible materials while in use.
- Never disassemble or modify pack wiring in any way or puncture cells.
- Never charge inside a vehicle.
- Always disconnect the battery and unplug the charger when not in use.
- Land your model immediately when the LEDs flash to indicate that the battery power is low. Recharge the battery before attempting another flight. A dangerous situation can occur when attempting to recharge an over-discharged battery!
- ALWAYS keep a supply of sand accessible when charging. Dumping sand on the battery will extinguish a LiPo chemical fire.
- ALWAYS KEEP OUT OF REACH OF CHILDREN

For additional information about recycling rechargeable batteries in the US and to locate a local collection point, please visit the Call2 Recycle website at <http://www.call2recycle.org/>

CAUTION: RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

FCC IC PRECAUTIONS

IC RSS WARNING

This device complies with Industry Canada license-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.

IC RADIATION EXPOSURE STATEMENT

This equipment complies with IC RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

FCC RADIATION EXPOSURE STATEMENT

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

CE COMPLIANCE INFORMATION FOR THE EUROPEAN UNION

Instructions for Disposal of Waste Equipment by Private Users in the European Union:

This symbol on the product or its packaging indicates this product must not be disposed of with other household waste. Instead, it is the user's responsibility to dispose of their waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or location where you purchased the product.



Declaration of Conformity:

Product: Hobbico C-me Camera Drone FCC ID: IYFCME

Item number: HCAE10** MR100

Equipment class: 1

C-me Camera Drone: The objects of the declaration described here are in conformity with the requirements of the specifications listed below, following the provisions of the European 2006/95/EC Low Voltage Directive:

EN 60950-1:2013 Safety

The objects of the declaration described here are in conformity with the requirements of the specifications listed below, following the provisions of the European R&TTE directive 1999/5/EC:

EN300 328 V1.9.1.

Technical requirements for radio equipment

ETSI EN 301 489-1 V1.9.2, 301 489-17 V2.2.1 General EMC requirements for radio equipment

Hobbico, Inc.
2904 Research Road
Champaign, IL USA 61826

The associated regulatory agencies of the following countries recognize the noted certifications to this product as authorized for sale and use.

UK DE DK BG SE FI GR
EE LV LT PL CZ SK HU
RO SI AT IT ES PT IE
NL LU MT CY

IC: 11104A-CME



STATEMENTS: 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 changes or modifications not expressly approved by the party responsible for compliance and could void the user's authority to operate the equipment.

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.

The FCC ID number is: IYFCME.

