

# ARES QUANTUM FPV

## Owner's Manual



Product specifications are subject to change without notice. Due to ongoing development, the actual product may vary from images shown.

AZSQ3250      Quantum FPV  
AZSQ3250M1      Quantum FPV Mode 1

This product contains chemicals known to the State of California to cause cancer, birth defects and other reproductive harm.

This product is not a toy! (14+) Recommended for ages 14 and up. Adult supervision required for ages under 18 years old. Contains small parts, keep out of reach of children 3 years of age and younger.



Ensure you have the latest version of the manual by visiting our website.

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## Specification

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Length: ..... 312mm

Width: ..... 323mm

Height: ..... 92mm

Weight: ..... 167g (RTF)

Flight Battery: ..... 2S 7.4V 25C 350mAh LiPo

Transmitter: ..... 2.4GHz with built-in FPV monitor

Transmitter Battery: ..... 1S 3.7V 5C 450mAh LiPo

Charger: ..... 1 x 1S USB and 1 x 2S USB

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**IMPORTANT!** This radio control model is not a toy. It must be operated and flown according to these instructions and may cause serious injury to persons or damage to property if not used responsibly or if operated without due caution. Unsuitable for children under 14 years of age.

## Introduction

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The Ares Quantum FPV is the perfect mini-size quad for impressive FPV (First Person View) flying. Now you can fly and see what the pilot sees from the cockpit as 720p HD video is streamed from the Quantum FPV's camera to the transmitter's integral monitor. With an advanced flight stabilization system, you can concentrate on capturing and storing rich video and still images – all controlled from the transmitter – on the included 4Gb micro memory card. A USB card reader is also included so you can view, transfer or upload your video footage and digital images. Other features include three different flight modes, from a super-stable video platform to fast and furious when your flying skills grow. Even 360° flips are possible at the click of a button. Supplied completely ready to fly with rechargeable batteries for the quad and the transmitter, the Quantum FPV features bright LEDs on the underside to aid orientation and make night flying a reality.

## FCC Information

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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.

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

This product contains a radio transmitter with wireless technology which has been tested and found to be compliant with the applicable regulations governing a radio transmitter in the 2.400GHz to 2.4835GHz frequency range.

The associated regulatory agencies of the following countries recognize the noted certifications for this product as authorized for sale and use: USA, UK, AU and EU

## Safety Precautions

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Failure to use this product in the intended manner as described in the following instructions can result in damage and / or personal injury. A Radio Controlled (RC) airplane is not a toy! If misused it can cause serious bodily harm and damage to property.

Keep items that could become entangled in the propeller(s) away from the propeller(s), including loose clothing, tools, etc. Be especially sure to keep your hands, face and other parts of your body away from the propeller(s).

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.

This model is controlled by a radio signal that is subject to possible interference from a variety of sources outside your control. This interference can cause momentary loss of control so it's advisable to always keep a safe distance from objects and people in all directions around your model as this will help to avoid collisions and / or injury.

- Never operate your model if the voltage of the batteries in the transmitter is too low.
- Always operate your model in an open area away from obstacles, people, vehicles, buildings, etc.
- Carefully follow the directions and warnings for this and any optional support equipment (chargers, rechargeable batteries, etc.).
- Keep all chemicals, small parts and all electronic components out of the reach of children.
- Moisture causes damage to electronic components. Avoid water exposure to all electronic components, parts, etc. that are not specifically designed and protected for use in water.

## Lawful Operation

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Please note that specific guidelines exist regarding the lawful flying of 'Small Unmanned Aircraft' and 'Small Unmanned Surveillance Aircraft' such as the camera-equipped Quantum. To stay within the law visit the website of your country's aviation regulating authority and read the operating guidelines within which you must operate.

USA: The Federal Aviation Administration – <https://www.faa.gov>

UK: The Civil Aviation Authority – <https://www.caa.co.uk>

Australia: The Civil Aviation Safety Authority – <https://www.casa.gov.au>

## LiPo Battery Warnings

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**IMPORTANT NOTE:** Lithium Polymer batteries are significantly more volatile than the alkaline, NiCd or NiMH batteries also used in RC applications. All instructions and warnings must be followed exactly to prevent property damage and / or personal injury as the mishandling of LiPo batteries can result in fire. By handling, charging or using the included LiPo battery you assume all risks associated with LiPo batteries. If you do not agree with these conditions please return the complete product in new, unused condition to the place of purchase immediately.

- You **MUST** charge the LiPo battery in a safe area away from flammable materials.
- **NEVER**, at any time, leave the LiPo battery unattended when it's being charged.
- When charging the battery you should **ALWAYS** remain in constant observation to monitor the charging process and react immediately to any potential problems that may occur.
- After flying / discharging the battery you must allow it to cool to ambient/ room temperature before recharging.
- To charge the LiPo battery you **MUST** use only the included charger. Failure to do so may result in a fire causing property damage and/or personal injury. **DO NOT** use a NiCd or NiMH charger.
- We recommend the use of a proprietary, fireproof, dedicated LiPo charge bag.

If at any time during the charge or discharge process the battery begins to balloon or swell, discontinue charging or discharging immediately. Quickly and safely disconnect the battery, then place it in a safe, open area away from flammable materials to observe for at least 15 minutes. Continuing to charge or discharge a battery that has begun to balloon or swell can result in a fire. A battery that has ballooned or swollen, even a small amount, must be removed from service completely.

For best results, store the battery at room temperature – approximately 68 – 77° Fahrenheit (F) – and in a dry area.

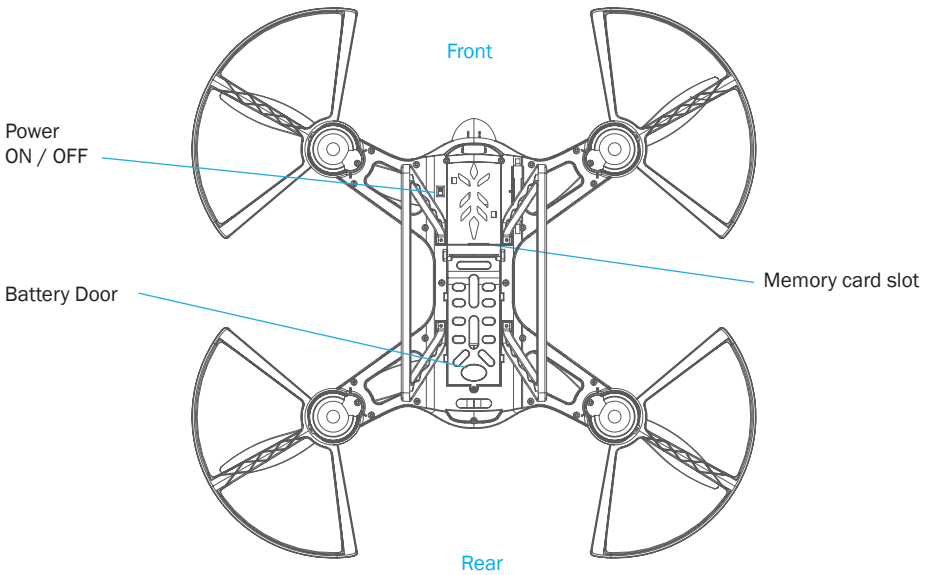
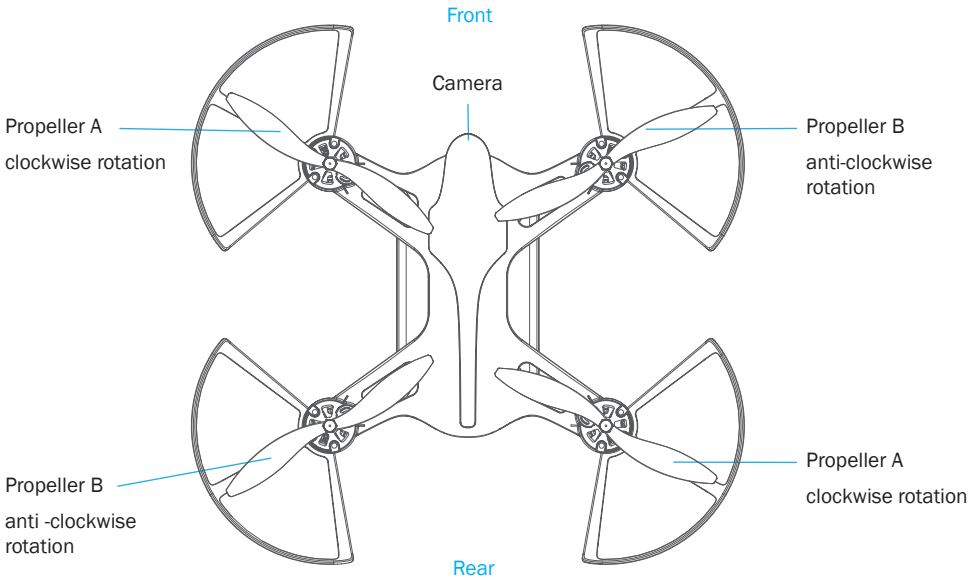
## Contents

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- 1 x Quantum FPV quadcopter with 720p HD camera
- 1 x 350mAh 2-cell 7.4V LiPo for quadcopter
- 1 x 2.4GHz transmitter with integral FPV monitor
- 1 x 450mAh 1-cell 3.7V LiPo for transmitter
- 1 x 4GB micro memory card
- 1 x Spare propeller set
- 1 x Screwdriver
- 1 x Owner's manual
- 1 x USB card reader
- 1 x USB charger for quad LiPo
- 1 x USB charger for transmitter LiPo

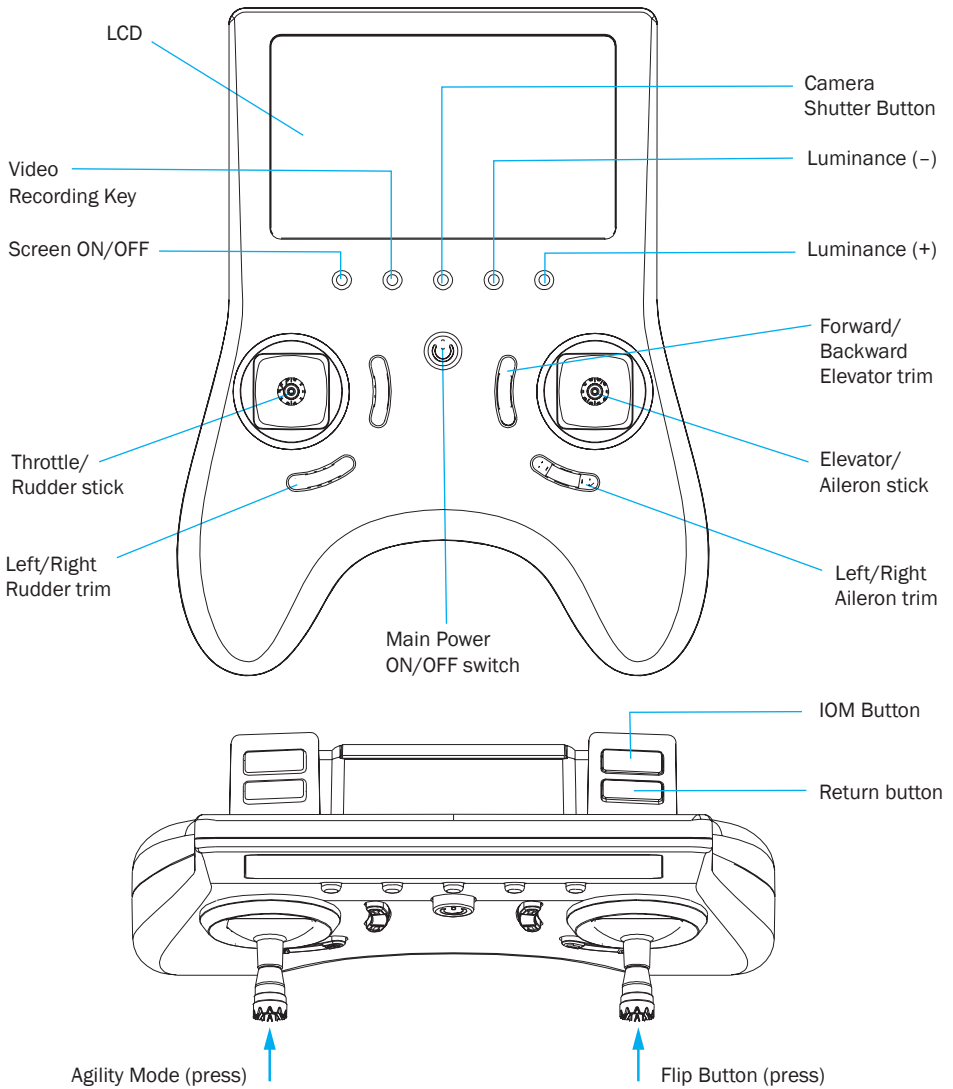


## Quadcopter Details



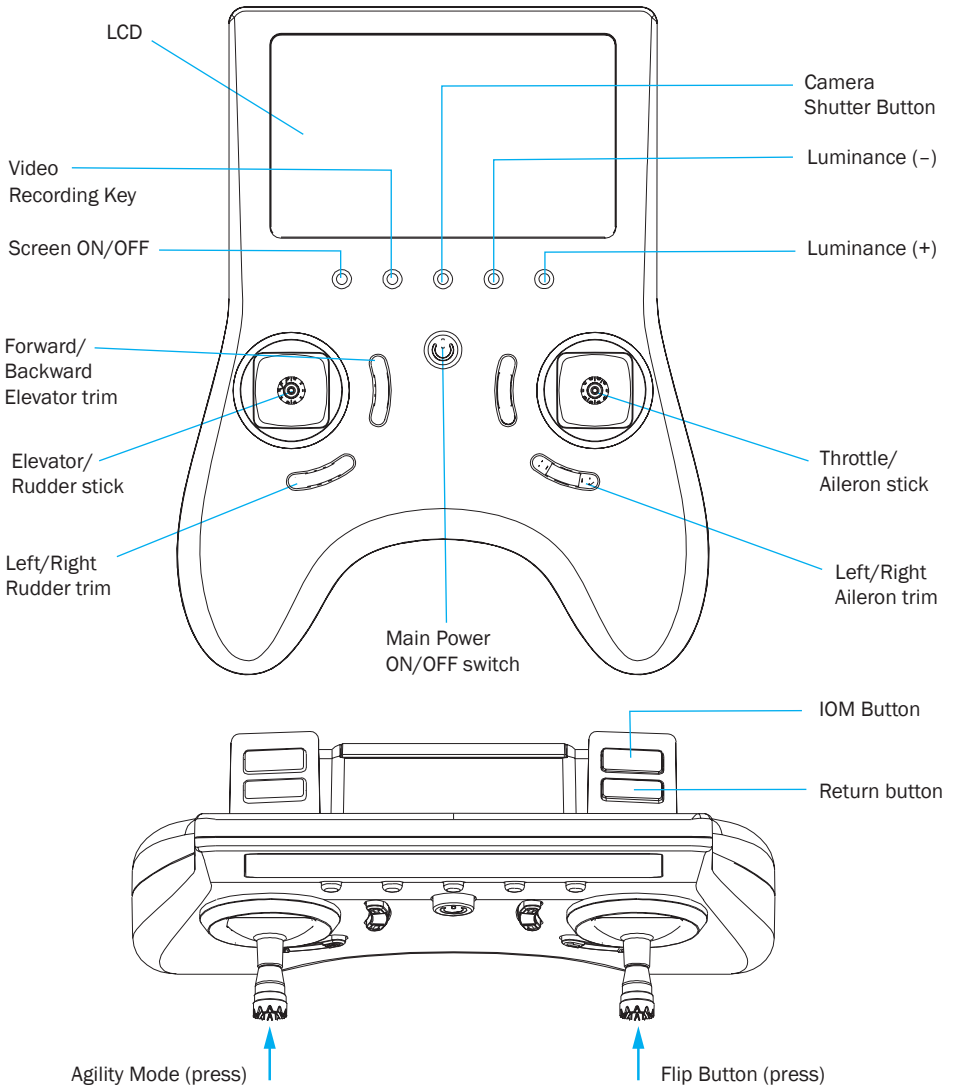


## Transmitter Details (Mode 2)



**Transmitter Low voltage warning:** When the transmitter battery (Tx LiPo) gets low on power three beeps will be heard. This should be taken as an indication to land (within 30 seconds) and recharge the battery.

## Transmitter Details (Mode 1)

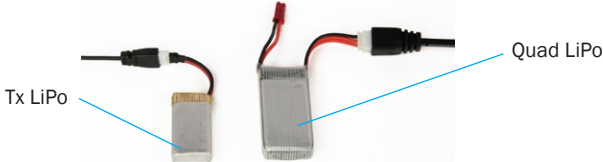


**Transmitter Low voltage warning:** When the transmitter battery (Tx LiPo) gets low on power three beeps will be heard. This should be taken as an indication to land (within 30 seconds) and recharge the battery.

## Charging The Supplied LiPo Batteries

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Locate the two USB style chargers and connect one to the larger 'Quad LiPo' and one to the smaller 'Tx LiPo'. Two different USB chargers are supplied, one with a white two-pin connector (for the Tx LiPo) and one with a white three-pin connector (for the Quad LiPo). Note the orientation of the white connectors and make sure to correctly align the slots to ensure correct polarity.



Plug the USB chargers into a suitable USB port. The LED on the smaller Tx LiPo charger will glow solid red when connected and will turn off when the battery is fully charged. The LEDs on the larger Quad LiPo charger will glow solid red and flashing green when connected and will both light solid when the battery is fully charged. Discharged batteries will be charged in approximately 60 minutes and should be disconnected when the charging process is complete.



## Preparation for Flight

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1. Using the screwdriver supplied remove rear battery cover of the transmitter and insert the smaller 'Tx LiPo'. Connect the white two pin plug to the socket, making sure to align the slots for correct polarity, then replace the battery cover and tighten the screw.



2. Open the underside battery cover of the quadcopter and insert the larger Quad LiPo into the fuselage. Connect the LiPo's red two pin plug to the corresponding socket of the quadcopter making sure to align the slots for correct polarity. Tuck the lead neatly inside the LiPo and close the battery cover.



3. Switch the Quantum ON using the on/off power switch on the underside of the quadcopter. Note that the LED lights will flash. Place the Quantum on a level surface to enable the on-board gyro to be properly calibrated.



ON / OFF Switch

4. Switch the transmitter ON by pressing the power button. The quad's LEDs will now stop flashing and emit a solid light indicating that the Quantum and the transmitter are paired.
5. Arm the motors by pushing the throttle stick forward to its stop (Pic A), then back to its lowest point (Pic B). Your Quantum FPV is now ready to fly. Before taking off move the quadcopter to a clear / open space that's free of people, animals and obstacles, then stand clear yourself. Position the quad with the battery cover facing you and the camera facing away. If you've never flown an R/C quadcopter before, read the section entitled 'Flying Your Quantum FPV'.



(Mode 2 Transmitter Shown)



(Mode 2 Transmitter Shown)

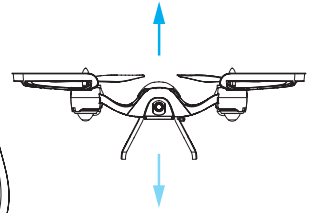
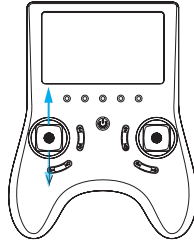
## Flying Your Quantum FPV

Where quadcopter flying is concerned it's not possible to have too much space. As such, we recommend that you fly your Quantum in a large enough area to ensure that control is relaxed and you have time to think. If flying outside we also recommend that early flights be carried out in calm conditions.

If you're new to R/C quadcopters set the Agility Mode to 'Low' before flying and take things gently to give yourself time to get familiar with the sensitivity of the controls. R/C flying is a skill that requires practice to master, so be prepared to undertake many flights before you get proficient. The following is a list of the controls you have at your disposal. Make sure you familiarize yourself with their effect on the quadcopter before you fly it.

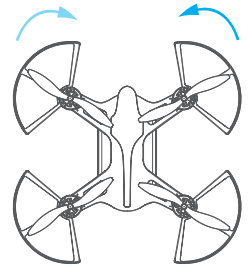
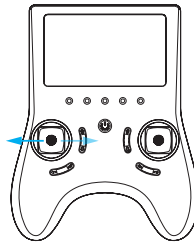
- 1. Ascend and descend.** Gently push the throttle stick forward to ascend and backward to descend.

(Mode 2 Transmitter Shown)



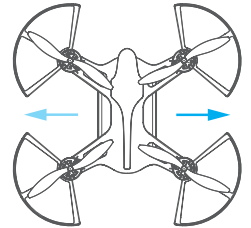
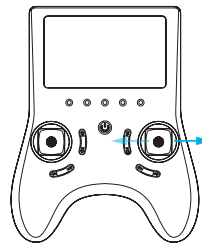
- 2. Yaw.** With the Quantum in a stable hover, gently move the rudder stick to the left to yaw (rotate) the quad in an anticlockwise direction. Move the rudder stick to the right to yaw the quad in a clockwise direction.

(Mode 2 Transmitter Shown)



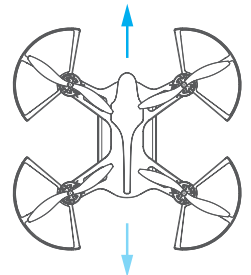
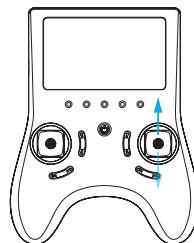
- 3. Roll.** With the Quantum in a stable hover, gently move the aileron stick to the left make the Quantum move sideways to the left. Move the aileron stick to the right to make the Quantum move sideways to the right.

(Mode 2 Transmitter Shown)



- 4. Pitch.** With the Quantum in a stable hover, gently push the elevator stick forward to move the quad forward. Gently pull the elevator stick backward to move the quad backward.

(Mode 2 Transmitter Shown)



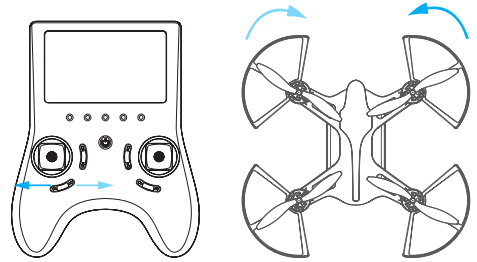
**Note:** with a charged battery the Quantum will fly for approximately 5.5 minutes. At the end of your flight low battery power will be indicated when the Quantum's LED lights begin to flash. When this happens you should land within 30 seconds and recharge the LiPo. Always disconnect the Quad LiPo battery from the Quantum after every flight.

## Trimming

In order to maintain a suitably stable hover you may find it necessary to trim the model to correct any flight path deviation. This is done using the transmitter's trim buttons.

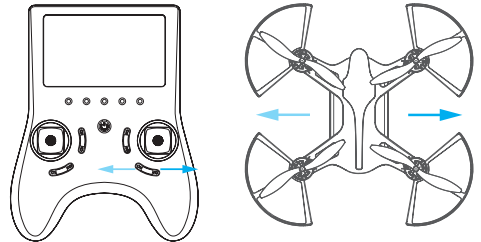
- 1. Deviation in yaw.** If the Quantum displays a natural tendency to rotate clockwise, use the rudder trim to correct this by pressing the left side of the button. If the Quantum displays a natural tendency to rotate anticlockwise, use the rudder trim to correct this by pressing the right side of the button.

(Mode 2 Transmitter Shown)



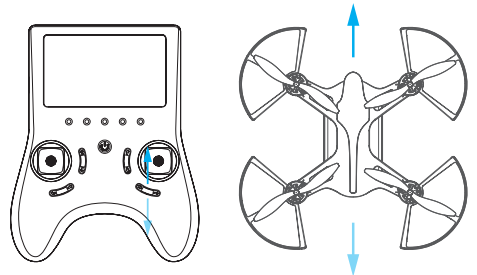
- 2. Deviation in roll.** If the Quantum displays a natural tendency to move sideways to the left, use the aileron trim to correct this by pressing the right side of the button. If the Quantum displays a natural tendency to move sideways to the right, use the aileron trim to correct this by pressing the left side of the button.

(Mode 2 Transmitter Shown)



- 3. Deviation in pitch.** If the Quantum displays a natural tendency to move forward, use the elevator trim to correct this by pressing the bottom of the button. If the Quantum displays a natural tendency to move backward, use the elevator trim to correct this by pressing the top of the button.

(Mode 2 Transmitter Shown)



**Note:** The trim buttons offer 30 steps, each step indicated by a short beep and trim center indicated by a prolonged beep.

## Agility Mode

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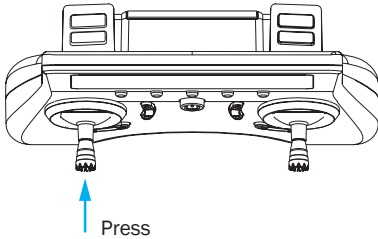
Agility mode allows you to tailor the performance of your Quantum to suit your experience. Three settings are available:

Low - for beginners.

Medium - for those with some quad flying experience.

High - for experienced quad pilots.

To cycle through the settings press the left-hand stick. A single audible beep indicates that Low agility has been selected, two beeps indicates that Medium agility is selected and three beeps indicates High agility mode.

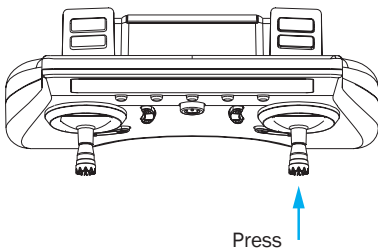


## Flip Mode

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Your Quantum FPV is equipped with a 360° flip function that works in both the pitch and roll axes. To activate Flip mode press the right-hand stick. Continuous beeps will be heard to confirm that the Flip function is active and ready for your command. At this point simply move the aileron or elevator stick to its furthest point of travel and release. The Quantum will perform a 360° flip in the direction of the stick movement whereupon the flip function will be cancelled so that normal flight can resume. Be aware that additional flying space will be required when performing flips so make sure to practice these with plenty of space.

**Note:** The flip function can be cancelled at any time by pressing the right-hand stick once more.



## Intelligent Orientation Mode

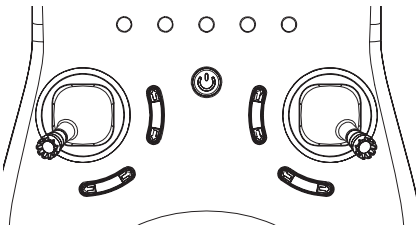
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Your Quantum FPV is equipped with IOM functionality that locks the aileron and elevator commands to a specific compass bearing no matter which direction the front of the quadcopter is facing. IOM is perfect for creative video making as it allows you to disengage the yaw (camera pan) function from the other primary controls to make combined flying and filming much easier. To activate IOM:

1. Position the quadcopter directly in front of you with the camera facing forward (i.e. in the direction you wish IOM to use).
2. Without moving the quad, prepare it for flight by connecting the battery and arming the motors.
3. Press the IOM button on the transmitter – a single beep will be heard and the quad's lights will flash to confirm that IOM is active. Note: the lights will now continue to flash until the IOM function is switched off.
4. To test the IOM function, lift the quad into a stable hover with the camera facing forward. The quad should respond as normal, i.e. if you push the elevator stick forward the quad will fly forward, if you pull the stick back it will fly back. Left aileron stick will move it to the left and right aileron stick will move it to the right. However, if you now yaw the quadcopter 45° to the left and repeat the process, forward elevator stick will still make it fly away from you, whilst pulling back on the elevator stick will bring it back towards you. Left aileron will continue to move it to the left and right aileron will continue to move it to the right.
5. Press the IOM button once more to switch the function off and return to normal flight. With IOM switched off the LED lights will stop flashing and light solid.

If your Quantum was facing North when IOM was activated this compass bearing will be stored and reactivated whenever the IOM button is pressed. To alter the heading the IOM function must be recalibrated as below:

1. Prepare your Quantum FPV for flight and arm the motors.
2. Position the quadcopter directly in front of you with the camera facing forward.
3. Pull both transmitter sticks as far back as they will go then place the left-hand stick in the bottom left-hand corner of the gimbal and the right-hand transmitter stick in the bottom right-hand corner of the gimbal.
4. The Quantum's LED lights will flash four times to confirm that re-calibration has been successful.





## One Button Return

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If, in flight, you get confused about the orientation of your Quantum it can be made to fly itself back in the direction of the initial gyro calibration / take-off point simply by pressing the Return button. Note that the quadcopter will only return in the general direction of the calibration / take-off point and is not programmed to return to the actual take-off point.

**Note:** The Quantum will continue flying in that same direction until the Return command is cancelled. This can be done either by interrupting its flight with the aileron / elevator command, or by pressing the Return button once again.

## Operating the Video & Stills Camera

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1. Prepare your Quantum FPV for flight but do not arm the motors at this stage.
2. Turn the LCD display ON by pressing the Monitor Display Button located directly below and to the left of the LCD display. A live view from the camera can now be seen on the LCD monitor.
3. The Quantum FPV carries a micro memory card (supplied) that can be used to store video footage and still camera images. Ensure the memory card is correctly orientated then insert it into the slot on the underside of the quadcopter by pushing it gently until it clicks home. When the card is correctly inserted the green status light will be illuminated.
4. Place your Quantum FPV on a level surface and arm the motors ready for flight.
5. To record a still image press the camera button. Note that the green status light will temporarily change to red to confirm that an image has been taken. One photo will be taken each time the button is pressed.
6. To record video footage press the video camera button. The green status light will turn to flashing red to confirm that recording is in progress. To stop recording, press the video camera button once more and note that the status light will turn green once more to confirm that the camera is in standby.

## Viewing Photo & Video Recordings

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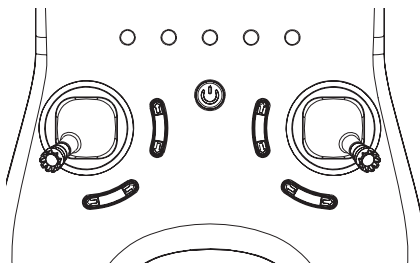
To view the video footage you've shot and the photos you've taken, remove the micro memory card from the quadcopter by gently pressing it until it clicks and pops out. Insert the supplied USB card reader into your computer then slot the micro memory card into the USB card reader. You can now access and edit the video (.AVI) and photo (.JPG) files in the usual way.

## Gyro Calibration

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If at any point you wish to recalibrate your Quantum's gyros to re-establish stable flight and correct any control malfunction – following a crash, for example – you can do this in the following way:

1. Open the rear battery cover of the quadcopter and insert the larger Quad LiPo into the fuselage. Connect the LiPo's two pin plug to the socket of the quadcopter making sure to align the slots for correct polarity. Tuck the lead neatly behind the LiPo and close the battery cover.
2. When the battery is connected the LED lights will flash. Place the Quantum on a level surface to enable the on-board gyro to be properly calibrated.
3. Switch the transmitter ON by pressing the power button. The quad's LEDs will stop flashing and emit a solid light indicating that the Quantum and the transmitter are paired. DO NOT arm the throttle at this stage.
4. To re-calibrate the gyros, place the left-hand transmitter stick into the bottom left corner of the gimbal and the right-hand transmitter stick into the bottom right-hand corner of the gimbal. The quad's LED lights will flash once more then emit a solid light, indicating that the calibration process is complete.
5. You can now arm the throttle by pushing the throttle stick forward to its stop, then back to its lowest point.



## Propeller Identification

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If at any point you damage one of your Quantum's propellers it's imperative that the replacement prop is matched with the correct motor, as shown in the Quadcopter Details section on page 8 of this instruction manual. The identification numbers of the propellers can be found on the underside near the center (root section) of the blade. Note that since the blades are a simple push fit on the motor shafts, a gentle tug will easily remove them.

## Troubleshooting Guide

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Problem	Diagnosis	Cure
The quadcopter lights continue to flash when the transmitter is turned on and the quad will not operate.	<ol style="list-style-type: none"> <li>1. The quad has failed to pair with the transmitter.</li> <li>2. The quad has insufficient battery power.</li> </ol>	<ol style="list-style-type: none"> <li>1. See the section headed 'Preparation For Flight' and follow steps 2 - 5.</li> <li>2. Fully charge the LiPo battery.</li> </ol>
The propellers turn but the quadcopter will not take off.	<ol style="list-style-type: none"> <li>1. The quad has insufficient battery power.</li> <li>2. One or more propeller blades are damaged or deformed.</li> <li>3. Propellers incorrectly located</li> </ol>	<ol style="list-style-type: none"> <li>1. Fully charge the LiPo battery.</li> <li>2. Replace the damaged / deformed propellers.</li> <li>3. Check and reposition as shown on page 8.</li> </ol>
The quadcopter shakes in flight.	<ol style="list-style-type: none"> <li>1. One or more propeller blades are damaged or deformed.</li> </ol>	<ol style="list-style-type: none"> <li>1. Replace the damaged / deformed propellers.</li> </ol>
The quadcopter is unstable in flight and difficult to trim.	<ol style="list-style-type: none"> <li>1. One or more propeller blades are damaged or deformed.</li> <li>2. One or more of the motors is faulty.</li> </ol>	<ol style="list-style-type: none"> <li>1. Replace the damaged / deformed propellers.</li> <li>2. Replace the faulty motor(s).</li> </ol>
The quadcopter is uncontrollable following a collision.	<ol style="list-style-type: none"> <li>1. The gyro may have lost its settings.</li> </ol>	<ol style="list-style-type: none"> <li>1. Follow the Gyro Calibration procedure detailed on pages 18.</li> </ol>

## Replacement Parts

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AZSQ3219	.....Micro card 4GB
AZSQ3220	.....USB card reader
AZSQ3221	.....2.4GHz Transmitter with integral FPV Monitor
AZSQ3222	.....3.7V Tx Battery
AZSQ3225	.....USB Tx Battery Charger
AZSQ3251	.....Receiver
AZSQ3253	.....5.8GHz VTX
AZSQ3254	.....White LED
AZSQ3255	.....Red LED
AZSQ3256	.....Propeller Shaft
AZSQ3257	.....Bearing
AZSQ3258	.....7.4V 350mAh 25C LiPo
AZSQ3259	.....7.4V USB Charger
AZSQ3261	.....Shaft and Gear Set
AZSQ3262	.....Frame for RX
AZSQ3265	.....Top Shell
AZSQ3266	.....Bottom Shell with Battery Cover
AZSQ3267	.....Props and Nuts
AZSQ3268	.....Propeller Guard
AZSQ3269	.....Landing Gear
AZSQ3270	.....Camera Shell
AZSQ3271	.....Light Fixtures
AZSQ3272	.....Motor Mount
AZSQ3273	.....CW Motor (10cm)
AZSQ3274	.....CCW Motor (10cm)
AZSQ3275	.....CW Motor (15cm)
AZSQ3276	.....CCW Motor (15cm)
AZSQ3277	.....Spur Gear
AZSQ3278	.....Main Gear
AZSQ3279	.....ON / OFF Switch
AZSQ3280	.....Tx Frame
AZSQ3281	.....USB Quad Battery Charger

## Warranty, support and service (UK)

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This product is covered by the current statutory guarantee regulations. If you wish to make a warranty claim, please contact the model shop where you originally purchased the product from. You should also present your proof of purchase.

- The guarantee does not cover faults or damage caused by:
- Incorrect handling or operation
- The use of incompatible accessories
- Modification or unauthorised repairs
- Accidental or deliberate damage
- Normal wear and tear
- Using the product outside of its stated specification

Firelands Group LLC accepts no liability for loss, damage or costs which are incurred due to the incorrect or incompetent use of the product.

## CE Conformity Declaration

This device has been tested in accordance with the relevant harmonised European directives. This product's design fulfils the protective aims of the European Community relating to the safe operation of this equipment.

For a copy of the Declaration of Conformity, please visit:  
[www.ares-rc.com/support](http://www.ares-rc.com/support)



## Disposal

Electrical equipment marked with the crossed out wheellie bin symbol must not be disposed of in household waste, but must be taken to a specialist disposal or recycling system. In EU member countries, electrical equipment must not be discarded via the normal domestic refuse channels (WEEE - Waste Electrical and Electronic Equipment Directive 2002/96/EG). You should take unwanted electrical equipment to your nearest local authority waste collection point or recycling centre.

Distributed in the UK by:

J Perkins Distribution Ltd,  
Lenham,  
Kent,  
UK  
ME17 2DL.  
[www.jperkins.com](http://www.jperkins.com)

## Warranty, support and service (USA)

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### 30-Day Limited Warranty Term Period:

We warranty that the Product(s) purchased (the 'Product') will be free from defects in materials and workmanship when the product is new (before being used) for the limited warranty term period, 30 days, from the date of purchase by the Purchaser.

If you believe a defect in material, workmanship, etc. was not apparent when the Product was new and only became evident after the Product was used, take the following steps:

If you purchased the Product at a HobbyTown store, please contact your local HobbyTown store for warranty support and/or service.

If you purchased the Product from the Firelands website, use the contact information found under the Support heading to contact Firelands directly.

If you contact Firelands, you may be asked to send the product to Firelands, at your cost, for inspection. Provided the warranty conditions have been met within the warranty term period, the components that are found to be defective, incorrectly manufactured or assembled may be repaired or replaced, at the sole discretion of Firelands. Your warranty item will be returned to you at Firelands' expense. In the event your product needs repair or a replacement part that is not covered by this warranty, your local HobbyTown store or Firelands can assist you with support and in obtaining the genuine replacement parts to repair your Product. Firelands will charge \$40.00 per hour plus the cost of replacement parts to service your vehicle if after contacting you, you so authorize such repairs. Your product will be returned to you at your expense.

If you purchased your Product from a HobbyTown Internet site not affiliated with a local store, please consult that site for its support and service policies. You can also find more information at:

[www.Hobbytown.com](http://www.Hobbytown.com)

by emailing [customerservice@firelandsgroup.com](mailto:customerservice@firelandsgroup.com)

or by calling 800-205-6773

## Warranty, Support & Service AU

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### 30 Day Warranty

Model Engines (Aust.) Pty. Ltd. warrants this product to be free from defects in materials or workmanship for 30 days from the date of purchase and will repair, replace or refund the purchase should the product prove to be defective.

This warranty does not apply to any unit or system or component which has been dropped, damaged in a crash, improperly installed, assembled, handled or abused.

Model Engines (Aust.) Pty. Ltd. reserves the right to void the warranty if the

product has been altered or modified, has had a foreign part added, has been misused or not used for the purpose for which it was designed, has been used near or in salt water, has been water damaged, or if the damage has been caused by the customer's use of the product.

Under no circumstances does Model Engines (Aust.) Pty. Ltd. warrant nor will the customer be entitled to consequential or incidental damages. Model Engines (Aust.) Pty. Ltd. assumes no responsibility for any other damage, inconvenience or other claims whatsoever.

## Lodging A Claim

To lodge a claim, present the goods to your place of purchase (retailer where you bought the product) with your original purchase receipt and a written explanation of the defect.

The place of purchase (retailer where you bought the product) will then contact Model Engines (Aust.) Pty. Ltd. for a Return Authority number and will return the item for warranty assessment to Model Engines (Aust.) Pty. Ltd. Items delivered to Model Engines (Aust.) Pty. Ltd. for warranty assessment without a Return Authority number will be returned to sender.

The warranty process may take up to 14 business days from the date of receipt. Model Engines (Aust.) Pty. Ltd. must assess each item and if warranty applies must repair or replace the item at its discretion and return it to the place of purchase (retailer where you bought the product).

Goods presented for warranty may be replaced by refurbished goods of the same type rather than being repaired. Refurbished parts may be used to repair the goods.

If the product is proven to be defective the cost and expenses relating to the delivery of the goods to Model Engines (Aust.) Pty. Ltd. will be borne by Model Engines (Aust.) Pty. Ltd.

The benefits of this warranty are in addition to other rights and remedies of the customer under any law to which this warranty relates.

Our goods come with guarantees that cannot be excluded under the Australian consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Model Engines (Aust.) Pty. Ltd.,

P.O. BOX 828

NOBLE PARK 3174

Australia

[www.modelengines.com.au](http://www.modelengines.com.au)

Ph (03) 8793 5555

[warranties@modelengines.com.au](mailto:warranties@modelengines.com.au)

This warranty information relates to goods supplied on a wholesale basis by Model Engines (Aust.) Pty. Ltd. to Australian Retailers. The warranty complies with Australian regulatory requirements and supersedes all warranty information from the original manufacturer.

# ***ARES***