

ARES **GAMMA** *V2*

Quick-Start Guide



Gamma 370 V2 RTF
Gamma 370 V2 PTF

AZSA1600
AZSA1601

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

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



To download the full Owner's Manual & Technical Information Guide, please visit www.Ares-RC.com or scan the QR code with your smart phone.

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.

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MADE IN CHINA



Full manual available to download from: www.Ares-RC.com

- 1** Remove the components from the box and ensure you have the following parts: Fuselage assembly, a left- and right-hand wing panel, stabilizer, fin and rudder, landing gear, 2.4GHz 6-channel transmitter (included in RTF version, required for PTF), LiPo balance charger, mains adaptor, 2- cell LiPo battery, spinner, propeller, screwdriver.



- 2** Insert the vertical fin mounting legs through the holes in the stabilizer and then place the unit on the top of the rear fuselage.



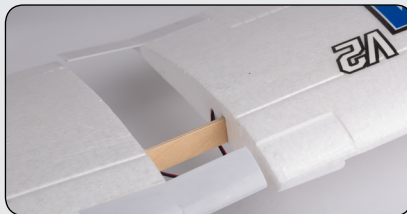
- 3** Invert the fuselage and insert the plastic connector into the holes in the fuselage. Make sure to capture the plastic bracket for the tailwheel under the plastic connector.



- 4** Insert the two 2mm x 8mm machine screws into the holes in the plastic connector and tighten with the supplied screwdriver. Install one screw to retain the tailwheel bracket.



- 5** Slide the two wing halves together to test fit.



- 6** Peel the backing paper from the front and rear plastic reinforcement plates.



- 7** Slide the wings together and press the plastic plates down to retain.



- 8** Insert main landing gear into slot on bottom of fuselage. Retain with two washer head machine screws in holes provided.



- 9** Read and fully understand the Li-Po care and safety precautions in the full online manual at www.ares-rc.com and never leave Li-Po batteries unattended while charging. Plug the mains power adaptor into a wall socket and connect the charger to the power adaptor using the circular DC socket. Note that the red LED 'Power' indicator on the charger will light.



- 10** Place the charger on a flat, heat resistant surface with a good airflow all around. Connect the supplied 2S 1000mAh Li-Po battery to the charger using the white three pin balance plug, ensuring the correct orientation of the plug. The red and green 'Charger' LEDs will light indicating that the battery is charging. When fully charged the red LED will remain glowing the green will be out, whereupon the battery can be disconnected.



- 11** Remove the battery hatch, slide the Li-Po into the front section of the fuselage and secure it to the battery mounting platform using the hook and loop tape supplied.



- 12** Remove the transmitter battery cover (RTF version only) and insert four AA alkaline cells taking care to observe the correct polarity.



- 13** Switch ON your transmitter, ensure the LED is lit solid red, then center all the trim levers and move the throttle stick to the low position (RTF version only). PTF owners should now pair their Hitec red enabled transmitter using the guide at the back of this Quick Start Guide.



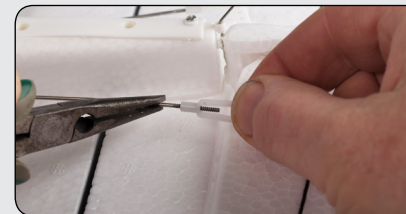
- 14** Connect the battery to the ESC, the servos will become operational. Plug in the LEDs to the balance connector of the flight battery. Stow the leads within the fuselage and replace the battery hatch. The servos are active but the motor is not armed at this point. In the unlikely event that the servos do not operate, see the PAIRING instructions at the back of this guide.



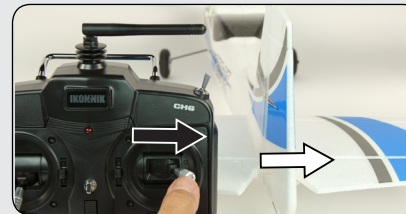
- 15** With the control surfaces centered, connect the elevator and rudder clevises to the outer hole of each control horn noting that you may have to screw the clevis in or out to ensure that the control surface remains in the neutral position.



- 16** If you need to adjust a clevis, grasp the pushrod with a pair of needle-nose pliers and screw the clevis in or out as required.



- 17** Check that the control surfaces operate in the correct direction. With the model in front of you, facing away, move the rudder stick to the right and check that the rudder moves right in response. Left rudder stick will move the rudder to the left.



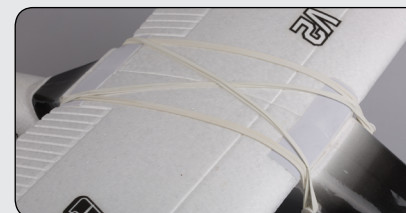
- 18** Pull the elevator stick back and check that the elevator moves in an upward direction. Push the elevator stick forward and check that the elevator moves in a downward direction.



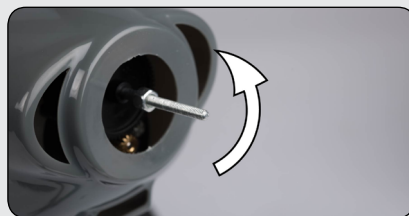
- 19** Plug the two LED connectors into the LED Y-connector. Make sure to match the wire colors for correct polarity.



- 20** Place the wing into position on top of the fuselage and retain with at least 4 rubber bands but no more than 6 rubber bands. Install the bands as shown in the photo to the right.



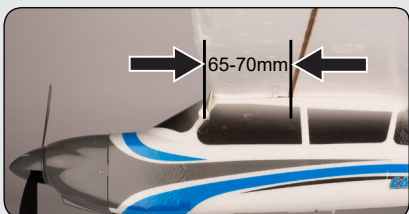
- 21** To activate the throttle, cycle the throttle stick to full and back to off. Then open the throttle slowly and check that the motor shaft turns in a counter-clockwise direction (when viewed from the front).



- 22** Open the battery box and unplug the Li-Po battery and LEDs and switch OFF the transmitter. Install the prop in this order: Thick 3mm nut, spinner backing plate, thick 3mm nut, prop, washer, thin 3mm nut, nylock 3mm nut, spinner nose piece.



- 23** Check that your Gamma V2 sits level when balanced on either side of the fuselage under the wing at a point 65-70mm back from the leading edge.



- 24** With the throttle stick in the low position, switch ON the transmitter once more and connect the battery to the ESC. Refit the battery hatch and check once more that the control surfaces move in the correct direction.



- 25** Your Gamma V2 is now ready to fly. Choose a suitably calm day to test fly your model. We recommend that the services of an experienced model pilot be employed to assist with your first flight. Please see the full manual for further information.



Ares Gamma 370 V2 Item List

Item Number	Spare Part Description
AZSA1610T	20-Amp Brushed Motor ESC w/ T-connector: Gamma V2
AZSA1613	3-Channel Wing Set w/o decals: Gamma V2
AZSA1615	Fuselage w/o decal: Gamma V2, Gamma Pro V2
AZSA1616	Main Landing Gear: Gamma V2, Gamma Pro V2
AZSA1617	Landing Gear Mount/Battery Hatch Set: Gamma 370 V2, Pro V2
AZSA1618	Tail Wheel Set: Gamma V2, Pro V2
AZSA1621	Painted Cowl: Gamma V2, Gamma Pro V2
AZSA1623	Spinner: Gamma V2
AZSA1624	Decal Set: Gamma V2
AZS1631	1000mAh 2-Cell/2S 7.4V 20C LiPo Battery, T-connector: Gamma V2
KNNA1003	6-Channel Transmitter Only NFP
KNNA1003M1	6-Channel Transmitter Only NFP: Mode 1
KNNA1004	6-Channel Aircraft Receiver
AZS1207	9-Gram Sub-Micro Servo: Gamma 370, Pro, Gamma V2, Pro V2
AZS1207GS	9-Gram Sub-Micro Servo Gear Set: Gamma 370, Pro, Gamma V2, Pro V2
AZS1209	370 Motor w/Pinion Gear: Gamma 370, Gamma V2
AZS1211	370 Gearbox w/Shaft: Gamma 370, Gamma V2
AZS1212	370 Gearbox Propeller Shaft w/Gear: Gamma 370, Gamma V2
AZS1214	Tail Set w/o decal: Gamma 370, Pro, V2, Pro V2
AZS1218	Tail Wheel Set: Gamma 370, Gamma Pro
AZS1219	Pushrod Set: Gamma 370, Pro, V2, Pro V2
AZS1220	Control Horn Set: Gamma 370, Pro, V2, V2 Pro
AZS1225	Rubber Bands: Gamma, V2, Gamma Pro, Pro V2
AZSP0860SF	8 x 6 Slow Flyer Propeller: Gamma 370, V2
AZSP0970SF	9 x 7 Slow Flyer Propeller: Gamma 370, V2
AZSC205C	205C 2-Cell/2S 7.4V LiPo, 0.5A DC Balancing Charger: Gamma 370, V2
AZSC1205PS	1205PS 100-120V AC to 12V DC Adapter, 0.5-Amp Power Supply: Gamma 370, V2
Item Number	Upgrade Part Description
AZSA1640	Float Set: Gamma V2, Pro V2
AZSA1626	Aileron Wing Set: Gamma V2, Pro V2
AZSP8040HS	8 x 4 High Speed Propeller (2): Gamma Pro, Pro V2
AZSA1623P	Spinner: Gamma Pro V2
AZS1629	1250KV, 370 Brushless Motor: Gamma Pro V2
AZS1230	20-Amp Brushless Motor ESC w/T-connector: Gamma 370 Pro, Pro V2
AZSB10003S20D	1000mAh 3-Cell/3S 11.1V 20C LiPo Battery, T-connector: Gamma Pro, Pro V2
AZSC305C	305C 3-Cell/3S 11.1V LiPo, 0.5A DC Balancing Charger: Gamma Pro, Pro V2
AZSC1305PS	100-120V AC to 13V DC Adapter, 0.5-Amp Power Supply: Gamma Pro, P-51D, Pro V2

NOTE: If you experience any problems, please consult online troubleshooting guide.



Transmitter Pairing

If you're completing the PTF (Pair to Fly) version, or in the unlikely event that your Gamma 370 V2's RTF radio does not operate straight out of the box, use this guide to pair your transmitter to the included KA-6 receiver. Once the receiver has been paired to the transmitter it should not be necessary to complete this procedure again as the ID code will be stored in the receiver. For full pairing information and that relating specifically to the KA-6 transmitter see the online manual at www.lkonnik-rc.com

- 1 If previously fitted, remove the Gamma 370 V2's propeller during the receiver pairing process. Place your transmitter and receiver/model within 1m of each other.



- 2 Switch the transmitter ON and follow the pairing/binding procedure applicable to your radio set.



- 3 If using a Hitec air radio that supports both OPTIMA and MINIMA receivers, make sure to select the MINIMA option for pairing then put your transmitter into pair/bind mode.



- 4 Switch the receiver ON. The LED will initially flash red/blue then change to fast-flashing red. Follow the screen prompts or the guidance detailed in your transmitter's pairing instructions, re-booting both the transmitter and receiver as necessary. Pairing will be complete when the flashing red LED on the receiver turns to solid red.



NOTE: Your receiver may look different than the one shown