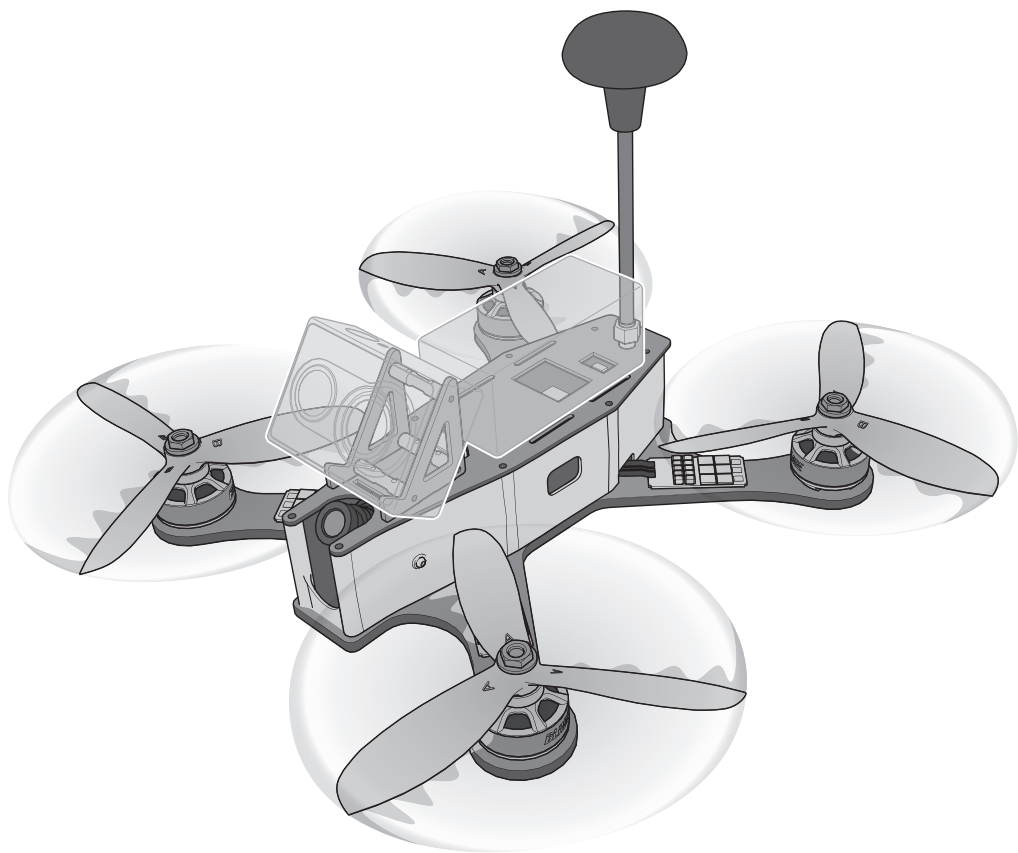


BLADE **CONSPIRACY**TM 220



Instruction Manual
Bedienungsanleitung
Manuel d'utilisation
Manuale di Istruzioni

BNFTM
BASIC

SAFE[®] 

NOTICE

All instructions, warranties and other collateral documents are subject to change at the sole discretion of Horizon Hobby, LLC. For up-to-date product literature, visit horizonhobby.com and click on the support tab for this product.

Meaning of Special Language

The following 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 physical property damage AND a little or no possibility of injury.

CAUTION: Procedures, which if not properly followed, create the probability of physical property damage AND a possibility of serious injury.

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.



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, personal property and cause serious injury.

This is a sophisticated hobby 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 injury or damage to the product or other property. 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 Horizon Hobby, LLC. This manual contains instructions for safety, operation and maintenance. It is essential to read and follow all the instructions and warnings in the manual, prior to assembly, setup or use, in order to operate correctly and avoid damage or serious injury.

Age Recommendation: Not for children under 14 years. This is not a toy.

Safety Precautions and Warnings

- Always keep a safe distance in all directions around your model to avoid collisions or injury. This model is controlled by a radio signal subject to interference from many sources outside your control. Interference can cause momentary loss of control.
- Always operate your model in open spaces away from full-size vehicles, traffic and people.
- Always carefully follow the directions and warnings for this and any optional support equipment (chargers, rechargeable battery packs, etc.).
- Always keep all chemicals, small parts and anything electrical out of the reach of children.
- Always avoid water exposure to all equipment not specifically designed and protected for this purpose. Moisture causes damage to electronics.
- Never place any portion of the model in your mouth as it could cause serious injury or even death.
- Never operate your model with low transmitter batteries.
- Always keep aircraft in sight and under control.
- Always move the throttle fully down at rotor strike.
- Always use fully charged batteries.
- Always keep transmitter powered on while aircraft is powered.
- Always remove batteries before disassembly.
- Always keep moving parts clean.
- Always keep parts dry.
- Always let parts cool after use before touching.
- Always remove batteries after use.
- Never operate aircraft with damaged wiring.
- Never touch moving parts.



WARNING AGAINST COUNTERFEIT PRODUCTS: If you ever need to replace a Spektrum component found in a Horizon Hobby product, always purchase from Horizon Hobby, LLC or a Horizon Hobby authorized dealer to ensure authentic high-quality Spektrum product. Horizon Hobby, LLC disclaims all support and warranty with regards, but not limited to, compatibility and performance of counterfeit products or products claiming compatibility with DSM or Spektrum technology.

If you are operating this product in North America, you are required to have an Amateur Radio (HAM) license. Visit www.arrl.org for more information.

As of this printing, you are required to register with the FAA if you own this product.

For up-to-date information on how to register with the FAA, please visit <https://registermyuas.faa.gov/>. For additional assistance on regulations and guidance on UAS usage, visit knowbeforeyoufly.org/.

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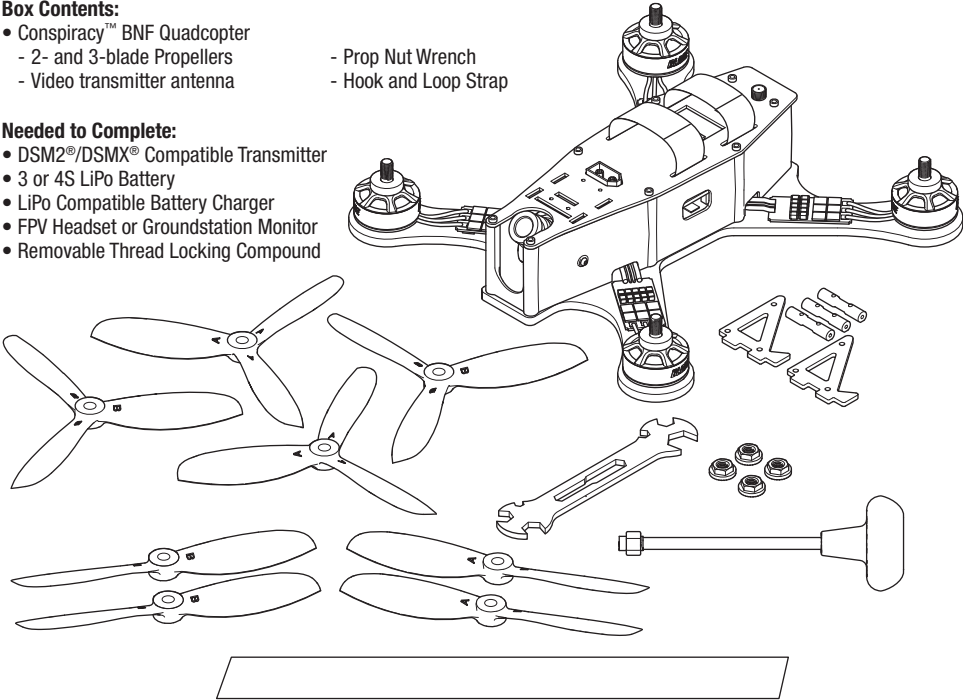
Specifications			
Length	7 in (180mm)	Max Propeller Diameter	5 in (127mm)
Height	5.27 in (134mm)	Flying Weight	19.4 oz (550 g)

Box Contents:

- Conspiracy™ BNF Quadcopter
 - 2- and 3-blade Propellers
 - Video transmitter antenna
- Prop Nut Wrench
 - Hook and Loop Strap

Needed to Complete:

- DSM2®/DSMX® Compatible Transmitter
- 3 or 4S LiPo Battery
- LiPo Compatible Battery Charger
- FPV Headset or Groundstation Monitor
- Removable Thread Locking Compound



To receive product updates, special offers and more, register your product at www.bladehelis.com.

First Flight Preparation

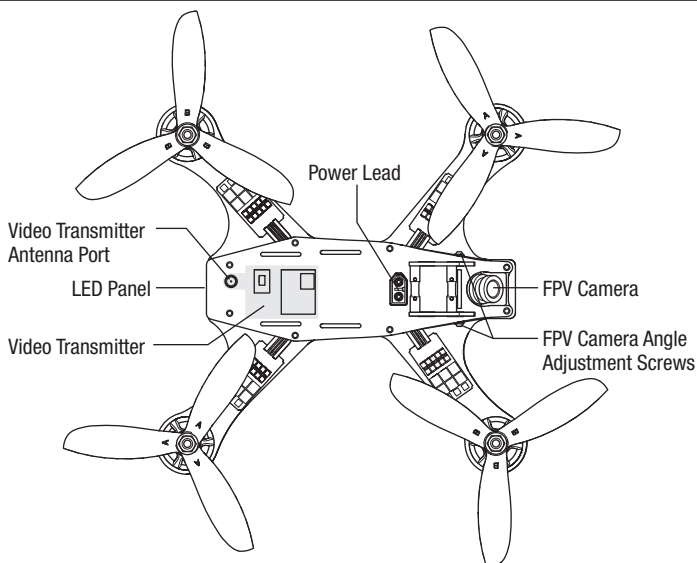
- Remove and inspect contents
- Begin charging the flight battery
- Assemble the aircraft
- Program your computer transmitter
- Install the flight battery in the aircraft (once it has been fully charged)
- Bind your transmitter
- Familiarize yourself with the controls
- Find a suitable area for flying

Flying Checklist

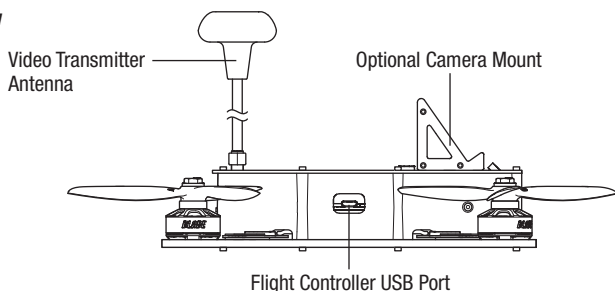
- ☐ **Always turn the transmitter on first**
- ☐ Plug the flight battery into the lead from the ESC
- ☐ Allow the ESC to initialize and arm properly
- ☐ Fly the model
- ☐ Land the model
- ☐ Unplug the flight battery from the ESC
- ☐ **Always turn the transmitter off last**

Parts of the Quadcopter

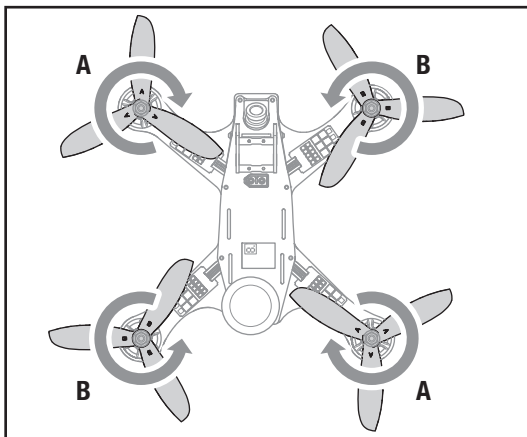
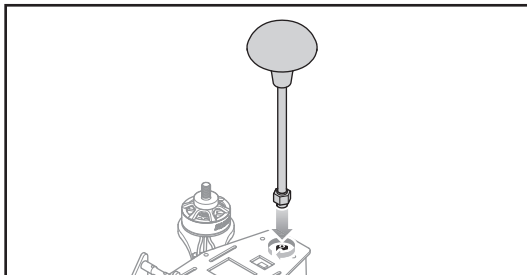
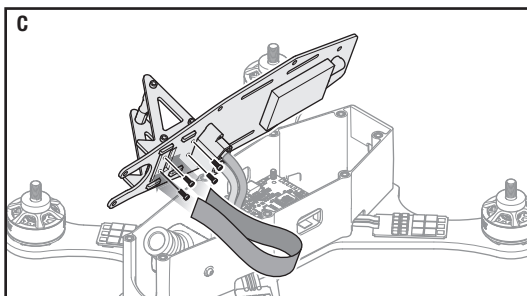
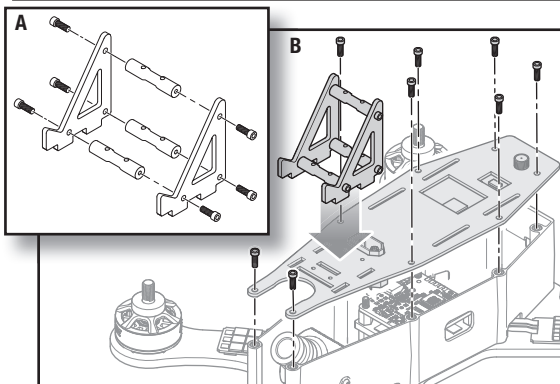
Top View



Right Side View



Assembly



Assemble and Install the Optional Camera Mount

If you wish to use an additional camera to record your flights, follow the directions below to assemble and install the optional video camera mount.

1. Assemble the camera mount as shown (A). **Do not fully tighten the screws.** Use removable thread locking compound to keep the screws from loosening due to vibration.
2. Remove the 8 screws holding the top plate to the quadcopter (B).
3. Carefully lift the top plate away from the frame.
4. Position the tabs of the camera mount into the slots in the top plate.
5. Using 4 screws and thread locking compound, secure the camera mount through the bottom of the top plate and into the bottom camera mount standoffs (C).
6. Tighten all the screws in the camera mount.
7. Feed a hook and loop strap through the top plate slots as shown (C).
8. Re-attach the top plate to the quadcopter frame using thread locking compound and the 8 screws removed in step 2.

Install the Video Transmitter Antenna

Install the video transmitter antenna as shown.

NOTICE: Never power on the video transmitter without the antenna installed. Powering on without the antenna will damage the transmitter.

Install the Propellers

The quadcopter comes with both 2 and 3-blade propellers. Install either the 2-blade **OR** the 3-blade propellers. Do not combine the different propellers.

1. Refer to the illustration for the proper motor rotation and propeller location. The propellers are labelled as A or B. The A propellers mount to the clockwise rotating motors and the B propellers mount to the counterclockwise rotating motors as shown.
2. Secure the propellers using 4 flanged lock nuts. **Do not** overtighten the nuts as damage to the propellers or motor shafts may result.

Transmitter Setup

DX6, DX7 (Gen 2), DX8 (Gen 2), DX9, DX18, DX20

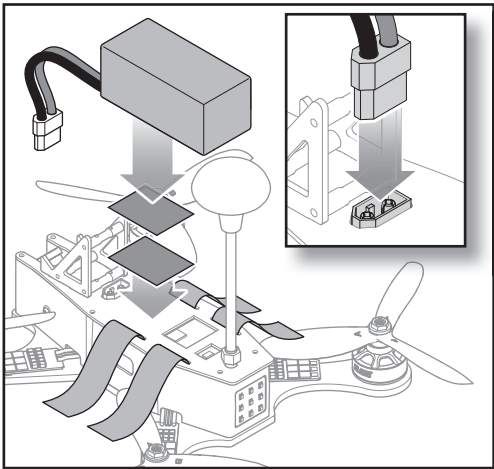
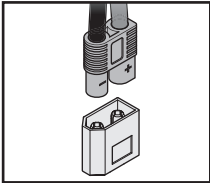
SETUP LIST	
Model Type	
Airplane	
F-Mode Setup	
Switch 1	Inhibit
Switch 2	Inhibit
Channel Assign	
Channel Input Config	
1 Throttle	
2 Aileron	
3 Elevator	
4 Rudder	
5 Gear	Switch B
6 Aux 1	Switch H
Frame Rate	
11ms	
DSMX	

FUNCTION LIST					
Servo Setup					
Chan	Travel	Reverse	Chan	Travel	Reverse
THR	150/150	Normal	RUD	148/148	Reverse
AIL	148/148	Reverse	GER	100/100	Normal
ELE	148/148	Normal	AUX1	100/100	Normal
D/R & Expo				Timer	
Chan	Switch (B) Pos	D/R	Expo	Mode	Count Down
AILE	0	100/100	0	Time	4:00
	1	100/100	0	Start	Throttle Out
	2	100/100	0	Over	25%
ELEV	0	100/100	0	One Time	Inhibit
	1	100/100	0		
	2	100/100	0		

Switch Functions
Flight Mode Switch = **Switch B**
Motor Arm Switch = **Switch H**

Installing the Flight Battery

1. Set the motor arm switch to OFF (position 1).
2. Lower the throttle.
3. Power on the transmitter.
4. Attach hook material to the quadcopter frame and loop material to the battery.
5. Install the flight battery on the quadcopter frame. Secure the flight battery with a hook and loop strap.
6. Connect the battery cable to the aircraft power lead, noting correct polarity.
The quadcopter utilizes an XT-60 connector. If your flight battery uses an EC3™ connector you may either use an adapter, available in the Optional Parts list, or you may connect the EC3 connector directly to the XT-60. The round negative terminal of the EC3 fits in the angled negative terminal of the XT-60 as shown below.



7. Do not move the quadcopter until the receiver initializes.
8. The quadcopter motors will emit initialization tones, indicating the ESCs are armed.



CAUTION: Always disconnect the Li-Po battery from the quadcopter when not flying to avoid over-discharging the battery. Batteries discharged to a voltage lower than the lowest approved voltage may become damaged, resulting in loss of performance and potential fire when batteries are charged.



CAUTION: Connecting the battery to the aircraft power lead with reversed polarity will cause damage to the power distribution board, ESCs and the battery. Damage caused by incorrectly connecting the battery is not covered under warranty.

Transmitter and Receiver Binding

To bind or re-bind your quadcopter to your chosen transmitter, follow the directions below.

Binding Procedure
1. Select the correct model in your transmitter.
2. Power off your transmitter.
3. Lower the throttle fully.
4. With the transmitter off, power on the quadcopter. The receiver will attempt to connect to the last transmitter it was bound to. The receiver LED will rapidly flash orange indicating the receiver has entered Bind Mode.
5. Follow the procedures of your specific transmitter to enter Bind Mode.
6. The receiver LED glows solid orange indicating binding was successful.

IMPORTANT: After the receiver has been bound to your transmitter, always power your transmitter on first so the receiver will not enter bind mode. If the model enters bind mode unintentionally, power off the model, ensure the transmitter is powered on with the correct model selected and then power the model on again. The receiver will not lose its previous bind information if it enters bind mode and does not bind.

If you encounter problems, obey binding instructions and refer to the troubleshooting guide for other instructions. If needed, contact the appropriate Horizon Product Support office. For a list of compatible DSM® transmitters, please visit www.bindnfly.com.

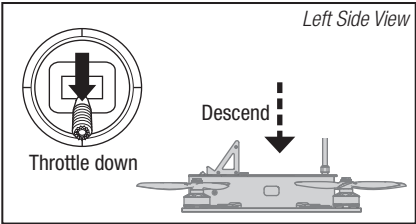
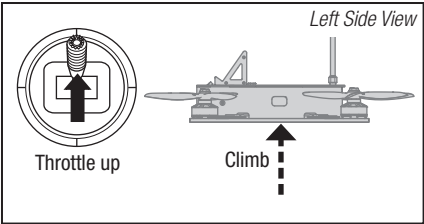
Failsafe

The included receiver does not have failsafe capabilities. Failsafe is detected at the flight controller. In the event of a loss of signal to the receiver the flight controller will cut power to the motors to prevent a fly-away situation.

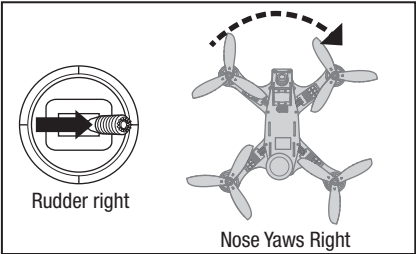
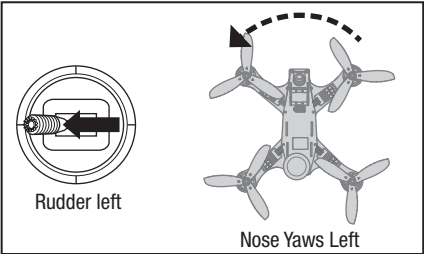
Understanding the Primary Flight Controls

If you are not familiar with the controls of your quadcopter, take a few minutes to familiarize yourself with them before attempting your first flight.

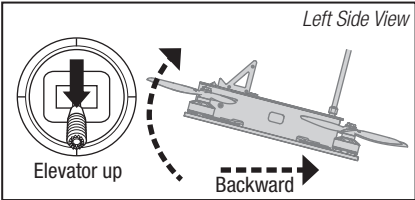
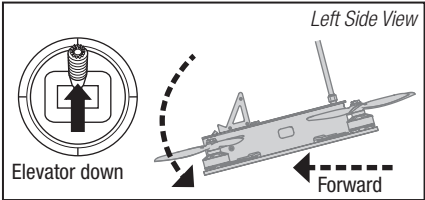
Throttle



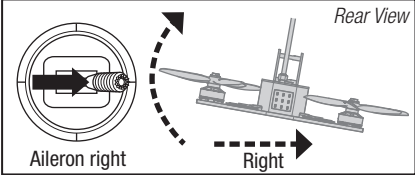
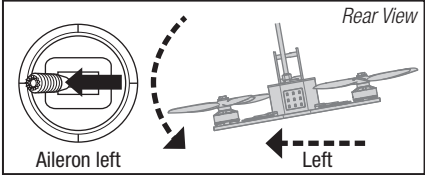
Rudder



Elevator



Aileron



Using the Video Transmitter

NOTICE: Never power on the video transmitter without the antenna installed. Powering on without the antenna will damage the video transmitter.

The video transmitter is located under the top plate of the quadcopter, with access holes to allow changing the band and channel, as shown in the illustration.

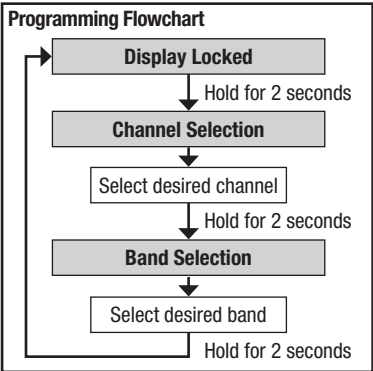
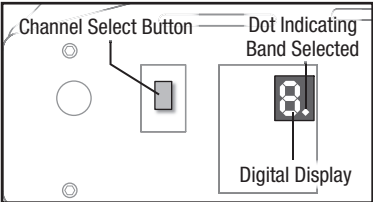
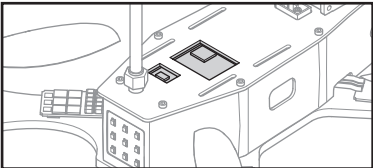
At power up the digital display will flash 2 numbers repeatedly, indicating it is locked. The number with the “dot” is the selected BAND (1.-5.), the second number is the channel (1-8).

Channel Selection:

- 1. To unlock the display push and hold the Channel Select button for 2 seconds.
- 2. Press the button to cycle through the channels (1-8).
- 3. Press and hold the button for 2 seconds to exit Channel Select.
- If you are changing bands, proceed to *Step 3* of the Band Selection section.
- 4. Press and hold the button again for 2 seconds to exit and lock the display.

Band Selection:

- 1. Press and hold the button for 2 seconds to enter Channel Select.
- 2. Press and hold the button again for 2 seconds to switch from Channel Select to Band select.
- 3. Press the button to cycle through the Bands (1-5).
- 4. Press and hold the button for 2 seconds to exit and lock the display.

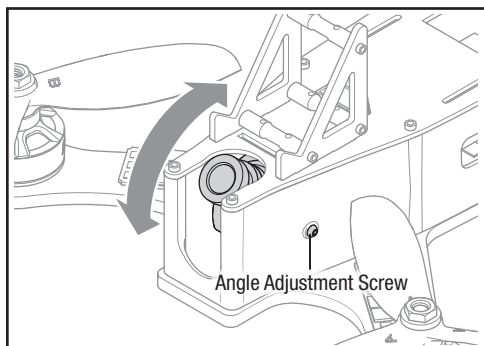


Available Frequencies (mHz)

		Channel Number							
Band Number		CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	CH 7	CH 8
	1. Band A	5865	5845	5825	5805	5785	5765	5745	5725
	2. Band B	5733	5725	5771	5790	5809	5828	5847	5866
	3. Band E**	5705	5685	5665	N/A	5885	5905	N/A	N/A
	4. FS/IRC	5740	5760	5780	5800	5820	5840	5860	5880
	5. RaceBand	5658	5695	5732	5769	5806	5843	5880	5917

** E band Channels 4, 7 and 8 have been removed to prevent transmitting outside of designated Amature radio frequencies

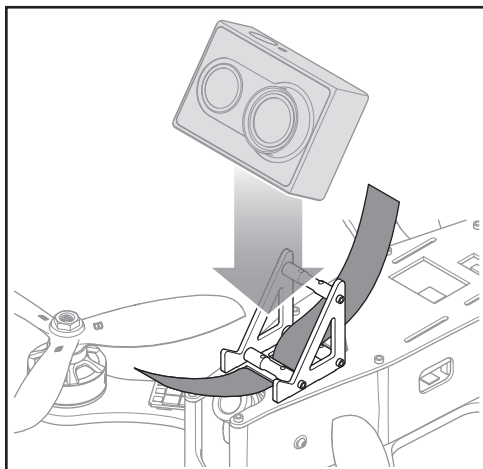
Adjusting the FPV Camera Angle



To adjust the FPV camera angle:

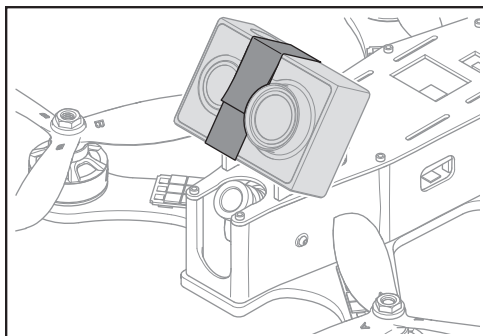
1. Loosen the FPV camera angle adjustment screw on both sides of the quadcopter.
DO NOT remove the screws.
2. Rotate the camera up or down to the desired angle.
3. Tighten the angle adjustment screws.
DO NOT overtighten the screws.

Installing An Optional Video Camera



To install an optional video camera:

1. Place the camera (not included) into the camera mount.
2. Wrap the hook and loop strap around the camera to secure it in place.



Preparing the Conspiracy Quadcopter for Flight

1. Before each flight, ALWAYS power on the transmitter before connecting the flight battery to the quadcopter. After each flight, disconnect the flight battery from the quadcopter before powering off the transmitter.

NOTICE: Connecting the flight battery before powering on the transmitter can start the binding process. Please see the *Transmitter and Receiver Binding* section of this manual for more information.

2. When the ESC beeps, the flight controller is initialized and ready for flight.

The flight controller will not arm the motors until the throttle stick is in the lowest possible position.

Flight Mode and Rate Selection

- In angle mode (*switch position 0*), the quadcopter will self-level and has a bank angle limit of approximately 60 degrees.
- In air mode (*switch position 1*), the quadcopter will not self-level and does not have a bank angle limit. At low throttle, the flight controller will continue to stabilize the quadcopter to hold whatever attitude was last commanded. This mode is useful for flying smooth aerobatic maneuvers at both high and low throttle settings.
- In acro mode (*switch position 2*), the quadcopter will not self-level and does not have a bank angle limit. At low throttle, the flight controller will not stabilize the quadcopter. The pilot must actively control the quadcopter to maintain a desired attitude. This mode is most preferred when immediate changes in altitude are desired, such as in racing. Use rates and expo to tune the performance according to your flying style.

Refer to the *Transmitter Setup* for transmitter switch selection and specific setup information.

Flying the Conspiracy Quadcopter

Takeoff

When you are prepared to fly, start the motors by activating the motor arm switch (switch H), as programmed in the transmitter setup section. Increase the throttle until the model is approximately 2 ft. (600mm) off the ground and check the trim so the model flies as desired. Once the trim is adjusted, begin flying the model.

Typical flight times for the included battery range from 4–5 minutes.

Low Voltage Cutoff (LVC)

LVC decreases the power to the motors when the battery voltage gets low. When the motor power decreases, land the aircraft immediately and recharge the flight battery.

LVC does not prevent the battery from over-discharge during storage.

NOTICE: Repeated flying to LVC will damage the battery.

Landing

To land, slowly decrease the throttle while in a low-level hover. After landing, stop the motors by changing the motor arm switch to the off position; disconnect and remove the battery from the aircraft after use to prevent over discharge. During storage, make sure the battery charge does not fall below 3V per cell.

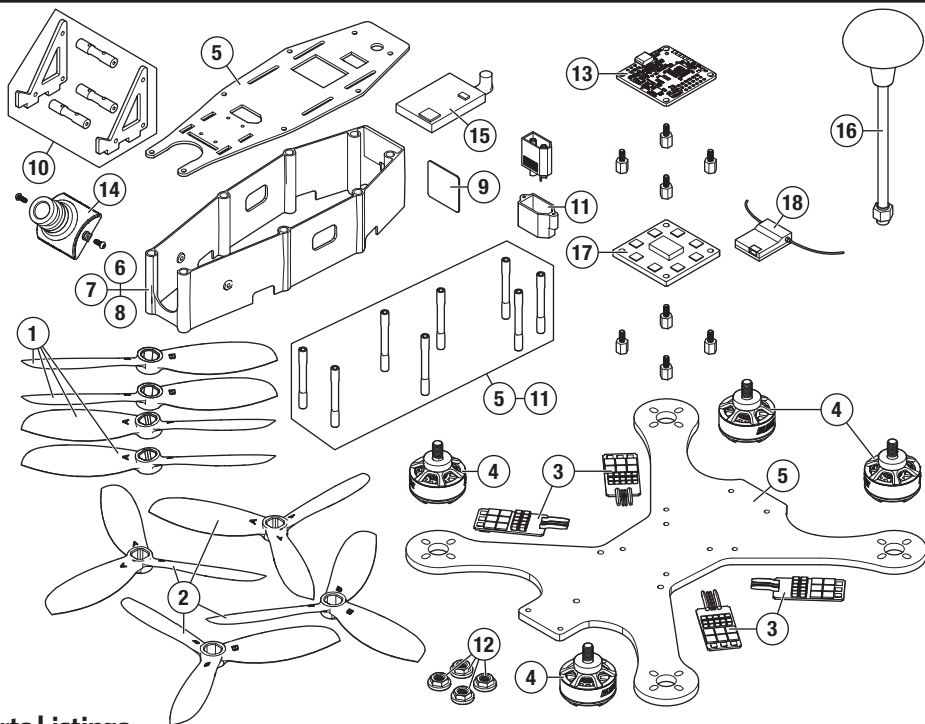
Post-Flight Inspection and Maintenance Checklist

✓		
	Cleaning	Make sure the battery is not connected before cleaning. Remove dust and debris with a soft brush or a dry, lint-free cloth.
	Motors	Replace the motor when the model will not fly steady or veers off when doing a climb out.
	Wiring	Make sure the wiring does not block moving parts. Replace damaged wiring and loose connectors.
	Fasteners	Make sure there are no loose screws, other fasteners or connectors. Do not over-tighten metal screws in plastic parts. Tighten screws so the parts are mated together, then turn the screw only 1/8th of a turn more. Do not use threadlock on or near plastic parts.
	Propellers	Make sure there is no damage to the propellers or other parts that move at high speed. Damage to these parts includes cracks, burrs, chips or scratches. Replace damaged parts before flying.

Troubleshooting Guide

Problem	Possible Cause	Solution
Quadcopter control response is inconsistent or requires extra trim to neutralize movement	Quadcopter not initialized on a level surface	Disconnect the flight battery, center the control trim and re-initialize the quadcopter
	Battery not correctly placed	Adjust battery position so quadcopter balances in the center of the frame
Quadcopter will not respond to throttle	Motor arm switch is in the OFF position	Set the motor arm switch to the ON position
	Throttle too high and/or throttle trim is too high	Reset controls with the throttle stick and throttle trim at the lowest setting
	Quadcopter moved during initialization	Disconnect the flight battery and re-initialize the quadcopter while keeping the quadcopter from moving
	Throttle channel is reversed	Disconnect flight battery, reverse the throttle channel on the transmitter, reconnect flight battery
Quadcopter does not function and smells burnt after connecting the flight battery	Flight battery connected with the wrong polarity	Replace the power distribution board. Connect the flight battery noting proper polarity
Quadcopter has reduced flight time or is underpowered	Flight battery charge is low	Completely recharge the flight battery
	Inadequate power to flight battery charger	Use a different power source for the charger
	Flight battery is damaged	Replace the flight battery and follow the flight battery instructions
	Flight conditions might be too cold	Make sure the battery is warm (room temperature) before use
Difficulty binding	Transmitter too near aircraft during binding process	Power off the transmitter. Move the transmitter a larger distance from the aircraft or shield the aircraft from the transmitter using your body. Disconnect and reconnect the flight battery to the quadcopter. Follow the binding instructions
	Bind switch or button was not held while transmitter was powered on	Power off transmitter and repeat bind process
	Quadcopter or transmitter is too close to large metal object, wireless source or another transmitter	Move quadcopter and transmitter to another location and attempt binding again
Difficulty connecting (after binding)	Transmitter not powered on before the quadcopter	Power the quadcopter off. Power on the transmitter first and then the quadcopter.
	Less than a 5-second wait between first powering on the transmitter and connecting the flight battery to the quadcopter	Leave the transmitter powered on. Disconnect and reconnect the flight battery to the quadcopter
	The quadcopter is bound to a different model memory (ModelMatch™ transmitters only)	Select the correct model memory on the transmitter. Disconnect and reconnect the flight battery to the quadcopter
	Flight battery or transmitter battery charge is too low	Replace or recharge batteries
	Quadcopter or transmitter is too close to large metal object, wireless source or another transmitter	Move quadcopter and transmitter to another location and attempt connecting again
Crashes immediately upon lift-off	Propellers in wrong locations or incorrect flight mode selected	Ensure propeller direction and motor direction are correct
	Aileron, elevator or rudder are reversed in the transmitter	Ensure aileron, elevator or rudder are not reversed

Parts Explosion



Parts Listings

Part #	Description
1	BLHA1002 5x4 FPV Race Prop, 2Blade, Green
2	BLHA1003 5x4 FPV Race Prop, 3Blade, Green
3	BLHA1006 20A ESC BLHeli Opto Quad Pack
4	BLHA1021 2205-2350Kv FPV Racing Motor
5	BLH02001 Main Frame
6	BLH02002GR Frame Skirt, Green
7	BLH02002RE Frame Skirt, Red
8	BLH02002YE Frame Skirt, Yellow
9	BLH02003 LED Board
10	BLH02004 HD Camera Mount

Part #	Description
11	BLH02005 Hardware Kit
12	BLH02006 M5 LockNut
13	SPMFC3206 FC32 Flight Controller Rev 6 w/SPM RX Connector
14	SPMVC650 650TVL CCD FPV Camera NTSC
15	SPMVT200 200mw 5.8 GHz video transmitter with Raceband
16	SPMVX5801 RHCP Omni straight connector
17	SPMVX9909 Power Distribution Board with 5v and 12v regulator
18	SPM4648 DSMX Quad Race Receiver with Diversity

Optional Parts

Part #	Description
EFLRB10004S35	1000mAh 4S 14.8V 35C LiPo Battery Thrust
EFLRB13004S35	1300mAh 4S 14.8V 35C LiPo Battery Thrust
DYNC0142	Battery Adaptor: XT60 Female to EC3 Device
BLHA1020	2205-2050Kv FPV Racing Motor
BLHA1022	2205-2650Kv FPV Racing Motor
SPMVT025	25mw 5.8 GHz video transmitter with Raceband

Part #	Description
FSV1063	Dominator V3 Modular WVGA Headset
	DX6 DSMX 6-Channel Transmitter Only
	DX7 DSMX 7-Channel Transmitter Only
	DX8 DSMX 8-Channel Transmitter Only
	DX9 DSMX 9-Channel Transmitter Only
	DX18 DSMX 18-Channel Transmitter Only
	DX20 DSMX 20-Channel Transmitter Only

Limited Warranty

What this Warranty Covers

Horizon Hobby, LLC, (Horizon) warrants to the original purchaser that the product purchased (the "Product") will be free from defects in materials and workmanship at the date of purchase.

What is Not Covered

This warranty is not transferable and does not cover (i) cosmetic damage, (ii) damage due to acts of God, accident, misuse, abuse, negligence, commercial use, or due to improper use, installation, operation or maintenance, (iii) modification of or to any part of the Product, (iv) attempted service by anyone other than a Horizon Hobby authorized service center, (v) Product not purchased from an authorized Horizon dealer, (vi) Product not compliant with applicable technical regulations, or (vii) use that violates any applicable laws, rules, or regulations.

OTHER THAN THE EXPRESS WARRANTY ABOVE, HORIZON MAKES NO OTHER WARRANTY OR REPRESENTATION, AND HEREBY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE PURCHASER ACKNOWLEDGES THAT THEY ALONE HAVE DETERMINED THAT THE PRODUCT WILL SUITABLY MEET THE REQUIREMENTS OF THE PURCHASER'S INTENDED USE.

Purchaser's Remedy

Horizon's sole obligation and purchaser's sole and exclusive remedy shall be that Horizon will, at its option, either (i) service, or (ii) replace, any Product determined by Horizon to be defective. Horizon reserves the right to inspect any and all Product(s) involved in a warranty claim. Service or replacement decisions are at the sole discretion of Horizon. Proof of purchase is required for all warranty claims. SERVICE OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE PURCHASER'S SOLE AND EXCLUSIVE REMEDY.

Limitation of Liability

HORIZON SHALL NOT BE LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES, LOSS OF PROFITS OR PRODUCTION OR COMMERCIAL LOSS IN ANY WAY, REGARDLESS OF WHETHER SUCH CLAIM IS BASED IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR ANY OTHER THEORY OF LIABILITY, EVEN IF HORIZON HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. Further, in no event shall the liability of Horizon exceed the individual price of the Product on which liability is asserted. As Horizon has no control over use, setup, final assembly, modification or misuse, no liability shall be assumed nor accepted for any resulting damage or injury. By the act of use, setup or assembly, the user accepts all resulting liability. If you as the purchaser or user are not prepared to accept the liability associated with the use of the Product, purchaser is advised to return the Product immediately in new and unused condition to the place of purchase.

Law

These terms are governed by Illinois law (without regard to conflict of law principals). This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Horizon reserves the right to change or modify this warranty at any time without notice.

WARRANTY SERVICES

Questions, Assistance, and Services

Your local hobby store and/or place of purchase cannot provide warranty support or service. Once assembly, setup or use of the Product has been started, you must contact your local distributor

or Horizon directly. This will enable Horizon to better answer your questions and service you in the event that you may need any assistance. For questions or assistance, please visit our website at www.horizonhobby.com, submit a Product Support Inquiry, or call the toll free telephone number referenced in the Warranty and Service Contact Information section to speak with a Product Support representative.

Inspection or Services

If this Product needs to be inspected or serviced and is compliant in the country you live and use the Product in, please use the Horizon Online Service Request submission process found on our website or call Horizon to obtain a Return Merchandise Authorization (RMA) number. Pack the Product securely using a shipping carton. Please note that original boxes may be included, but are not designed to withstand the rigors of shipping without additional protection. Ship via a carrier that provides tracking and insurance for lost or damaged parcels, as Horizon is not responsible for merchandise until it arrives and is accepted at our facility. An Online Service Request is available at http://www.horizonhobby.com/content/_service-center_render-service-center. If you do not have internet access, please contact Horizon Product Support to obtain a RMA number along with instructions for submitting your product for service. When calling Horizon, you will be asked to provide your complete name, street address, email address and phone number where you can be reached during business hours. When sending product into Horizon, please include your RMA number, a list of the included items, and a brief summary of the problem. A copy of your original sales receipt must be included for warranty consideration. Be sure your name, address, and RMA number are clearly written on the outside of the shipping carton.

NOTICE: Do not ship LiPo batteries to Horizon. If you have any issue with a LiPo battery, please contact the appropriate Horizon Product Support office.

Warranty Requirements

For Warranty consideration, you must include your original sales receipt verifying the proof-of-purchase date. Provided warranty conditions have been met, your Product will be serviced or replaced free of charge. Service or replacement decisions are at the sole discretion of Horizon.

Non-Warranty Service

Should your service not be covered by warranty, service will be completed and payment will be required without notification or estimate of the expense unless the expense exceeds 50% of the retail purchase cost. By submitting the item for service you are agreeing to payment of the service without notification. Service estimates are available upon request. You must include this request with your item submitted for service. Non-warranty service estimates will be billed a minimum of ½ hour of labor. In addition you will be billed for return freight. Horizon accepts money orders and cashier's checks, as well as Visa, MasterCard, American Express, and Discover cards. By submitting any item to Horizon for service, you are agreeing to Horizon's Terms and Conditions found on our website http://www.horizonhobby.com/content/service-center_render-service-center.

ATTENTION: Horizon service is limited to Product compliant in the country of use and ownership. If received, a non-compliant Product will not be serviced. Further, the sender will be responsible for arranging return shipment of the un-serviced Product, through a carrier of the sender's choice and at the sender's expense. Horizon will hold non-compliant Product for a period of 60 days from notification, after which it will be discarded.

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Warranty and Service Contact Information

Country of Purchase	Horizon Hobby	Contact Information	Address
United States of America	Horizon Service Center (Repairs and Repair Requests)	servicecenter.horizonhobby.com/RequestForm/	4105 Fieldstone Rd Champaign, Illinois, 61822 USA
	Horizon Product Support (Product Technical Assistance)	productsupport@horizonhobby.com	
	Sales	websales@horizonhobby.com	
		800-338-4639	
United Kingdom	Service/Parts/Sales: Horizon Hobby Limited	sales@horizonhobby.co.uk	Units 1–4 , Ployters Rd, Staple Tye Harlow, Essex, CM18 7NS, United Kingdom
		+44 (0) 1279 641 097	
Germany	Horizon Technischer Service Sales: Horizon Hobby GmbH	service@horizonhobby.de	Christian-Junge-Straße 1 25337 Elmshorn, Germany
		+49 (0) 4121 2655 100	
France	Service/Parts/Sales: Horizon Hobby SAS	infofrance@horizonhobby.com	11 Rue Georges Charpak 77127 Lieusaint, France
		+33 (0) 1 60 18 34 90	

FCC Information

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.

NOTICE: Modifications to this product will void the user's authority to operate this equipment.

IC Information

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."

Compliance Information for the European Union



EU Compliance Statement:

Horizon Hobby, LLC hereby declares that this product is in compliance with the essential requirements and other relevant provisions of the RED and EMC Directives.

A copy of the EU Declaration of Conformity is available online at: <http://www.horizonhobby.com/content/support-render-compliance>.



Instructions for disposal of WEEE by users in the European Union

This product must not be disposed of with other waste. Instead, it is the user's responsibility to dispose of their waste equipment by handing it over to a designated collections 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 make sure 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 where you purchased the product.



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