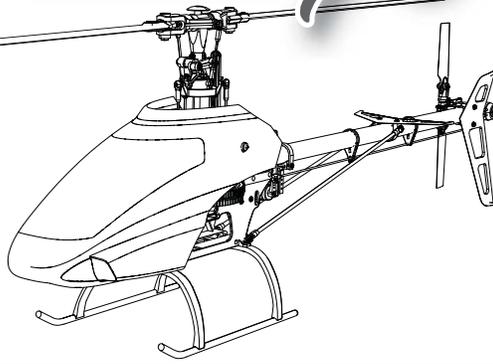
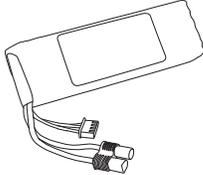
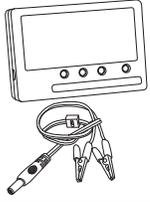


BLADE® 450X BNF™

BLH4380A

Box Contents:

- Blade 450 X
- 3S 11.1V 2200mAh 30C Li-Po Battery
- DC Li-Po Balancing Charger



Components

Airframe	Blade® 450 X
Motor	440H Brushless Outrunner, 4200Kv
Receiver	Spektrum™ AR7200BX with BeastX® Technology
ESC	35-Amp Brushless ESC
Swash Servos	Digital Cyclic Servo 12 g Metal Gear
Tail Servo	Digital Tail Servo 12 g Metal Gear
Battery	3S 11.1V 2200mAh 30C Li-Po
Charger	DC Li-Po Balancing Charger

To register your product online, visit www.bladehelis.com

Transmitter Setup

Program your transmitter before attempting to bind or fly the helicopter. Transmitter programming values are shown below for the Spektrum DX6i, DX6, DX7/DX7se, DX7s, DX8, DX9 and DX18. The files for models using Spektrum™ transmitters with AirWare™ software are also available for download online in the Spektrum Community.

DX6i

SETUP LIST

Model Type	Reverse	Swash Type	Timer
HELI	THRO	N	Type: Down Time: 4:00 Switch: Trainer
	AILE	N	
	ELEV	N	
	RUDD	R	
	GYRO	N	
	PITC	R	

Gyro			
Pos.	Rate	SW-F. Mode	
0	77.0%	NORM	0
1	77.0%	STUNT	0

Throttle Curve					
	L	2	3	4	H
NORM	0%	30%	60%	60%	60%
STUNT	75%	75%	75%	75%	75%
HOLD	10%	10%	10%	10%	10%

Pitch Curve					
	L	2	3	4	H
NORM	30%	40%	50%	75%	100%
STUNT	0%	25%	50%	75%	100%
HOLD	0%	25%	50%	75%	100%

Swash Mix	
	INHIBIT

ADJUST LIST

Switch	Dual Rate / Expo			Travel Adjust		Sub-Trim*	
	Pos.	D/R	Expo				
AILE	0	100%	INH	THRO	100%	THRO	0
	1	85%	INH	AILE	100%	AILE	0*
ELEV	0	100%	INH	ELEV	100%	ELEV	0*
	1	85%	INH	RUDD	100%	RUDD	0*
RUDD	0	100%	INH	GYRO	100%	GYRO	0
	1	85%	INH	PITC	100%	PITC	0

DX7/DX7se

SETUP LIST

Model Type	Reverse	Swash Type	Timer
HELI	THRO	N	Type: Down Time: 4:00 Switch: Trainer
	AILE	N	
	ELEV	N	
	RUDD	R	
	GYRO	N	
	PITC	N	

Gyro			
Pos.	Rate	SW-F. Mode	
0	77.0%	NORM	0
1	77.0%	STUNT	0

Throttle Curve					
	L	2	3	4	H
NORM	0%	30%	60%	60%	60%
STUNT	100%	100%	100%	100%	100%
HOLD	10%	10%	10%	10%	10%

Pitch Curve					
	L	2	3	4	H
NORM	30%	40%	50%	75%	100%
STUNT	0%	25%	50%	75%	100%
HOLD	0%	25%	50%	75%	100%

Swash Mix	
	INHIBIT

ADJUST LIST

Switch	Dual Rate / Expo			Travel Adjust		Sub-Trim*	
	Pos.	D/R	Expo				
AILE	0	100%	INH	THRO	100%	THRO	0
	1	85%	INH	AILE	100%	AILE	0*
ELEV	0	100%	INH	ELEV	100%	ELEV	0*
	1	85%	INH	RUDD	100%	RUDD	0*
RUDD	0	100%	INH	GYRO	100%	GYRO	0
	1	85%	INH	PITC	100%	PITC	0

DX6/DX7s/DX8/DX9/DX18

SETUP LIST

Model Type	Reverse	Swash Type	Timer
HELI	THRO	N	Type: Down Time: 4:00 Switch: Trainer
	AILE	N	
	ELEV	N	
	RUDD	R	
	GYRO	N	
	PITC	N	

Gyro			
Pos.	Rate	SW-F. Mode	
0	54.0%	NORM	0
1	54.0%	STUNT	0

Throttle Curve					
	L	2	3	4	H
NORM	0%	30%	60%	60%	60%
STUNT 1	75%	75%	75%	75%	75%
STUNT 2	100%	100%	100%	100%	100%
HOLD	10%	10%	10%	10%	10%

ADJUST LIST

Switch	Dual Rate / Expo			Travel Adjust		Sub-Trim*	
	Pos.	D/R	Expo				
AILE	0	100%	INH	THRO	100%	THRO	0
	1	85%	INH	AILE	100%	AILE	0*
ELEV	0	100%	INH	ELEV	100%	ELEV	0*
	1	85%	INH	RUDD	100%	RUDD	0*
RUDD	0	100%	INH	GYRO	100%	GYRO	0
	1	85%	INH	PITC	100%	PITC	0

Pitch Curve					
	L	2	3	4	H
NORM	30%	40%	50%	75%	100%
STUNT	0%	25%	50%	75%	100%
HOLD	0%	25%	50%	75%	100%

Swash Mix	
	INHIBIT

* Never use sub-trims or trims on AILE, ELEV or RUDD channels with the AR7200BX.

Transmitter and Receiver Binding

Binding is the process of programming the receiver to recognize the GUID (Globally Unique Identifier) code of a single specific transmitter. You need to 'bind' your chosen Spektrum™ DSM2/DSMX technology equipped aircraft transmitter to the receiver for proper operation.

Binding Procedure

1. Program your transmitter using the Transmitter Setup found in this manual.
2. Insert the bind plug in the BND/DAT port on the receiver.
3. Connect the flight battery to the ESC. The H menu LED should be flashing, indicating the AR7200BX is in bind mode.
4. Move the throttle stick to the desired failsafe position (low throttle position in normal mode).
5. Follow the procedures of your specific transmitter to enter Bind Mode. The system will connect within a few seconds. Once connected, the H LED will turn off and the AR7200BX will start the initialization process.
6. When the initialization process is complete, the Status LED light will come ON solid BLUE.
7. Disconnect the flight battery and remove the bind plug from the AR7200BX. Store the bind plug in a convenient place.

NOTICE: Remove the bind plug to prevent the system from entering bind mode the next time the power is turned on.

If you encounter problems, obey binding instructions and refer to transmitter 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.

Compliance Information for the European Union

Declaration of Conformity

(in accordance with ISO/IEC 17050-1)

No. HH2014070202

Product(s): Blade 450 X BNF

Item Number(s): BLH4380A

Equipment class: 1

The object of declaration described above is in conformity with the requirements of the specifications listed below, following the provisions of the European R&TTE Directive 1999/5/EC, EMC Directive 2004/108/EC and LVD Directive 2006/95/EC:

EN 301 489-1 V1.9.2: 2012

EN 301 489-17 V2.1.1: 2009

EN60950-1:2006+A11:2009+A1:2010+A12: 2011

EN55022:2010 + AC:2011

EN55024:2010



Signed for and on behalf of:
Horizon Hobby, LLC.
Champaign, IL USA
July 2, 2014

Robert Peak
Chief Financial Officer
Horizon Hobby, LLC

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 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 where you purchased the product.