

# NOV

**HORIZON**  
H O B B Y



**HOT NEW  
RELEASES!**

The newest technologies plus the best RC products from your favourite brands

**INSIDE**

# HIGH-FLYING EXCITEMENT

The Horizon Airmee™ showcases the thrills and excitement of RC innovation. Inside, you'll find tons of cutting-edge, new-release products designed with that same excitement and innovation in mind.



# NOW

## Introducing NOW magazine

**W**elcome to the first European issue of NOW magazine. This is one of the most exciting times in the history of RC. Technologies like SAFE, AVC and FPV are helping us create thrilling new RC experiences that make it easier than ever to enjoy the hobby. With this publication, you won't miss any of them.

As with the U.S. edition of NOW, this one has been created to give you in-depth information about our newest products as well as the accessories, hop-up parts and spares to go with them. And it's all presented in a colourful, engaging format that you will enjoy going over again and again. We intend to publish four issues a year, with the next issue slated to arrive in November. There will be a third issue around the Nürnberg Toy Fair and a fourth that will be available May of 2015.

We are committed to providing you with the most informative and entertaining content available. Your feedback is vital to helping us fulfill that commitment. If you have any suggestions or ideas for making this publication better, please send them to NOW@horizonhobby.com. We would love to hear them.

Until next time,

Joe Ambrose

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# Contents



**38** HANGAR 9 SUPER CUB

**74** LOSI MINI 8IGHT-T

**40** E-FLITE

**76** SPEKTRUM

**48** PARKZONE SPORT CUB

**78** QUICK HITS

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# SAFE™

SENSOR ASSISTED FLIGHT ENVELOPE

## MAKING RC FLIGHT FUN FROM THE START

Flying RC models has always been fun. Learning to fly them, on the other hand, has not. Exclusive SAFE™ (Sensor Assisted Flight Envelope) technology from Horizon Hobby is changing all that by making RC flight just as fun for the beginner as it is the expert. How? Using a combination of sensors and flight control software, SAFE technology is able to make an RC aircraft aware of its attitude relative to the ground. This 'attitude awareness' makes it possible to program that aircraft with different levels of assistance pilots can choose from based on their level of experience and needs during the flight.





# LEARN WITH THE LEGEND





## SAFE technology delivers the first ever teach-yourself-to-fly warbird

With SAFE technology, the Hobbyzone® Corsair S can be a first airplane for that pilot who has a passion for warbirds and wants to teach themselves how to fly. Different from any other fighter aircraft in WWII, the Corsair was respected by both its friends and enemies because of its ferocious firepower and impressive versatility. Today, the Hobbyzone F4U Corsair S honours this fighter's legacy of innovation with a thrilling model that incorporates Horizon Hobby's revolutionary SAFE™ technology and a powerful 480-size brushless outrunner motor. For the first time, you will be able to teach yourself to fly with a legendary warbird.

hobbyzone®



## Advanced electronics make RC flight simple

With the F4U Corsair S, new pilots will learn the basics of four-channel flight with precise control over throttle, rudder, elevator and aileron. Pilots can fly with confidence knowing that the virtual safety net of Panic Recovery mode is available any time and just a button push away. Plus, SAFE technology provides multiple levels of bank and pitch limitations that can be reduced or removed so any pilot can teach themselves to fly with ease.



### Beginner mode

Pitch and roll angle limits combine with electronic self-leveling to help you keep the F4U Corsair S airborne.



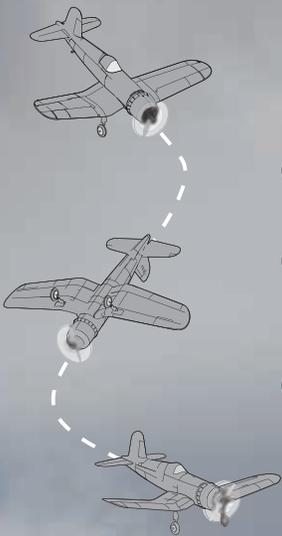
### Intermediate mode

Pitch and roll angle allowances are expanded for a larger flight envelope that protects the pilot from entering extreme flight conditions.



### Experienced mode

Pitch and roll limits are removed so you can experience natural AS3X™ technology-assisted flight for smooth handling and outstanding precision.



## Recovery at the push of a button

- 1 Pilot loses control of the aircraft in any flight mode.
- 2 Pilot pushes the panic recovery button. The aircraft will return to level flight...
- 3 ...once the aircraft is flying straight and level, the pilot returns all other controls to their neutral position and continues a gentle climb to a safe altitude.



## ADD-ONS

### Fly more

The included E-flite EFLB18003S30 rechargeable 1800mAh 3S 11.1V Li-Po battery has a high-power discharge rating and is capable of delivering 5-9 minute flight times.

### Fly, even when the weather stinks

Phoenix R/C 5 Flight Simulator is the perfect flying time solution when Mother Nature has other plans. There are 200+ aircraft included, no expansion packs to buy and it's the only sim with authentic simulations of Horizon Hobby RC aircraft, including the innovations they feature such as AS3X™ and SAFE™ technology. Online there are other aircraft to download, like the Hobbyzone F4U Corsair S, all available for FREE. Choose the Phoenix version with the working Spektrum™ DX6i transmitter (RTM50R6630) and upgrade the Corsair S experience.



## Hobbyzone® F4U Corsair S

RTF HBZ8200 / BNF HBZ8280



### QUICK LOOK 🔍

#### Why it's Great

The Hobbyzone F4U is a brilliant leap in trainer technology because it offers the new RC pilot the airplane they've always wanted to fly as the first model they need to learn with.

#### Who Will Love It

New pilots with zero experience who would prefer a warbird over traditional trainers. The BNF version is ideal for intermediate pilots who already own a great DSM2™/DSMX® compatible transmitter.

#### Key Product Features

- ▶ **SAFE technology** helps keep the pilot in control at all times and if the pilot loses control, they can prevent a crash with the push of a button.
- ▶ **The Vought F4U Corsair** is one of the most identifiable and popular warbirds throughout the history of aviation
- ▶ **With the RTF**, everything a new pilot needs to teach themselves to fly is in one box, even the batteries for the transmitter.



# SAFE™

## Get more “oh yeah!”

SAFE™ technology makes RC flying more fun

Horizon Hobby aircraft engineered with exclusive SAFE technology deliver an RC experience that takes the fear out of flying. Not only does its multi-axis sensors and exclusive software create flight performance that is significantly smoother, at its heart is an attitude awareness capability that makes breakthrough flight and recovery protection possible. As a result, the fun of flying comes through.

SAFE technology touches aircraft of all types:



### Blade® 200 QX

(BNF) BLH7780



### Blade® 200 SRX

(RTF) BLH2000 / (BNF) BLH2080



### Hobbyzone® Super Cub S

(RTF) HBZ8100 / (BNF) HBZ8180



### Parkzone® Sukhoi SU-29MM

(BNF BASIC) PKZ8050

To see the entire list of airplanes, helicopters and multirotors equipped with SAFE technology come and visit us at [horizonhobby.co.uk](http://horizonhobby.co.uk)

# Panic-free 3D

## SAFE™ technology meets 3D performance

The Parkzone® Sukhoi SU-29MM is a breed apart from other aerobatic park flyers. That's because its included Spektrum™ AR636 receiver has been exclusively tuned with SAFE™ (Sensor Assisted Flight Envelope) technology. SAFE in the Sukhoi makes it easy for experienced pilots to perform 3D moves with more confidence. Like having the right tool for the job, four specially designed flight modes have been created so pilots can explore aggressive aerobatics and choose the assistance level instantly to meet the needs of the manoeuvre. Best of all, we didn't forget the renowned "Recovery" feature that quickly returns the model to level flight at the press of a button. When you combine everything SAFE technology offers with the rigid, lightweight construction, a high-output brushless power system and ingenious aerodynamics, the result is an aerobatic experience no other in its class can match.



### Vortex generators

Vortex generators on the leading edges of the wings give more aileron control and improved stability when flying at slow speeds and high angles of attack.



### Digital precision

Each control surface features double-bevel hinging and is linked to a dedicated E-flite® 13 g digital micro servo. With metal gears that add an extra level of durability, the speed and power of the servo helps to make pilot input feel crisp.



## ADD-ONS



### The energy behind the muscle

To experience every bit of performance the SU-29MM has to offer, a high-power E-flite® EFLB22003S30 2200mAh 3S 11.1V 30C Li-Po battery is essential. It already comes equipped with the easy-to-grip EC3™ connector so that it's compatible with the 40-amp ESC provided with the airplane.



### Fly again faster

High-power batteries like the one recommended for this airplane can be ready to use again 20-minutes later when recharged with the Dynamite® DYNC2015 Prophet™ Precept™ 80W LCD AC/DC battery charger. It's output capability, when combined with the battery's ability to charge at a fast 3C rate, makes down-time between flights next to nothing.





## SAFE technology for advanced aerobatics

SAFE technology actually makes the Sukhoi SU-29MM 'aware' of its attitude relative to the ground. This attitude awareness has been used to create four flight modes that let experienced RC pilots explore aggressive aerobatics with more confidence and less risk.

### Stagility™ mode

The airplane can perform any aerobatic or 3D manoeuvre but will immediately return to upright flight if both sticks are released.

### AS3X™ 3D mode

Provides a marvelous balance of crisp response and rock-solid stability when practicing low-speed 3D manoeuvres like hovers and harriers.

### AS3X precision mode

When flying precision aerobatics at high speed, this mode smooths out the effects of turbulence so the aircraft tracks like it's on rails.

### Panic recovery mode

Immediately returns the aircraft to upright flight with the push of a button. It can be activated at any time, in any flight mode.

## QUICK LOOK

### Why It's Great

The combination of a highly capable airframe, SAFE technology and a compact form factor make this the perfect airplane to push the limits in the convenience of a local park.

### Who Will Love It

Pilots of any skillset who would like a park-flyer size model that offers uncompromised performance ability and the latest in stability and recovery technology.

### Key Product Features

- ▶ **SAFE technology** provides attitude awareness and the ability to create specific flight modes experienced pilots can use to push their skill level into new territory
- ▶ **Based on the popular scale design** with a proven track record of excellent 3D performance, the SU-29mm has been sized just right for park-size flying areas
- ▶ **Delivers an outstanding power-to-weight ratio** that provides ample control authority for even the most extreme 3D manoeuvres

## Parkzone® Sukhoi SU-29MM BNF Basic

ITEM #: PKZ8050

COMPARE TO: E-flite Carbon-Z® Yak 54 BNF, Parkzone VisionAire™ BNF, Parkzone Extra 300 BNF



# THE FEAR IS **GONE!**

## Horizon Hobby conquers the biggest barrier facing new pilots

If you think learning to fly is hard, you haven't tried aircraft with SAFE™ technology. With its flight envelope protection and versatile functionality, new pilots are finding radio control easier than they'd ever imagined. It's one more way Horizon Hobby innovation eliminates the fear in new pilots every day. Now with even more SAFE™ aircraft available, everyone can succeed at the hobby we've enjoyed for decades.



### OH YEAH!

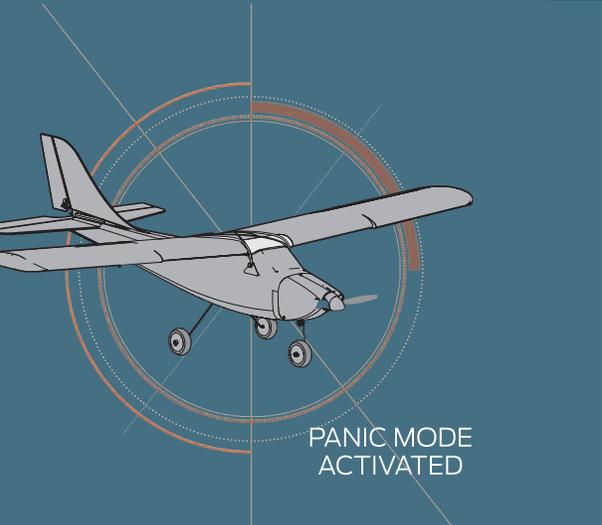
If you lose control of the airplane, "Panic Mode" returns the aircraft to stable, level flight with the push of a button!

Intuitive SAFE™ technology provides three more modes to give new pilots the ultimate progressive learning experience. Beginner and Intermediate modes provide support for new pilots by limiting the roll and pitch of the airplane, keeping you in control at all times. Experienced Mode allows pilots who have mastered the basics to explore the incredible performance of the Delta Ray aircraft supported by the revolutionary AS3X™ gyro stabilisation system.

## Hobbyzone® Delta Ray™

RTF: HBZ7900  
BNF: HBZ7980

The Delta Ray™ with SAFE technology provides an unprecedented flying experience for novice pilots. The carefully engineered design of the Delta Ray enables slow flight with enough power to handle even moderate winds. SAFE technology system enables the Delta Ray to fly with bank, angle of descent and climb limitations. The multiple flight modes and “panic” feature provided by SAFE technology enable new pilots to gradually develop their skills well beyond the basics with minimal risk to their aircraft.



PANIC MODE  
ACTIVATED



## OTHER SAFE TECHNOLOGY EQUIPPED AIRCRAFT



### Hobbyzone® Super Cub S

RTF HBZ8100 / BNF HBZ8180



### Hobbyzone® Sport Cub S

BNF HBZ4480



### E-flite Apprentice™ S 15e

RTF EFL3100

# **THE FIRST**

SINGLE-ROTOR, FIXED-PITCH  
HELI WITH SAFE™ TECHNOLOGY



# BLADE 200 SR X

RTF BLH2000 / BNF BLH2080

The 200 SR X RTF is the first Blade® Heli to utilise SAFE™ technology to deliver unrivaled stability that's ideal for the intermediate pilot. By taking advantage of simple mechanics, SAFE technology brings a whole new meaning to fixed-pitch helicopter performance that's perfect for outdoor environments. The panic button enabled by SAFE technology provides a virtual safety net that no other single-rotor helicopter can offer and instant flight recovery that helps build confidence. The fully brushless power system offers reliability that's second to none and its durable platform is highlighted by sleek styling, making the 200 SR X a helicopter that can help make better pilots from the start.

# BLADE



## THE SAFE TECHNOLOGY QUADCOPTER LINEUP

### Blade Nano QX

RTF BLH7600 / BNF BLH7680



### Blade 180 QX

RTF BLH7400 / BNF BLH7480 -  
NEW PART NUMBERS AVAILABLE;

RTF - BLH7400A  
BNF - BLH7480A  
BNF NO CAMERA - BLH7485



### Blade 200 QX

BNF BLH7780



### Blade 350 QX

RTF BLH7800 / BNF BLH7880



# BLADE<sup>®</sup>

There's flying with an RC heli and then there's flying with a **Blade heli**. And whether you're a first-timer or an advanced helicopter pilot, there's a Blade heli for you. From the beginner-friendly Scout CX™ heli to the advanced Blade 700 X Pro Series kit, all are designed by expert RC heli pilots who know what it takes to deliver the best flying experience possible, whatever your experience level might be. Plus, the Blade brand is always pushing the limits with innovations like Bind-N-Fly® ultra micro helis you can fly with any Spektrum™ DSM2/DSMX® aircraft transmitter to ready-to-fly helis capable of unlimited 3D right out of the box.

## #1 BY DESIGN





# BEGINNER SERIES COAXIAL HELICOPTERS

Blade beginner coaxial helis are so stable and easy to fly that a total newbie can hover like a pro on the very first flight. All are available at the Ready-to-Fly level with everything needed to get started all in one box.

## Coaxial snapshot

- » Loves video games, but wants something real
- » A self-starter with no background in radio control
- » Needs a thrill that's convenient enough to enjoy at home
- » Wants an exciting diversion during coffee breaks

**Scout CX™**  
RTF • BLH2700

## Real RC heli fun for less

At just 17 grams, the Scout CX is the smallest, most affordable beginner Blade heli available. But don't let its tiny size or price fool you. Advanced Blade engineering, fully-proportional 2.4GHz control and heading hold gyro will allow them to fly circles around other 3-channel helis like it.





## Frequent fliers

Thousands have taken their first RC heli flight at the controls of an ultra-micro Blade mCX or mCX2 helicopter. Both weigh no more than an ounce and are small enough to be flown just about anywhere indoors.



**mCX**  
RTF • EFLH2200



**mCX2**  
LED NAV lights installed  
RTF/BNF • EFLH2400/EFLH2480

## The classic beginner heli

The larger Blade CX2 helicopter is one of the most popular RC helis of all time. It has a host of custom parts to choose from too.



**CX2**  
RTF • EFLH1250

# INTERMEDIATE SERIES

## Stepping Up Made Simple

If you feel comfortable flying coaxial helis and eager to take the next step, these fixed-pitch blade helis are the answer. The marvelous blend of agility and stability they offer you gain skill without ever feeling like you're in over your head.

## Intermediate snapshot

- » Experienced coaxial and/or multi-rotor heli pilot
- » Needs a more agile indoor heli experience
- » Wants to enjoy the great outdoors in a new way
- » Looking to expand skills, but not ready for collective-pitch agility

## 200 SR X

RTF/BNF • BLH2000/BLH2080

## Next Step Heli Success

Advancing from an intermediate heli to an advanced flybarless heli has never been more seamless. With the 200 SR X, SAFE™ technology helps facilitate the learning process with beginner, intermediate and experienced flight mode options. Each flight mode utilises varying amounts of bank limiting and advanced stability characteristics to assist the pilot as needed. Additionally, SAFE technology offers a panic button that will return the 200 SR X to steady flight with the push of a button.



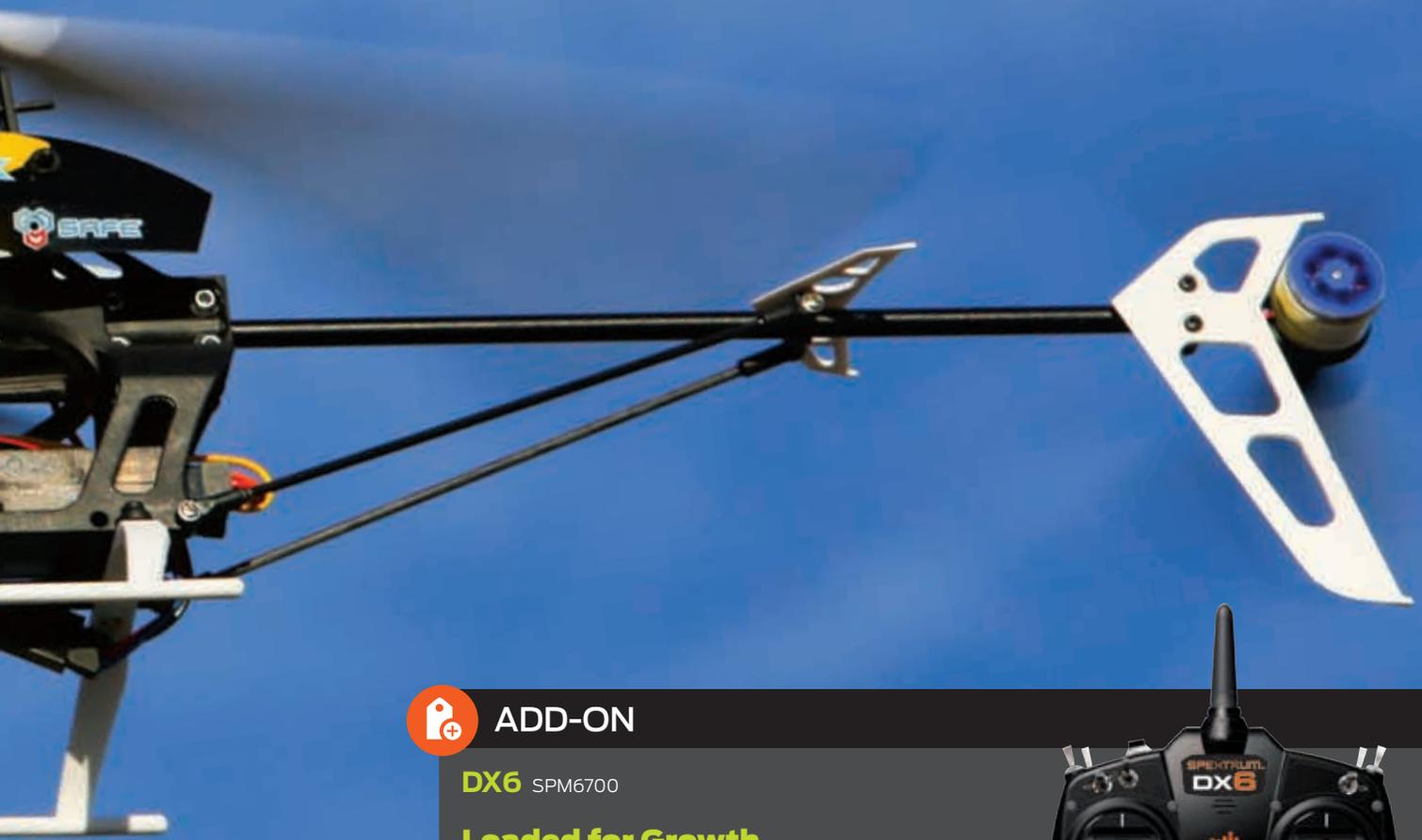
## mSR

RTF • BLH3000



## 120 SR

RTF/BNF • BLH3100/BLH3180



## ADD-ON

**DX6** SPM6700

### Loaded for Growth

The Spektrum™ DX6 has been designed from the ground up to deliver a 6-channel transmitter for the long haul. Intuitive programming makes it easy to use and the ideal transmitter for pilots building a BNF fleet. Its included AR610 receiver (**SPMAR610**) combines the speed and precision of DSMX® control with the signal security of an active amplified antenna.



## ADD-ON



*\*prototype shown*

### HD Imaging

The optional new EFLA801 E-flite EFC-721 is an outstanding camera for the 200 QX that offers true 720p (1280x720) image resolution and the capability of shooting still shots or video through the transmitter.



*\*prototype shown*

**200 QX**  
BNF • BLH7780

### The Ultimate Sport-Quad

The 200 QX is the perfect blend of brushless power and functionality, making it one of the most fun-to-fly products we've designed to date.

# ADVANCED SERIES

## Collective-Pitch Magic

Those pilots who have mastered fixed-pitch helis are eager to stretch their abilities and a collective-pitch machine is their answer. An experienced heli pilot that simply wants economical aerobatic fun is going to love them too. They come out of the box all setup and ready to go with state-of-the-art engineering and electronics to deliver the reliability they need and agility of their dreams.

## Advanced snapshot

- » Is able to hover a fixed-pitch helicopter in any direction
- » Wants the most performance in the smallest possible package
- » Needs to get flying right away using their own transmitter
- » Ready to learn inverted flight and 3D aerobatics

## 300 CFX

BNF Basic · BLH4650

## One Step Beyond

This Blade® 300 CFX is more than a mere upgrade of the popular 300 X. Besides the addition of carbon fibre and aluminium parts, it has been equipped with the same groundbreaking servo geometry used on the Blade 700 X Pro Series helicopter. Because mechanical inefficiency is virtually eliminated, the result is flawless cyclic and collective response that feels almost telekinetic.



**mCP X BL**  
BNF · BLH3980



**Nano CP X**  
RTF/BNF · BLH3300/BLH3380

**X MARKS THE SPOT:** Have you ever wondered why Blade uses the letter "X" in the product names so often? The X symbolises the multi-axis electronics used to make flybarless simplicity possible. The result is a fun helicopter experience that makes pilots want to fly more often which helps them build skills naturally and more quickly.



**450 X**  
BNF · BLH4380



## HOP-UPS

### Bling it Out

Custom options and hop-up parts are available for every advanced level Blade helicopter so you can cut through the air any way you like. Here are just a few of our favorites:

DESCRIPTION	ITEM#
Brushless Motor Upgrade: Nano CP X	BLH3325
Main Rotor Blade Set, Orange: Nano CP X	BLH3310OR
White Landing Gear: mCP X BL	BLH3905W
Aluminium Swashplate: mCP X BL	BLH3914A
Aluminium Main Rotor Grips with Bearings: 130 X	BLH3714A
FAI Body, Red/Black/Yellow: Blade 130 X	BLH3739
Fibreglass Canopy, Silver/Green: Blade 450	BLH4381B
Aluminium Tail Case Set: B450	BLH1663A
Aluminium Servo Control Arms: B500 3D/X	BLH1874A
Tail Boom, Carbon Fibre: B500 3D/X	BLH1857C



**130 X**  
BNF · BLH3780

### The Expert Touch

There's no need to give up the convenience and quality of a flight-ready Blade helicopter just because you're ready for a thoroughbred 3D machine. Blade advanced level BNF helis are engineered and equipped to fly aggressive 3D aerobatics with absolute precision and power to spare. Each one comes fully assembled with BeastX™ or AS3X™ flybarless technology, a high-output brushless power system and a DSM2™/DSMX® receiver.



**500 X**  
BNF · BLH4080

# PRO SERIES

## Unlimited Performance

The Blade line of helicopters are the perfect place to start the RC heli journey as well as the place to stay as the journey progresses. If you have mastered 3D flight, then why not step up to a machine that gives you 100% of the control. Every part of a Pro. Series heli kit has been chosen or designed with one thing in mind – giving pro-class pilots a heli that's capable of effortless 3D and can go toe-to-toe against anything flown in competition.

## Pro snapshot

- » An experienced helicopter pilot comfortable with forward flight
- » A serious electric power enthusiast
- » Has a compliment of metric tools and appreciates high-quality engineering
- » Attends RC events and would like to spend more time flying than fixing

## 700 X

Pro Series Kit • BLH5725

Pro Series Combo • BLH5725C

Pro Series Kit w/ Castle Edge 120HV ESC • BLH5725CSE

Pro Series Combo w/ Castle Edge 120HV ESC (BLH5725CCSE)

## Engineered to Dominate

The Blade 700 X is a competition-level, 700-class machine where awesome power meets flawless response. Redefining the standards of class performance, the innovative 700 X design features a unique servo mounting geometry that eliminates mechanical inefficiency between the cyclic servos and the swashplate. The result delivers cyclic and collective control that's state-of-the-art.

## True 550 Performance

Unlike some 550 helis that promise 550-class performance but ultimately fall short, the Pro Series 550 X has been designed from the ground up to give no-compromise heli pilots everything they demand and more than they'd expect.

## 550 X

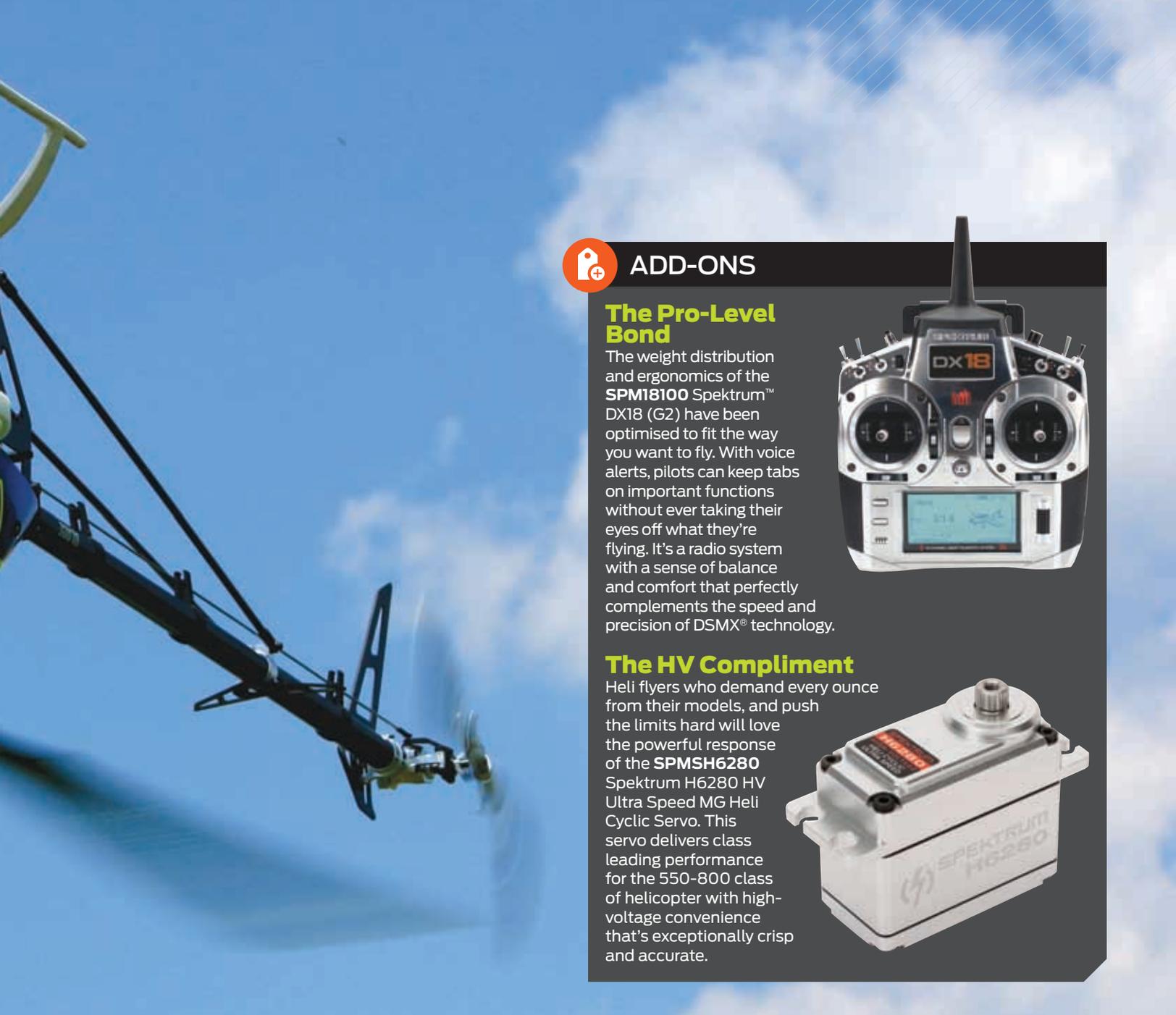
Pro Series Kit • BLH5595

Pro Series Kit w/ Castle Edge 120HV ESC • BLH5525CSE

Pro Series Combo without ESC • BLH5595C

Pro Series Combo w/ Castle Edge 120HV ESC • BLH5525CCSE





## ADD-ONS

### The Pro-Level Bond

The weight distribution and ergonomics of the **SPM18100** Spektrum™ DX18 (G2) have been optimised to fit the way you want to fly. With voice alerts, pilots can keep tabs on important functions without ever taking their eyes off what they're flying. It's a radio system with a sense of balance and comfort that perfectly complements the speed and precision of DSMX® technology.



### The HV Compliment

Heli flyers who demand every ounce from their models, and push the limits hard will love the powerful response of the **SPMSH6280** Spektrum H6280 HV Ultra Speed MG Heli Cyclic Servo. This servo delivers class leading performance for the 550-800 class of helicopter with high-voltage convenience that's exceptionally crisp and accurate.



### Shatter the Limits

Feel like what you're flying is keeping you from realising your full potential as a 3D master? Shatter those limits with the explosive power and performance of the Blade 600 X.

#### 600 X

Pro Series Kit • BLH5625

600 X Pro Series Kit w/ Castle Edge 80HV ESC • BLH5625CSE

Pro Series Combo • BLH5625C

Pro Series Combo w/ Castle Edge 80HV ESC • BLH5625CCSE

(Helis that have a Castle ESC are not sold in the UK)

## QUICK LOOK 🔍

## Why It's Great

The new 450 X delivers a modern 3D capable machine right out of the box. With new metal-gear servos, a helical main gear drive and vivid canopy, the 450 X continues the tradition of being a potent mini-heli with the greatest value.

## Who Will Love It

The convenience minded pilot looking for an all-in-one 450-size helicopter. This pilot will appreciate price, performance and that everything can be set up right out of the box without having to build, tinker or do any kind of setup.

## Key Product Features

- ▶ **The two-in-one** Spektrum AR7200BX flybarless control system features BeastX 3-axis technology that's been programmed at the factory to work with the included DX6i transmitter.
- ▶ **The new** helical main gear and motor pinion complete a potent power system that's quieter.
- ▶ **New Spektrum digital metal-gear cyclic servos** and tail servo deliver high-speed precision control with an increased level of durability.

# PLUG IT IN, RING IT OUT

The build-free, setup-free, 450-class 3D heli

From the #1 name in RTF helis comes the RTF version of the Blade® 450 X. It is the perfect helicopter for experienced heli pilots who want a great flybarless helicopter that's 3D ready right out of the box. Unlike other heli brands, the Blade heli

## BLADE

development team has decades of combined RC experience designing or flying everything from ultra micros to pro-class 3D machines. If anyone knows what awesome performance looks and feels like, they do. Not only does it come packed with great features such as the lightest airframe in its class plus a rigid head design, it now includes all-new upgrades that address popular feedback by customers who enjoyed the groundbreaking 450 X in original BNF form. The Spektrum DX6i transmitter included comes already bound to the helicopter so all the experienced pilot has to do is plug in a charged battery and wring it out!

**EASY UPDATE:** Pilots can update the original 450 X by ordering the replacement Spektrum servos, a new 10T helical pinion (BLH1902), an updated 440H motor (EFLM1360H) that has a full-length 3mm shaft and the 135T helical main gear (BLH1901).



## Blade® 450 X

ITEM#  
RTF BLH1900  
BNF BLH4380A



### Upgraded BNF

For advanced pilot who already has a favourite 6-channel DSMX compatible transmitter, they'll appreciate that BLH4380A 450 X BNF is available with the new metal gear servos and helical gear main gear drive installed.

### ADD-ON ✓

#### Snug as a Bug in a Custom Case

Transport the Blade 450 X safely, securely and in style with this heavy-duty aluminium case BLH1699. It's been designed to perfectly house the Blade 450 X along with the DX6i radio, battery and charger. In addition to the protection this case offers, the included keys and lockable design provide a higher level of security while in storage.



### DX6i Authority

The included 6-channel Spektrum™ DX6i 2.4GHz DSMX® transmitter comes pre-programmed so the pilot can get aggressive right out of the box. It's a great radio with easy-to-use programming features, room for 10 airplanes or helicopters, a 5-point graphic throttle curve and pitch curves, gyro adjust, plus adjustable dual rates and exponential. It also gives the user the authority to access the long list of every Bind-N-Fly® aircraft offered through the Horizon Hobby brands.



### Flybarless Made Simple

At the core of this heli's awesome performance is the Spektrum™ SPMAR7200BX Flybarless Control System; a remarkable system that combines a 7-channel DSMX® receiver with BeastX™ 3-axis MEMS stabilisation into a single, lightweight unit. Although it's already setup, it is easy to custom tune at the field without the need for a PC link.



### Durable Servos

The specially made Spektrum digital, metal gear servos for the cyclic (SPMH3050) and tail rotor control (SPMH3060) are designed to deliver maximum power, high speed and precision for extreme 3D heli performance plus a high level of durability.

# Irresistibly Wicked!

## QUICK LOOK

### Why It's Great

Using the industrial design of the 350 QX and a power system that is extremely capable, the 200 QX is the ultimate sport quad. Not only can you experience high-energy aerobatics, but the extra power on board allows for optional camera or FPV systems.

### Who Will Love It

Anyone looking to upgrade from their Nano QX, 180 QX HD or someone wanting an extremely powerful, yet stable quadcopter to improve their piloting skills.

### Key Product Features

- ▶ **SAFE™ technology** equipped to provide three specifically tuned flight modes so the user can feel at ease, regardless of skill level
- ▶ **Four brushless motors** for high-performance lifting and aerobatics that no other quad in its class can match
- ▶ **Optional payload capability** allows the user to mount a lightweight HD camera or FPV system between the high-profile landing gear

## This bright little brother to the 350 QX is the ultimate sport quad

The 200 QX is the perfect blend of power and functionality, making it one of the most fun-to-fly products we've designed to date. The 200 QX is the little brother of the 350 QX and was designed with power in mind so it can not only carry a payload, you will have a blast with aerobatics too. Everything from the translucent body with internal lighting to the incredible performance its brushless motors provide, the 200 QX is sure to please every pilot who gets his or her hands on it.

## Blade® 200 QX BNF

ITEM# BLH7780

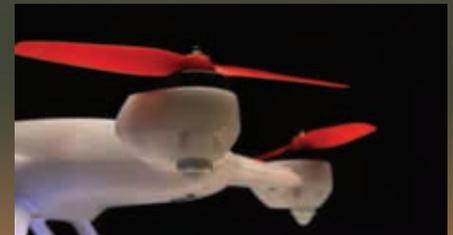
**COMPARE TO:** Blade Nano QX BNF, Blade 180 QX HD BNF, Blade 350 QX BNF, Walkera Dragonfly Hoten-X.

**BLADE**  
#1 BY DESIGN



### Translucent Airframe

The two-piece durable body is constructed with translucent materials, making status LEDs easier to see, particularly when flying at dusk or in dark conditions.



### Brushless Power

The specially built, high-frequency brushless motors deliver the power to not only climb quickly, but also help it perform flips and rolls in a tighter area. The extra power also increases the payload-carrying capacity so pilots can explore aerial photography and FPV systems.

**BRILLIANTLY FUNCTIONAL:** Compared to other quadcopters in the same size class, the Blade 200 QX uses a fully enclosed frame design that's just as cool looking as it is functional at protecting sophisticated electronics. When the LED lights were installed in the frame of the all-white prototype, the effect was so brilliant we decided to go with a translucent material instead to make this little hotrod blaze through the sky in a way nothing else out there does.



# ADD-ONS

### Spektrum DX9

The SPMR9900 Spektrum™ DX9 is the perfect radio for quadcopter enthusiasts. Users can customise the home screen and easily select from the wide range of switches, sliders, a button or knob to create a level of functionality that's personal. Not to mention the programmable voice alerts can help them keep their eyes on the sky where they belong.



*\*prototype shown*

### HD Imaging

The optional new EFLA801 E-flite EFC-721 is an outstanding camera for the 200 QX that offers true 720p (1280x720) image resolution and the capability of shooting still shots or video through the transmitter.

### E-flite battery

The included EFLB8002SJ E-flite 800mAh 2S 7.4V 20C LiPo 20AWG JST pack helps the brushless system of the 200 QX develop its surprising power.



*\*prototype shown*



## Revolutionary SAFE™ technology puts rock-solid control at your fingertips



### Camera Mode:

Limited envelope with low-angle flight, slowed self-leveling and delayed control input for optimal camera footage.



### Stability Mode:

Limited envelope with 45 degree angle flight and self-leveling so you can get familiar to the feel of the controls easily.



### Agility Mode:

Full flight envelope for aerobatic manoeuvres so you can take full advantage of the brushless power available.





# BEGINNER SERIES

## MULTI-ROTOR HELICOPTERS

Blade® multi-rotor helis are engineered with the innovation of SAFE™ technology. With SAFE, you get precision stability and multiple flight mode options that are especially useful for aerial video capture and learning to fly. Each quadcopter has been developed by experts in heli excitement, insuring that each and every flight will be as exciting as the last. Fly a Blade multi-rotor helicopter today and advance your flight skills with SAFE technology.

### Multi-rotor snapshot

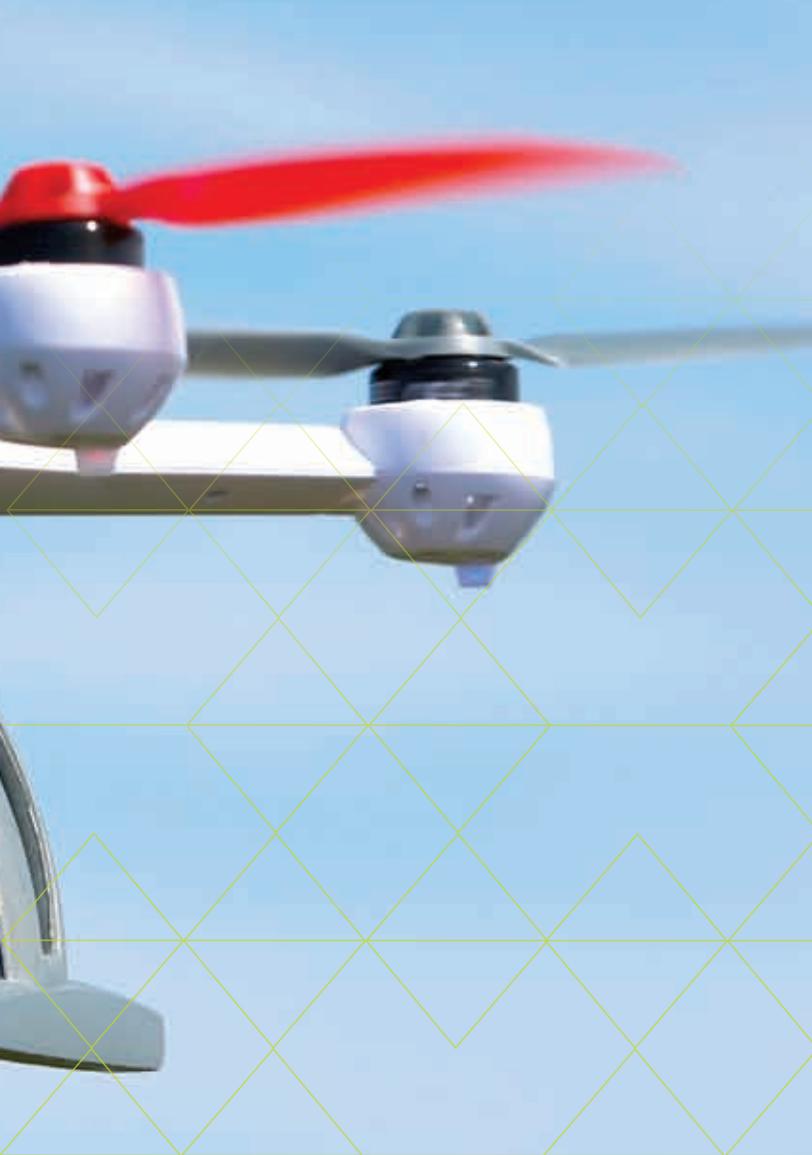
- » Curious about “quads” and wants to get involved
- » Needs an easy way to learn how to fly helicopters
- » Wants a change from virtual games to something more real
- » Has a photography interest and wants to gain a new perspective

### 350 QX

RTF/BNF • BLH7800/BLH7880

With the ability to carry a GoPro®\* camera and the inclusion of SAFE™ technology, the 350 QX is an aerial video platform that rivals every aerial video platform on the market. The engineers at Horizon Hobby worked tirelessly to make the 350 QX easily accessible and appealing to a wide range of pilots, hobbyists and newcomers alike. The result is a feature-rich quadcopter that makes getting one-of-a-kind imagery fun.

\*GoPro® Camera not included



## With SAFE™ technology, anyone can fly!

Revolutionary SAFE (Sensor Assisted Flight Envelope) technology uses a combination of multi-axis sensors and software



to allow an RC aircraft to know its flight attitude relative to the horizon. This spatial awareness is used to create a controlled flight envelope for the aircraft so that it can maintain a safe region of bank and pitch angles within different flight modes. This allows pilots to develop their skills with a greater degree of security and a sense of control that makes learning to fly easier and more fun.

### SAFE technology delivers:

- » Flight envelope protection you can enable at the press of a button
- » In-flight stabilisation that battles windy conditions for you
- » Multiple modes that let you adapt SAFE technology to your skill level
- » Best of all, SAFE technology doesn't require any work to enjoy. Every aircraft equipped with this amazing advance has had its SAFE technology settings optimised at the factory for the best flight experience possible.



### Nano QX

RTF/BNF • BLH7600/ BLH7680

Ideal for beginner and advanced pilots alike, the tiny Blade Nano QX utilises SAFE technology to deliver two distinct flying modes. Potent brushed motors and a weight under 19 grams enable the Nano QX to reach dynamic speeds and execute fluid manoeuvres in tight indoor spaces and in calm outdoor conditions.



### 180 QX HD

RTF/BNF • BLH7400/BLH7480

This is the affordable aerial video platform you have been clamoring for. With SAFE technology onboard, nearly anyone can learn to fly the 180 QX HD with little to no practice. The included EFC™-720 camera is easy to operate and can record video or take photos on the fly and store them on the included 2GB Micro SD storage card.



### 350 QX2 AP COMBO

RTF • BLH7900

The 350 QX2 AP Combo can capture incredible aerial footage without any of the hassle of buying several components. No RC flight experience is necessary. The RTF package includes a 2-axis brushless camera gimbal, 1080/30 camera with 5.8 GHz downlink plus pro-level features like GPS and altitude hold capabilities.



# Ready. Steady. Action!

## The most complete aerial photography platform with the Blade advantage

Following our passion for innovating convenient ways to fly, we have taken the successful Blade® 350 QX quadcopter to the next level. The Blade 350 QX2 AP Combo RTF is the next generation of multirotor convenience — it offers everything you need to get into AP (aerial photography) with a solid platform, smooth video footage and Android/iOS support. The 350 QX2 AP Combo can capture incredible aerial footage without any of the hassles of buying several components and is backed by the best support in the industry should you ever need it. Plus, with Horizon Hobby developed SAFE™ technology onboard, even new users will be able to quickly become confident RC pilots.

## Upgrades the AP user will appreciate

- » Included GB200 brushless gimbal and C-G01 camera
- » New RF chipset with external antenna
- » Improved GPS performance and accuracy
- » Visual compass error detection to alert the user for calibration
- » Simplified transmitter solution that's easier to use
- » AC/DC charging solution included



**Blade® 350 QX2 AP  
Combo RTF**

ITEM#  
BLH7900

**“The Blade 350 QX2 AP Combo provides you with the #1 supported ready-to-fly camera platform.”**

—STEVE PETROTTO, BRAND MANAGER



# The total package

## E-flite® C-GO1™ HD Camera EFLA900

Introducing the perfect action camera for your RC needs! Whether you are looking for a lightweight FPV camera with streaming capabilities that won't interfere with your 2.4GHz radio or just looking for a high-quality action camera, the EFLA900 E-flite C-GO1 is destined to be the #1 choice of modellers everywhere because it offers great features such as:

- » 5.8GHz downlink to support mobile devices when used with the included antenna
- » 1080P/30 recording or 720P/30 when streaming
- » Lightweight and small form factor
- » Low latency and long range Wi-Fi



**INCLUDED  
WITH  
PURCHASE!**

## New Spektrum DX4 Radio

The simple-to-use radio included with the 350 QX2 AP offers industry-leading 2.4GHz DSMX® technology and makes operation and start up simple. There are no trims to bump or reverse switches to worry about, making it user friendly, yet it still delivers high-end features such as:

- » Return Home Switch
- » F-Mode Switch
- » Throttle Cut

**SPEKTRUM**  
Innovative Spread Spectrum Technology

## QUICK LOOK

### Why It's Great

The Blade 350 QX2 AP Combo offers more features with industry-leading standards and includes quality aerial photography-specific accessories for a ready-to-fly price that's well below the competition.

### Who Will Love It

Aerial photography enthusiasts, non-hobby consumers, existing multi-rotor enthusiasts.

### Key Product Features

- ▶ **Based on a proven quadcopter design** that features improved GPS, compass and RF performance, plus visual compass error detection that makes aerial photography easier
- ▶ **Blade GB200 brushless gimbal** that provides 2-axis stability for crisp still photography and rock-steady video imagery
- ▶ **E-flite® C-GO1™ 1080P/30 HD camera** that features 5.8GHz, Wi-Fi video down link device compatibility
- ▶ **Large 3S, 11.1V 3000mAh Li-Po flight battery** provides longer flight times



### AC/DC Charging

Now charge your battery anywhere with the included AC/DC charging solution.



### Longer Flight Time

The new battery compartment allows for a larger E-flite 3S 3000mAh battery, giving the 350 QX2 AP Combo the ability to provide longer flight times.



### Error Detection

Compass error detection alerts the user if a calibration is necessary. This capability will ensure that the 350 QX2 AP can provide in-air positioning as accurately as possible.



### Standing Proud

The included landing gear is strong and provides a tall stance that protects the brushless gimbal so it can operate smoothly.



BLH7910

### GB200 Brushless Gimbal

The Blade GB200 brushless gimbal provides 2-axis stability for crisp still photography and rock-steady video imagery. Fixed programming can be easily set before launch. With the addition of a second Spektrum transmitter, gimbal pitch position can be remotely controlled by a camera man.

## The Only Aerial Photography Platform with SAFE™ technology

Get in there and get it done! Revolutionary SAFE technology is a radio control system that puts innovative and easy-to-use control options at your fingertips such as:



#### Smart Mode:

SAFE Circle™ feature, GPS/Altitude Hold, and Stick Relativity to help you feel as comfortable at the controls as possible.



**AP Mode:** Provides a limited flight envelope and self-leveling with GPS and Altitude Hold, plus control-input dampening so video quality is as professional as possible.



#### Stability Mode:

Limited flight envelope with self-leveling and GPS hold allows the pilot to cruise smoothly and manoeuvre into position.



#### Return Home and Land:

At the flip of a transmitter switch the 350 QX2 AP will return and land itself at the home position so landing is as stress-free as possible.



# A *clear* cut above

Now with a full HD camera, this quad is an even better aerial video training platform

## Blade® 180 QX HD Quadcopter

ITEM#  
BLH7400A RTF  
BLH7480A BNF

## Blade 180 QX w/o camera

ITEM#  
BLH7485 BNF

The difference was so great, we couldn't wait to make the upgrade. The Blade® 180 QX HD makes entering the world of aerial photography and video easy. Now that it includes an improved E-Flite® HD camera, taking still images and recording video from a transmitter is a seamless process. Available in Bind-N-Fly® and Ready-To Fly completion levels, beginners and current RC fans who want to know more about the immensely popular hobby of aerial photography can get up to speed easily and with minimal investment.

SAFE technology enables the 180 QX to fly in three dynamic modes with extreme stability and varied envelope protection. Superb flight characteristics are complemented by the included E-Flite HD camera. Like all Blade helicopters, the 180 QX HD is still a pilot's machine capable of aerobatics and high-speed flight with or without the camera attached.



# BLADE

**NEW & IMPROVED  
HD CAMERA**

## High definition, small footprint

Both the new BNF and RTF versions of the Blade 180 QX HD include the E-Flite® HD camera that's easily mounted to the frame between the sturdy landing gear struts. This lightweight camera is capable of true HD 720p resolution video recording as well as 1.3 megapixel still image capture and can be used on other aircraft. With the provided servo wire lead, operating the still and video modes can be controlled remotely using any open receiver channel. The manual controls allow camera when an open receiver channel isn't available.



**E-flite®  
EFC™-721  
HD Camera**

ITEM#  
EFLA801

# THE EXPERIENCED PILOT'S

# DREAM MACHINE



The Hangar 9® P-51D Mustang 60cc ARF is a remarkable replica of America's favourite warbird even the die-hard builder can appreciate. Modelled after the Mustangs used by the 357th Fighter Squadron during WWII, it's constructed in 1/5-scale with lightweight balsa and plywood featuring full balsa-sheeting to maintain a strict scale appearance that's also durable. It comes out of the box with all kinds of details fully finished, including a removable scale antenna, gun details and much more. The included sliding canopy and full-depth cockpit is provided as inspiration so that modellers can take the scale experience as far as they'd like.



## Hangar 9 P-51D Mustang 60cc ARF

ITEM#  
HAN4770

### Recommended P-51D 60cc accessories

Because it's an ARF, required equipment like retracts, engine and radio gear need to be selected. But we've even made that shopping list for you:

- Spektrum™ DX9 9-channel transmitter (SPMR9900)
- Spektrum AR9110 9-Channel DSMX PowerSafe receiver (SPMAR9110)
- (2) Spektrum 2200mAh 6.6V LiFe pack (SPMB2200LFRX) receiver batteries
- Spektrum 1450mAh 6.6V LiFe pack (SPMB1450LFRX) ignition battery
- Evolution™ 62GX 62cc gas engine with SureFire™ EFI and muffler (EVOE62GX1)
- E-flite® 90° electric retract and strut set with controller (EFLG700)
- E-flite Retractable Tail Wheel P-51 60cc (EFLG750)
- (2) Hangar 9® 5¼" P-51 Main Aluminium CNC Wheel (HAN477018)

### Options

- Hangar 9 5½" P-51 Painted Aluminium Spinner Cone (HAN477020)
- Hangar 9 Wing Drop Tanks (HAN477021)
- Hangar 9 1/5-scale Bombs (HAN476017)
- E-flite Servoless Payload Release (EFLA405)—2 required

### Spektrum servos:

- (2) A7040 HV Retract Servo (SPMSA7040), retract doors
- (2) A6220 HV Digital Low Profile High-Torque servo (SPMSA6220), ailerons
- (2) A6150 HV High-Torque MG servo (SPMSA6150), flaps
- (2) A5060 Mini HV Digital High-Torque MG servo (SPMSA5060), elevators
- (1) A6180 Digital Aircraft servo (SPMSA6180), rudder
- (1) A6110 HV Standard servo (SPMSA610), throttle

# The Overnight Giant

## QUICK LOOK

### Why It's Great

The 1/4-scale Super Cub is a great large-scale airplane with a popular rank that may never have an equal. Everything except the transmitter, receiver and batteries are included in the box, even the new Evolution 33GX gas engine and eight Spektrum digital servos.

### Who Will Love It

The 1/4-scale PA-18 Super Cub is for the scale enthusiast who desires a fantastic flying airplane that can be used for several purposes. It's a float flyer that will also score big at the flying field.

### Key Product Features

- ▶ **Just provide a receiver** and batteries to the installed electronics and you can be flying giant-scale in no time.
- ▶ **Accurately modelled** wing struts feature a quick-connect pin system and fold up against the wing when disconnected for easy assembly.
- ▶ **Operational cockpit door** allows for all switches to be hidden from view to maintain the scale appearance.

**SUPER SCALE FUN:** Like the full-scale version, the model has functional flaps that give it amazing short-field takeoff and landing abilities. It also possesses the same easy-going flight characteristics, but will eagerly perform sport aerobatics.

# The most popular scale aircraft is now Plug-N-Play™ easy

This beautiful, 1/4-scale Plug-N-Play version of the Super Cub has been expertly modelled in stunning detail and includes high-quality equipment so that even a first-time giant scale pilot can have this impressive model flight ready practically overnight. Every line and curve mirrors the real thing, right down to the characteristic shape of the fillet where the fuselage meets the vertical stab. Every control surface, including the flaps, features a metal-gear Spektrum™ digital servo so that setup is easy. The high-end feature list includes scale shock absorbing landing gear, a full-body pilot figure and a painted scale spinner just to name a few. Convenience features such as the plug-in wings and quick-release wing struts that fold flat make going big a whole lot easier. The included Evolution™ 33GX gas engine is ready to bolt into place with the provided in-cowl exhaust so you get reliability that offers power to spare. There's even a propeller in the box!



### Well powered

The included Evolution™ **EVOE33GX** 33GX, 33cc gas engine simply bolts into place. Factory-made relief cuts for the spark plug cap and aluminium **EVOM4** in-cowl muffler exhaust pipes ensure the cowl fit is perfect.



### Scale landing gear

This working recreation of the o-ring bungee landing gear used on the full-scale Super Cub will soak up bumps during ground operations just like the real thing.



### Led light ready

The model's wing and fuselage have been designed to make it easy to route the wiring for LED lights (sold separately). Clear light covers are also included.

## Hangar 9® 1/4-Scale PA-18 Super Cub PNP

ITEM#

PNP (HAN4975)



## ADD ONS

### Optional float plane conversion

Hard points for mounting the Hangar 9 1/4-scale Cub float kit (**HAN4580**—sold separately) are already built into the fuselage.

### Detail that gets you inside

This Super Cub will really stand out on the ramp when you add the optional full-depth cockpit (**HAN454019** – sold separately).

## NEEDED TO COMPLETE

A 7+ channel full range radio system such as the **SPMR9900** Spektrum™ DX9 9-channel DSMX® transmitter and **SPMAR9020** Spektrum AR9020 9-channel DSMX X-Plus™ receiver.

Two 6.0V battery packs; one for the receiver and the other for the engine ignition such as the **SPMB2700NM** Spektrum 6.0V 2700mAh Ni-MH.



# Simple Leisurely Flight

A getaway airplane designed to thrill at a walking pace

The Spacewalker “homebuilt” design is a tribute to aviation’s golden age and regarded as an outstanding airplane for pure pleasure flight. The E-flite® UMX™ Spacewalker ultra micro is all about making the pure joy of RC flight possible within the serenity of small spaces—even in a backyard. Its scale appearance captures the charm and sense of adventure of those who have labored over their own full-size homebuilt. That’s because it includes exquisite detailing such as moulded wing ribs, exposed engine cylinders and a pilot figure that’s proudly poised in the open cockpit. But it’s the slow-flight capability and simple 3-channel performance that will have RC pilots wanting to keep plenty of charged micro batteries on hand.

## E-flite® UMX™ Spacewalker

ITEM#  
RTF (EFLU2700)  
BNF (EFLU2780)



## ADD-ONS

### A charged battery is never wasted

The included E-flite **EFLB0701S** rechargeable ultra-micro 70mAh 1S 3.7V Li-Po battery is capable of delivering 5-9 minute flight times.





## QUICK LOOK

### Why It's Great

This E-flite UMX version of the Spacewalker captures the charm and slow-flight capabilities of the remarkable original. In addition to the simple and smooth flight characteristics of this 3-channel airplane, multiple scale details such as wing ribs and engine detail help bring this ultra micro model to life

### Who Will Love It

The indoor ultra micro enthusiast who is looking for a simple and fun scale flyer. The RTF is ideal for the pilot that's never flown indoors before, and the BNF version will entice anyone familiar with any ultra-micro built by Horizon Hobby brands.

### Key Product Features

- ▶ **Slow flying fun** performance that's economical and ideal for indoor flying or catching a quick flight in the backyard.
- ▶ **The wood construction** and fabric covering of the original is exquisite detail moulded into the ultra-lightweight foam material.
- ▶ **The serenity of** slow flight is captured with simple 3-channel control that includes the motor, rudder and elevator.



### UMX™ Design

The Spacewalker is a fully assembled ultra-micro design that's engineered with the finest materials and equipped with cutting-edge components to deliver best-in-class performance.



### 3-Channel Control

E-flite® MLP4DSM 4-channel 2.4GHz DSMX® transmitter included with the RTF version features proportional control of the throttle, rudder and elevator built into the airplane.

**EXPERIMENTAL GLORY:** Powered by a relatively small 65hp engine, the original homebuilt Spacewalkers were built as single or tandem seat slowflyers that drew design aesthetic from trainers of the 1920s. Designed by Jesse Anglin, the plans and aircraft are still available for people who wish to continue the legacy of this aircraft.

# BACKYARD AIR



## QUICK LOOK 🔍

### Why It's Great

The UMX™ Pitts® S-1S offers the best combination of performance and stability for the pilot wanting a scale biplane experience in an ultra-micro platform. No other company offers a Pitts biplane in this size because the innovations that make it possible are only available from Horizon Hobby.

### Who Will Love It

The ultra-micro pilot who is looking for a popular scale biplane with moderate performance capability and a rock-solid feel.

### Key Product Features

- ▶ **AS3X™ technology** enables this traditionally squirrely model to fly well.
- ▶ **Beautiful appearance** in all dimensions with scale detail right down to a pilot figure.
- ▶ **Capable** of the same graceful aerobatics that made the full-size aerobatic icon famous.

## Finally the full-scale aerobatics icon is available for RC with the ability to pack a punch anywhere.

The E-flite® UMX™ Pitts™ S-1S airplane makes it possible for you to enjoy the air show icon of the century in your own back yard. That's because its built-in AS3X™ system has been custom-tuned to deliver handling that feels amazingly stable, but also manoeuvrable so that scale aerobatics can be performed with crisp precision. The incredible result is a flying experience similar to that of an expertly tuned giant-scale model. Its distinctive scale character comes through without sacrificing the performance benefits of a light wing loading. Not only are details like rib and stringer detents obvious, even the landing gear and tail wheel represent the celebrated features of an aerobatic platform. And the really cool part is that this beautiful ultra-micro biplane comes out of the box fully assembled and ready to bind.

### E-flite UMX™ Pitts® S-1S

ITEM#	COMPLETION
EFLU5250	BNF BASIC

**NOT A LIL STINKER:** It is widely accepted that the Pitts Special is the standard by which all other aerobatic aircraft are judged. The UMX Pitts S-1S is a tribute to what has been a hugely popular aerobatic airplane for the full-scale world and is still the airplane of choice for several modern airshow pilots.

# SHOW

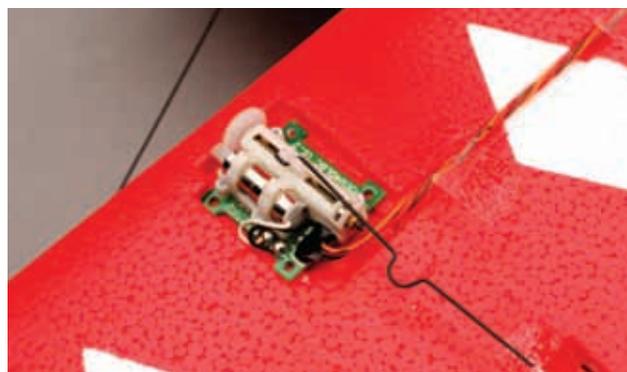
**E-flite**

**AS3X™**



## WHAT'S UNDER THE HOOD

The high-output brushless power system installed under the magnetically secured hatch, consists of an E-flite® 180BL, 3000Kv outrunner motor and a 5 x 2.75 propeller. Together they provide ample thrust for scale aerobatic performance.



## STATE OF THE ART ELECTRONICS

From the solid control of AS3X™ system technology to the crisp response of performance linear long-throw servos, everything about the UMX Pitts S-1S is about delivering a solid scale aerobatic experience.



## E-FLITE EFLA180 FIELDMATE PRO ELECTRIC FIELD BOX

The E-flite® FieldMate™ Pro Electric Field Box is the ideal choice for RC pilots who want an organised container that can carry everything required to help have a great time flying electric aircraft indoors and out. Fully assembled from high-quality materials, it's finished to stand the test of time and engineered so that you have easy access and storage for the equipment you have and need most.

## Recommended to Complete

The UMX Pitts S-1S is the perfect ultra micro aircraft for the intermediate to advanced pilot. All that's needed to fly right away is a 4+ channel DSM2™/DSMX® compatible airplane transmitter, an E-flite 2S 7.4V Li-Po battery that has a capacity of 150–200mAh. Of course they'll also need a reliable 2S Li-Po balance charger.



**Recommended Transmitter:**  
Spektrum SPM6700 DX6 6-Channel DSMX® Transmitter with AR610 Receiver

**Recommended Flight Batteries:**  
E-flite EFLB2002S25 200mAh, 2S 7.4V 25C Li-Po  
E-flite EFLB1502S45 150mAh, 2S 7.4V 45C Li-Po

**Recommended Charger:**  
Dynamite DYNC2015 Prophet Precept 80W LCD AC/DC Battery Charger (adapter required)

**Charge Adapter:**  
E-flite EFLA700UM Charger Plug Adapter EFL

# BUILT TO VICTORY ROLL

## QUICK LOOK

### Why It's Great

In a market quickly filling with ultra-micro class aircraft, those with Horizon Hobby exclusive AS3X™ technology like this new F4U Corsair will find that they consistently deliver the best flight experience and scale appearance.

### Who Will Love It

Any intermediate to experienced RC pilot who appreciates its realistic appearance and convenient size. Its sure to turn those who have tried other brands of ultra micro-class products into life-time UMX™ pilots simply because it flies precise and super-smooth—just like a warbird should.

### Key Product Features

- ▶ **AS3X technology delivers** rock-solid stability and great handling
- ▶ **The new high-performance** 3-blade propeller provides a scale look and high-speed flight plus dramatic vertical climb-outs
- ▶ **Independent Spektrum SA2030LO** offset servos on the ailerons make roll performance more precise and axial

An AS3X™ technology-equipped ultra micro with rock-solid performance

The warbird that thrilled fans of ultra micro flight around the globe is now available as an E-flite® UMX™ series replica, featuring advanced AS3X™ (Artificial Stabilisation – 3-aXis) technology. Our exclusive AS3X system has been specially tuned so pilot control feels crisp and completely natural with no delay in control response. Instead of an ultra micro, pilots will feel like they're at the controls of an expertly tuned, giant-scale model that flies with knife-like precision. It also features improvements like a 3-blade propeller that delivers more power and new performance linear long-throw servos. The Ready-to-Fly version is complete with a DSMX® transmitter and the Bind-N-Fly® version is for the many pilots already equipped with a great 4+ channel DSMX-compatible transmitter.

## E-flite® UMX™ F4U Corsair

RTF (EFLU2600) / BNF (EFLU2680)

**COMPARE TO:** Parkzone Ultra Micro P-51D with AS3X technology, Parkzone Ultra Micro P-40 Warhawk with AS3X technology.

**E-flite®**

**AS3X™** **UMX™**



### Big on detail

Scale detail like an authentic paint scheme, clear canopy and moulded panel lines make this ultra micro easy to appreciate. Decals are provided to finish the model as either the ace Corsair flown by Gregory "Pappy" Boyington or Ira "Ike" Kepford.



### Power and control

This UMX F4U Corsair comes with a new high-performance 3-bladed prop and tailwheel steering for great handling in the air and on the ground. You can even remove the landing gear for a more realistic look in flight.



### Built to victory roll

Each aileron features a Spektrum™ SA2030LO performance linear long throw offset servo for precise control that makes roll manoeuvres as axial as possible.

**THE BENT-WING GROOVE MACHINE:** The Artificial Stability – 3 aXis (AS3X™) system built into this UMX Corsair works behind the scenes to counter the effects of forces like P-factor, turbulence and torque using 3-axis sensing and exclusive flight control software. Best of all, it feels completely natural.



### ADD-ON ✓

The Spektrum™ SPM6700 DX6 6-Channel DSMX® programmable transmitter is ideal for the pilot with a fleet of ultra micro airplanes compatible with Spektrum 2.4GHz frequency technology.



### ADD-ON ✓

Just about every ultra micro 1-cell Li-Po aircraft can benefit from the power delivered from the E-flite EFLB1501S25 150mAh 1S 3.7V 25C Li-Po Battery.

# Cloud sur

## The full-featured motor glider for the park

The E-flite® Adagio™ 280 motor glider is the park-size solution for pilots who want a full-featured soaring experience and the fun of a sport airplane. Its sleek, high-aspect ratio wing and flowing fuselage offer the ability to slip cleanly through the air and connect with thermal activity just like a pro-class glider. When the air doesn't deliver the lift needed, all a pilot has to do is add throttle and the high-torque outrunner motor whips the folding prop to life. Unheard of for a model this size, the Adagio 280 features operational flaps that expand its flight envelope and make pin-point landing a breeze. The best part is that the AS3X™ system makes you feel as if you're at the controls of an expertly tuned, giant-scaled model that flies like it's on rails. Add all that up on top of its durable, carbon fibre reinforced Z-foam™ construction and even pilots who never considered soaring before will want to get into it.



### QUICK LOOK

#### Why It's Great

The E-flite® Adagio 280 motor glider is the park-size solution for pilots who want a great soaring experience and the versatility of a sport airplane. With advanced AS3X™ technology, instead of a park flyer, pilots will feel like they're at the controls of an expertly tuned, giant-scale model that flies like it's on rails.

#### Who Will Love It

The intermediate and experienced park pilots who are looking for a more advanced powered soaring experience with aerobatic capabilities. The Adagio 280 is a great next-step powered glider after the Parkzone® Radian™.

#### Key Product Features

- ▶ **AS3X stabilisation** smoothes out the effects of wind and turbulence and helps keep the airplane on track even when the throttle is pushed to full
- ▶ **The first** 280-class powered glider with a wide flight envelope including basic aerobatics.
- ▶ **Pro-class features** such as moulded construction with carbon fibre reinforcement, 5-channel control with operational flaps and digital servos.



#### Convenient design

The 280-size design allows for soaring at smaller fields. Its two-piece wing allows for easy transport because the model breaks down into a small package. And because it's a motor-glider, there's no need for a hi-start or a tow line.



#### Innovative technology

Advanced AS3X™ technology built into the pre-installed Spektrum™ AR6335 receiver has been programmed to help stabilise the airplane in turbulence. The result is the kind of control feel and performance pilots expect from a motor-glider many times larger.



#### Five-channel control

Traditional four-channel manoeuvrability plus working flaps delivers more precise glide path control and allows for landing in a smaller area. The E-flite® 3.5-gram servos installed feature digital precision and amazing authority.



#### Aerobatic maneuverability

The airframe design is optimised for high-lift and aerobatic capability. With the powerful ailerons, effective rudder and potent outrunner motor, the Adagio™ 280 motor glider feels right at home doing graceful aerobatics or searching for thermals.

**THE SUCCESS OF SILENCE:** The immense popularity of the Radian series of motor-gliders encouraged E-flite developers to take the next step in performance to a design with modern appeal and the advanced capabilities such a radial move rewards.

# rfer

## E-flite® Adagio™ 280 BNF™ Basic

ITEM#: EFL6550



### ADD-ONS



**The eagle-eyed pilot's edge**  
The Spektrum™ SPM6700 DX6 6-Channel DSMX® programmable transmitter is ideal for the pilot who wants the most options possible in a simple 6-channel radio. Its lightweight design helps make long flying times more comfortable and the voice alert system can be tuned so you never have to take your eyes off the airplane.



**Value performance**  
A remarkable level of performance is packed into the Adagio 280, yet it only requires the small E-flite® 3S 11.1V 450mAh 30C Li-Po (EFLB4503SJ30) battery. It's the same pack used for other 280-class E-flite aircraft from warbirds to 3D airplanes; so it makes sense to have plenty on hand at the park.



**Fly again faster**  
High-power batteries like the one recommended for this airplane can be ready to use again 20-minutes later when recharged with the Dynamite® DYNC2015 Prophet™ Precept™ 80W LCD AC/DC battery charger. Its output capability, when combined with the battery's ability to charge at a fast 3C rate, makes downtime between flights next to nothing.

# FLY THE WILD



## QUICK LOOK

### Why It's Great

As a BNF, the Sport Cub offers pilots with Spektrum radios a highly capable and very versatile park-sized Cub with the renowned benefits of AS3X™ technology. The PNP version allows non-Spektrum pilots to utilise their own receiver and transmitter system.

### Who Will Love It

RC pilots who are already capable of flying 4-channel airplanes and would like to expand their fleet with a highly-capable and versatile scale model.

### Key Product Features

- ▶ **The ONLY AS3X™ technology** stabilised Cub in a park flyer size for a level of convenience that doesn't sacrifice performance.
- ▶ **Very popular** subject that features classic lines and modern aerodynamics.
- ▶ **An extremely versatile airplane** equipped with Tundra tyres so it can fly off runway, grass, gravel, sand, and even water when the optional floats are installed.

## Designed for flight in the wild just like its full-scale inspiration.

The Parkzone® Sport Cub park flyer is a fantastic recreation of an aerial adventure machine that will open a new world of possibilities for RC pilots. Constructed of durable, lightweight Z-Foam™ material, it shares many of the same aerodynamic features that give the full-scale version its light wing loading and superb short field abilities. Oversized tundra tyres for flying off grass and other rough surfaces are included. Those in search of the ultimate RC bush flying experience have the option of adding floats and functional flaps. The Bind-N-Fly® version comes equipped with a Spektrum™ AR636 DSMX® 6-channel receiver with built-in AS3X™ technology. It's a control combination that delivers a robust signal link and counters the effects of wind and turbulence so you can fly low and slow or nail sport landings with amazing precision. For those who have a suitable battery, charger, receiver and transmitter, a PNP version is also available.

### Parkzone® Sport Cub

ITEM#	COMPLETION
PKZ6875	PLUG-N-PLAY
PKZ6880	BIND-N-FLY

**OBVIOUS RESEMBLANCE:** The full-scale Cub Crafters Sport Cub is an inspired reinvention of the Piper Super Cub that is introducing a whole new generation of aviators to the wonder and excitement of back country flying.



#### SPARE BATTERY

The BNF version includes a E-flite EFLB13003S20 3S 1300mAh 20C Li-Po battery. There's plenty of room in the battery compartment for a larger 3S PKZ1031 1800mAh or PKZ1029 2200mAh Li-Po battery for longer flying time.



#### ADD FLAPS

All that's needed to add the optional flaps is to install the PKZ1090 digital micro servo (sold separately) inside the wing and hook up the linkage.



#### AS3X™ AMAZING

Adjust the amount of stability the AR636 AS3X receiver provides or turn it off completely. Even experienced pilots will find flying with AS3X technology feels completely natural. There is no delay in control response or limits on the control throws. You will simply feel like you're flying an expertly tuned model that does exactly what you ask it to.



#### FLOAT PLANE CONVERSION

It's designed to access the HBZ7390 Hobbyzone Super Cub Float Set. The set is equipped with everything necessary so the wheel assembly can come off as one piece, and the float assembly just screws into the factory installed hard points using the pre-drilled holes and included hardware.

# Fun in the Sun

## The one-of-a-kind Horizon Airmeet showcases the thrills of RC flight

**S**ummer is an exciting time for aviation fans in Europe. The weather is typically magnificent, making it the perfect opportunity for a one-of-a-kind event. Celebrating its fifth anniversary, Horizon Airmeet™ brings together an epic collection of modellers who understand what it takes to excite the senses at a sky-scraping energy level. On August 15 – 17, the Airmeet will showcase the best pilots and products in the hobby. Horizon Airmeet is something special: Top-level aviation entertainment of both model and full-scale expertise bring their best game. Its energetic pace and schedule runs constantly from dawn until many hours after dark. Best of all, it's hosted by the RC manufacturer considered the best in the business.







It was in 2009 when we first decided to operate our own Horizon Hobby model air show. We didn't want just another run-of-the-mill air show — we wanted to make it special, and different than all the others of its kind. We wanted an event to electrify. A weekend to inspire its spectators. A show to make everyone enthusiastic about RC model flying; a show about having fun with hobbies.



**Fun in the Sun**





In August of 2009 we took over EDMQ, (the official identification for the airfield in Genderkingen/Donauworth) for the first time and fashioned it into what is now Horizon Airmeet™. Few of us would have dreamt that it would develop into what it is now: RC entertainment, an open air festival, and *the* place to go for model pilots from all over the world.



**Fun in the Sun**





Thank you to a fantastic Horizon team that voluntarily invests hours and hours and plunges into this event with heart and soul — sometimes to the edge of exhaustion and even beyond. Thank you to the best RC pilots of the world — in flying and in personality. Although it seems impossible, you topped last years' show over and over again. You inspired your audience in an incredible way with your models and your flying skills, making them cheer in a storm of enthusiasm. Thank you to the audience for creating an atmosphere beyond compare. We can hardly believe that this is happening. It's all of you — you're making the difference. *You are the Airmeet.*



**Fun in the Sun**





# VATERRA®

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What are Vaterra® vehicles all about? A shared passion for motorsports and radio control. Extreme performance and extreme places. Cars and trucks that look and drive just like the real thing. Most of all, they're about gathering friends and having the time of your life.

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**Adventure Driven.™**



# MUSCLE AND

Vaterra® replicas have been officially licensed by some of the top names in automotive manufacturing and include everything you need to get driving in the time it takes to charge a battery. Each Vaterra vehicle can even be customised to drive faster and adjusted to fit your driving style. So whether you want the full force of American muscle or the pulse pounding force of an import, with the Vaterra lineup of licensed touring cars you'll be well on your way to fulfilling your automotive fantasy.



**Vaterra® Custom Corvette**  
1/10 SCALE SPORTS CAR VTR03022



The Vaterra 1969 Custom Corvette features the classic stingray design that elevated the Corvette to legendary status among car lovers. Built with a potent Dynamite® power system and shaft-driven 4WD, the Vaterra Custom Corvette doesn't sacrifice power for its good looks.

## HORIZON HOBBY TECHNOLOGY



### Spektrum Inside

Each vehicle on this page comes with everything you need in one box including Spektrum™ electronics. Thanks to Spektrum, you'll experience long range connectivity wherever you drive. And you'll be able to tear up the pavement comfortably with a **DX2E transmitter** that you can customise to fit your driving style.



**Vaterra 1967 Ford Mustang**  
1/10 SCALE MUSCLE CAR  
VTR03017



This sharp recreation from Vaterra gives you the chance to tame one of America's most aggressive muscle cars, the Ford Mustang. With the precision of an included Spektrum™ DX2E 2.4GHz Radio System, you'll be able to drive the Mustang like you've always wanted to.



**Vaterra 1969 Chevrolet Camaro RS**  
1/10 SCALE MUSCLE CAR  
VTR03006



This impressive reproduction of the '69 Chevrolet Camaro RS comes with a detailed body, low profile tyres and large diameter wheels that perfectly capture the menace behind this American automotive classic. Lurking beneath the sleek exterior is a shaft driven 4WD system that delivers excellent traction and superb control.

\*Also Available Brushless Vaterra Camaro SS VTR03016

# HUSTLE

## Vaterra 2012 CHP Camaro 1/10 SCALE POLICE CAR VTR03012

Lay down the law with the Vaterra® 2012 CHP® Camaro® ZL1™ sport coupe! This exciting 1/10-scale homage to the men and women of the California Highway Patrol is modelled after a 585 hp Camaro ZL1 super car and includes an array of authentic features.



## Vaterra 2012 Camaro 1/10 SCALE MUSCLE CAR VTR03007

On display or on the streets, the Vaterra® 2012 Camaro ZL1 exudes attitude. The detail in its body and wheels alone are enough to make you stop and stare. It's when you pick up the included transmitter and power up the Camaro, that you'll really be hooked.



## Vaterra® 2014 Chevrolet Corvette 1/10 SCALE SPORTS CAR VTR03011

Turn heads and steal the spotlight with the 2014 Corvette Z51 Stingray from Vaterra®. Just like its full-scale inspiration, this on-road stunner performs with a perfect blend of speed, traction and control. Underneath its officially licensed body, the Corvette Z51 Stingray sits on the reliable Vaterra® V100-S chassis.

## Vaterra Features

### EACH VEHICLE HERE IS BUILT ON THE VATERRA V-100 CHASSIS AND FEATURES:

- Shaft-Driven 4WD
- Li-Po Ready Electronic Speed Control
- Motor Guard With Cooling Vents
- Officially Licensed Bodies
- Waterproof Electronics

# Stop Traffic

One of the quintessential American muscle cars, the Corvette Stingray has drivers looking for the open road.

## 1969 Custom Corvette V100-S 1/10th RTR

ITEM#: **VTR03022**

For Corvette lovers, the iconic lines of a big block, 1969 Stingray doesn't so much form a shape as they do an emotion. To them, it is more than a muscle car. It is America's sports car — a sleek, powerful declaration of independence that will forever be Detroit's crowning achievement. This gorgeous RC replica comes completely assembled and, ready to run with an officially licensed body in place. Underneath the gorgeous exterior is the power and poise of a Vaterra® V100-S chassis. Its potent Dynamite® power system and shaft-driven 4WD provide a perfect blend of speed, traction and control that make this car a blast to drive right out of the box.





### Versatile V100-S chassis

The V100-S chassis provides a balanced, neutral-handling car that's fun to drive. Its universal body mounts allows the use of bodies from other Vatera vehicles with a V100-series chassis as well as the 1/10-scale bodies from other manufacturers.



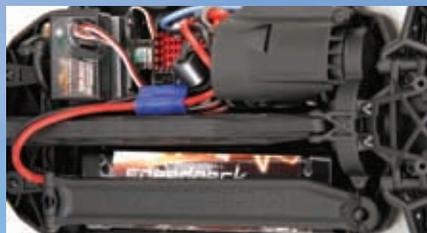
### Shaft-driven 4WD

The shaft-driven 4WD delivers excellent traction on paved surfaces and superb drift control when sliding through corners at full throttle. The differentials are sealed against the elements and can be tuned for a variety of running conditions.



### Low-profile tyres on large diameter wheels

The low-profile tyres and 54mm wheels are complemented by brake and caliper details on the hub. The rear tyres have a little more meat than the fronts for better grip and a little more attitude.



### Waterproof electronics

The car is equipped with a waterproof receiver, speed control and steering servo for driving in the real world, where roads get wet and the weather is often less than perfect.



## QUICK LOOK

### Why It's Great

Vatera touring cars feature the ultimate on-road RTR package perfect for the full-scale motorsports enthusiast to get started. Corvette lovers will be drawn to the true scale appearance and RC experience.

### Who Will Love It

The Corvette is designed for on road enthusiasts, street bashers and drifters not to mention fans of the full scale Corvette. Additionally, off-road drivers looking into getting an on-road car to add to their stable of vehicles.

### Key Product Features

- ▶ **Authentic** 1969 Custom Chevy Corvette Trim Scheme
- ▶ **Complete RTR setup** including Spektrum 2.4GHz radio system, NiMH battery and charger
- ▶ **Fully upgradable** with multiple body and performance upgrade options



## HOP-UPS

### Brushless Performance Package

(VTR332003) Drive Shaft Aluminium:V100  
(DYN4942C) Tazer 1/10 3300Kv ESC/Motor Combo  
(DYN9005EC) 7.4V 5000mAh 2S 30C LiPo Hardcase: EC3  
(DYNC2010) Dynamite Prophet Charger

### Appearance and Performance

(VTR332004) Centre Diff Joint Set Aluminium:V100  
(VTR332005) CV Driveshaft Aluminium (2): V100



(VTR332006) Brake Caliper Aluminium, Gold:V100  
(VTR332007) Brake Caliper Aluminium, Aqua:V100  
(VTR332008) Motor Plate Aluminium V100  
(VTR333001) Adj Coilover Shock Alum(4):V100  
(VTR334005) Front Upright Set L+R Aluminium:V100  
(VTR334006) Rear Upright Set L+R Aluminium:V100  
(VTR334007) Front Shock Tower Aluminium:V100  
(VTR334008) Rear Shock Tower Aluminium: V100

# AMERICA'S DREAM CAR

The exclusive Vaterra® 2014 Chevrolet Corvette is a one-of-a-kind machine built to perform just like its full-scale counterpart

With exclusive licensing rights, the highly detailed 1/10th-scale Vaterra 2014 Chevrolet Corvette Z51 Stingray is in a class by itself. Nothing comes close to its impressively detailed trim scheme that is matched only by its versatile and fully upgradeable chassis. It comes completely assembled and ready to run. Underneath the gorgeous exterior is the power and poise of a Vaterra V100-S chassis. Its potent Dynamite® power system and shaft-driven 4WD provide a perfect blend of speed, traction and control that make this car a blast to drive right out of the box.



VATERRA 



#### Exclusive 2014 Corvette body

The stunning body is a licensed exclusive that is only available on this Vatera vehicle. It's modelled after the 2014 Corvette Z51 Stingray and includes details like chrome exhaust tips, side mirrors, authentic badging and more.

## QUICK LOOK

### Why It's Great

This automotive icon features a highly-detailed body and a performance package drivers will rave about.

### Who Will Love It

This is the kind of vehicle full-scale, modern Corvette enthusiasts would be interested in as well as traditional on-road RC enthusiasts and off-road drivers looking to make a splash with a one-of-a-kind on-road machine.

### Key Product Features

- ▶ **Fully licensed** 2014 Chevy Corvette Trim Scheme (Exclusive to Vatera/ Horizon)
- ▶ **All inclusive** Ready-to-Run package
- ▶ **4X4** shaft-driven drivetrain





**Versatile V100-S chassis**

The V100-S chassis gives you a balanced, neutral handling car that's fun to drive right out of the box. Its universal body mounts allow you to use bodies from other Vaterra vehicles with a V100-series chassis or the 1/10-scale bodies from other manufacturers. You can also choose from a wide array of upgrade options for everything from the suspension to the power system.



**Shaft-driven 4WD**

The shaft-driven 4WD delivers excellent traction on paved surfaces and superb drift control when sliding through corners at full throttle. The differentials are sealed against the elements and can be tuned for a variety of running conditions.



**Low-profile tyres on Z51 wheels**

The tyres come mounted on 54mm replicas of the wheels that are exclusive to the Z51 performance package. Brake and caliper details on the hub add to the realism. The rear tyres have a little more meat than the fronts for better grip and a little more attitude.



**Waterproof electronics**

The car is equipped with a waterproof receiver, speed control and steering servo for driving in the real world, where roads get wet and the weather is often less than perfect. For complete details on waterproof standards, please refer to the product instruction manual.

**AS REAL AS IT GETS**

These hop-up items add realism and performance



DYN4942C



VTR332007

**Brushless Performance Package**

- VTR332003 Drive Shaft Aluminium:V100
- DYN4942C Tazer 1/10 3300Kv ESC/Motor Combo
- DYN9005EC 7.4V 5000mAh 2S 30C LiPo Hardcase: EC3
- DYNC2010 Dynamite Prophet Charger

**Appearance and Performance Options**

- VTR332004 Centre Diff Joint Set Aluminium:V100
- VTR332005 CV Driveshaft Aluminium (2): V100
- VTR332006 Brake Caliper Aluminium, Gold:V100
- VTR332007 Brake Caliper Aluminium, Aqua: V100
- VTR332008 Motor Plate Aluminium V100
- VTR333001 Adj Coilover Shock Alum(4): V100
- VTR334005 Front Upright Set L+R Aluminium: V100
- VTR334006 Rear Upright Set L+R Aluminium: V100
- VTR334007 Front Shock Tower Aluminium: V100
- VTR334008 Rear Shock Tower Aluminium: V100

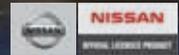
**Vaterra® 2014 Chevrolet Corvette V-100S 1/10th RTR**

ITEM#: VTR03011



# Contemporary Classics

Take to the streets and battle for rank with recreations of some of today's most acclaimed high-performance street machines from Vaterra®. Each model embodies the essence of street racing and comes ready to go toe-to-toe with the competition.



## Vaterra 2012 Nissan GTR 1/10 SCALE TOURING CAR VTR03004

This ready-to-run recreation of the 2012 Nissan GT-R is built on the Vaterra® 4WD V100-S chassis. Its low profile tyres and powerful Dynamite® motor system lets you drive fast and corner hard with incredible control, just like the real thing. And you'll drive in style with details like clear headlights, chromed exhaust tips and side-view

- mirrors.
- Waterproof Electronics
- Li-Po Ready Electronic Speed Control
- Shaft-Driven 4WD For Extreme Traction

## HORIZON HOBBY TECHNOLOGY



### Get the Winning Edge

Want to out drift, out manoeuvre and accelerate past every other driver with even more accuracy? Then consider upgrading your transmitter to a **Spektrum DX4C**. The DX4C is an advanced computer radio that allows you to customise your vehicle to your driving style. You can now get this superior radio system with an extra receiver for less. (SPM4200)



## Vaterra 2012 Nissan GT3 1/10 SCALE TOURING CAR VTR03005

This excellent, ready-to-run replica of the 2012 Nissan GT-R Nismo GT3 comes ready to tear up the asphalt with an officially licensed GT3 body and unbeatable features. Its versatile Vaterra® V100-C chassis has a built-in front splitter and rear diffuser, just like those found on full-scale racing machines.



## Vaterra 2002 Nissan Silvia 1/10 SCALE TOURING CAR VTR03008

Few cars are as sought after as the Nissan Silvia. With its stealthy design and impressive stock engine this powerhouse caught the attention of millions. With this outstanding ready-to-run replica of the Silvia (S15) you can experience all the excitement of street racing scene without the risk of a speeding ticket.



# KICKING UP DIRT

## *Never Looked This Good*



If you've ever dreamed of tearing through the off-road terrain with the fury of a high-performance 4WD vehicle, then Horizon Hobby has you covered. With licensed trim schemes and impressive power, Vatterra® vehicles deliver authenticity anywhere you drive.

### **Hälix 4WD Monster Truck RTR** 1/10 SCALE TRUCK VTR03003

It all began as a challenge. During the peak of pickup truck modification, after years of creating lifted pickup trucks for competition, the title of "biggest truck" was introduced and monster trucks were born. While initially seen as a novelty to accompany mud bogging and tractor pull events, it was only a matter of time before these behemoths of modern automotive engineering began squaring off for speed rather than just sheer size. The Hälix™ monster truck fulfills this heritage by staying true to those who dared to build bigger and go faster.

- Waterproof Electronics
- Shaft-Driven 4WD
- Durable and Lightweight Chassis
- Brushless Power System





## Vaterra Ford Fiesta 1/10 SCALE 4WD RALLYCROSS CAR VTR03010

This authentic recreation of the Rockstar Ford Fiesta combines a proven 4WD chassis with the punch of a Dynamite® brushless power system that can catapult the Vaterra Ford Fiesta to speeds of 55+ mph in the blink of an eye. With AVC™ technology and waterproof electronics you'll experience rallycross with enhanced traction and control.

- Durable nylon composite chassis
- Dynamite 3300Kv, 4-pole brushless motor
- On-road/off-road tyres with rally bar tread
- Officially licensed Rockstar Ford Fiesta ST Rallycross body



HORIZON HOBBY TECHNOLOGY



### Drive with Total Control

AVC™ technology from Spektrum™ allows you to make the most of high performance vehicles by using a unique combination of sensors and algorithms to help you drive faster with more control. With AVC installed, you have the freedom to adjust how much heading hold and throttle hold assistance is provided to match your driving style.



## Vaterra Ford F150 Raptor SVT 1/10 SCALE 4WD TRUCK VTR03009

The Vaterra® Ford Raptor pre runner is engineered to be driven just like the trophy trucks that compete in grueling, long distance desert races like the Baja 1000. Underneath its detailed body is a rugged 4WD chassis complete with long-travel suspension and metal gear VTV™.

Learn more about AVC technology at [spektrumrc.com/avc](http://spektrumrc.com/avc)



AVC CAN ALSO BE INSTALLED INTO  
VIRTUALLY ANY VEHICLE WITH THE  
**NEW SPEKTRUM  
SRS4210 RECEIVER**



# DRIVE OUTS THE LINE



## Slickrock

1/18 SCALE 4WD ROCK CRAWLER RTR (VTR01003)

The 1/18-scale Vatterra® Slickrock™ rock crawler is engineered to deliver the most authentic RC rock crawler experience in its class. Its combination of innovative suspension, steering and drivetrain features set it apart from just about everything else in its class.

# SIDE ES



## Glamis Fear™ 1/8 SCALE 2WD BUGGY VTR04001

Inspired by the monstrously overpowered 4-seat sand rails that run the dunes of Glamis, this 1/8-scale buggy comes ready to run and equipped to handle all kinds of terrain. At the centre of its design is a viscous ring diff that prevents wheel spin on loose surfaces when you're cornering hard or hammering the throttle. It's tough too. From the composite nylon chassis and oil-filled shocks to the waterproof electronics, the Glamis Fear™ buggy is built to let you go off-road in the real world.



## Twin Hammers™ 1/10 SCALE 4WD ROCK RACER VTR03000

No longer do you have to choose between a 1.9 crawler and an off-road buggy. With the Twin Hammers™ rock racer, you get the best of both worlds in one bone-crushing vehicle. Easily handle anything you come up against, from jagged rocks to extreme jumps. Just shift the two-speed transmission on the fly and you're good to go.

## Twin Hammers™ 1/10 SCALE 4WD ROCK RACER KIT VTR03001

Named for a pair of infamous off-road trails in California's Mojave Desert, the Twin Hammers™ rock racer epitomises the spirit of 4WD adventure. This kit version lets experienced RC drivers build the vehicle to their specifications, using the electronics and power system of their choice. It also takes the performance of this proven platform to the next level by including the option parts that have been most popular with the RTR version. These include licensed Interco Super Swamper Tyres, a front locker, heavy duty front axle outdrives and more.



# RALLY LIKE A ROCKSTAR



### Spektrum SRS4200 AVC™ receiver

The waterproof SRS4200 combines AVC stabilisation technology with the superb range and signal security of a DSMR™ receiver in a single, compact unit. A dial on the included DX2E transmitter lets you adjust the amount of AVC stability on the fly.



### Metal gear VTV™ differentials

The innovative VTV (Viscous Torque Vectoring) differentials prevent wheel spin on loose surfaces when cornering hard or hammering the throttle. Their smooth engagement and consistent feel, along with AVC technology, will give you confidence to run fast on all types of surfaces.



### High-performance brushless power

Revel in the power of a potent Dynamite 3300Kv 4-pole brushless power system that delivers massive torque and speeds of over 55 mph with the optional Dynamite Reaction Series 11.1V 5000mAh 3S 30C Li-Po battery (DYN9007EC)



### Waterproof electronics

The car is equipped with a waterproof receiver, speed control and steering servo for driving in the real world, where roads get wet and the weather is often less than perfect.



# The 4WD Ford Fiesta Rallycross offers the perfect balance of on-road speed and off-road adventure.

Speed, power, control and looks, the Vattera® 1/10th 4WD Ford Fiesta Rallycross vehicle has it all. Featuring an authentic and fully licensed Rockstar Energy trim scheme, Dynamite® brushless power system, Spektrum™ transmitter/receiver combo, waterproof electronics and AVC™ Technology, the performance package is simply one of a kind. The 3300kv 4-pole brushless motor coupled to the 4X4 drivetrain is capable of propelling the vehicle to speeds in excess of 55mph+. Drivers can easily manage all of the vehicle's power with AVC Technology providing stability assistance and traction control. This awesome 1/10-scale recreation of the Rockstar Ford Fiesta is built to be the most authentic RC rallycross experience in its class.



## Vattera® 1/10 4WD 2013 Ford Fiesta Rallycross Car

ITEM#: VTR03010



### QUICK LOOK

#### Why It's Great

The Vattera 1/10th Rockstar Rallycross vehicle is truly in a class of its own. There is no other 1/10th Rallycross vehicle on the market that offers all of its features at this price.

#### Who Will Love It

Drivers who love on and off-road bashing and appreciate authentic/licensed trim schemes as well as those who can't get enough of full-scale rallycross.

#### Key Product Features

- ▶ **Authentic and fully licensed** Rockstar Energy trim scheme
- ▶ **Spektrum DSMR™** 2.4GHz radio system
- ▶ **Capable of reaching speeds** in excess of 55 mph when properly equipped



### RECOMMENDED TO COMPLETE



**Powerful and attractive**  
(DYN9007EC) Dynamite Reaction Series  
11.1V 5000mAh 3S 30C Li-Po Hardcase: EC3



(DYNC2010CA) Dynamite Prophet Sport Plus 50W AC/DC Charger

# FAMILY TIES

The Mini 8IGHT-T — The first mini vehicle with AVC technology

Getting its design and layout from its much larger brother, the Team Losi Racing™ 8IGHT-T™, the Losi® Mini 8IGHT-T sports the same chassis layout as the Mini 8IGHT (sharing some parts) and is topped off with a body designed after the popular 8IGHT-T 3.0. It comes complete with everything needed to hit the ground running—battery, charger, AAs for the transmitter, everything! The truggy features a waterproof electronics package and the new Spektrum™ DX3E to facilitate patent-pending Spektrum™ AVC™ (Active Vehicle Control™) technology. The Mini 8IGHT-T is the first mini vehicle to include this innovative technology.

Losi Mini 8IGHT-T Ready-To-Run:  
1/14 4WD Truggy

ITEM# / LOS01000

## QUICK LOOK

### Why It's Great

This is the best mini option available designed for high speeds, larger jumps, and more action. Add in the ready to run package with waterproof electronics with AVC technology and this feature-rich truggy is hard to resist.

### Who Will Love It

Anyone looking for a feature-rich, all-included package. It's a perfect place to try out AVC technology if they haven't already.

### Key Product Features

- ▶▶ **8IGHT-T 3.0 styling** with Dynamite brushless performance
- ▶▶ **Patent-pending Spektrum™ AVC™** (Active Vehicle Control™) technology
- ▶▶ **Waterproof electronics package**





### Spektrum AVC technology

AVC technology comes pre-installed and controlled by the included DX3E transmitter, providing the most positive experience drivers can have. The tech helps make the truggy easier to drive, but with the flexibility to turn it off and cut loose.



### Aluminium, Threaded, Oil-Filled Shocks

Threaded-aluminium, oil-filled, coil-over shocks offer durability, dependability and are designed to ensure the desired suspension performance. Threaded bodies and collars allow for easy adjustments and fine tuning.



### Losi Blockhead Truggy Tyres

The Mini-8IGHT-T comes with Blockhead Truggy tyres offering great handling and performance. Additionally, the wheel features a standard 12mm hex along with a design to fit any 1/10th electric off-road rear tyre.



### 4500Kv Brushless System

Designed to provide plenty of power for the 4WD transmission, the Mini 8IGHT-T motor requires little to no maintenance and provides a whole lot of fast-paced action.



## UPGRADES

### Recommended Options:

- (DYN1476) 7.4V 2000mAh 2S 30C LiPo, Long w/EC3
- (DYN1477) 11.1V 1400mAh 3S 30C LiPo, Long w/EC3
- (DYNC2005) Prophet Sport LiPo 35W Charger
- (TLR74020) Shock Oil 6Pk
- (TLR74019) Shock Oil 6Pk Half Weights
- (DYN2585, DYN2583, DYN2584, DYN2586, DYN2587, DYN2588, DYN2589, DYN2590 DYN2591) Dynamite Mini Pinion gears
- (TLR7100) Rear Wheel White (2): 22
- (TLR7101) Rear Wheel Yellow (2): 22

# SPEKTRUM ESSENTIALS

Check out the latest Spektrum™ radios, receivers, accessories and more

Innovation is the backbone of Spektrum™ technology. No one has brought more pioneering products to radio control in such a short amount of time. From 2.4GHz to AS3X™ to AVC™ and SAFE™ technology, the revolution continues in radio control. Additionally, these ground-breaking electronics are quickly becoming the standard in a wide variety of aircraft, transmitters, receivers and more. With the Spektrum brand, you get outstanding performance at a great price.



## Spektrum DX6 6-ch with AR610 and transmitter-only versions

The DX6 has been designed from the ground up to deliver way more than expected from a 6-channel transmitter in its price range. The affordable DX6 gives you an abundance of programming features for airplanes, helicopters and sailplanes. You also get other extras like voice alerts, a wireless trainer link and enough internal memory for up to 250 models.

Item #  
SPMR6700  
SPM6700 w/AR610 receiver



## Spektrum DX6i system with AR610 and transmitter-only versions

The DX6i has always been a fantastic value in the eyes of sport pilots. It gives them the features they need such as true DSMX® 2.4GHz technology and 10-model memory, without making them pay for programming they'll never use. Even if your budget is limited, your transmitter options don't have to be.

Item #  
SPMR6630  
SPM6630 w/AR610 receiver



## Spektrum DX5e DSMX 5-Channel transmitter-only version

The DX5e radio brings together the unbeatable control of genuine DSMX technology with the simplest, easiest-to-use design available, letting anyone, from park fliers to students to instructors and more, take advantage of Spektrum technology for less. The new 3P Switch makes the transmitter compatible with SAFE technology and the Blade® 350QX.

Item #  
SPMR5520



### Spektrum DX4C DSMR 4-Channel AVC Radio with SR410 or SRS4210 AVC receiver

The DX4C DSMR™ 4-Channel AVC surface radio system puts the power of a Spektrum 2.4GHz computer radio and the stability of AVC (Active Vehicle Control™) technology well within reach of the most budget conscious driver.

Item #  
SPM4200 with SR410  
SPM4210 with SRS4210



### Spektrum AR636 6-Channel AS3X™ Sport Receiver

The AR636 receiver is perfect for enthusiasts interested in park flyers up to giant scale aircraft that want to take advantage of AS3X technology and stabilisation. Programmable from mobile devices (iOS and Android) as well as PC's--easy setup at home or at the field.

Item #  
SPMAR636

### Spektrum A6260 HV Digital Hi-Torq Metal Gear Aircraft Servo

Featuring 382 oz-in of torque and a transit speed of .14 sec/60° at 8.4V, the A6260 offers impressive performance for giant scale models. The quick release for servo leads simplifies wiring and maintenance while the aluminium centre section case doubles as a heat sink to keep the motor cool.

Item #  
SPMSA6260



### Spektrum H6200 HV Digital High Speed Heli Cyclic MG Servo

The H6200 is a high voltage, digital, high speed cyclic servo for 550 to 700 size helis. This servo is purpose built for flybarless helicopters and allow for easy, clean wiring with quick release servo leads.

Item #  
SPMSH6200



### Spektrum TM1000 DSMX Full-Range Aircraft Telemetry Module

The TM1000 telemetry module transmits important flight information to aircraft telemetry compatible transmitters such as RF link performance, receiver battery pack voltage, and temperature information. The TM1000 telemetry module can also provide flight pack information, which could include the flight pack battery for electric-powered aircraft, or ignition batteries in gas engine-powered aircraft.

Item #  
SPM9548



### Spektrum SRS4210 DSMR AVC Surface Receiver

Now get stability control for ANY vehicle! You can have the stability control of AVC (Active Vehicle Control) technology in any vehicle just by adding the SRS4210 receiver and binding it to an AVC compatible transmitter.

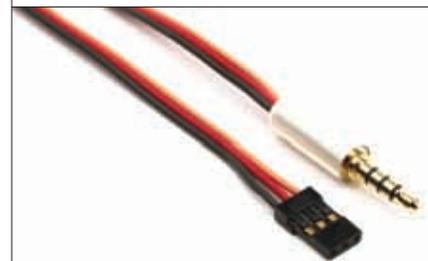
Item #  
SPMSRS4210



### Spektrum USB-Interface: AS3X Programmer

The interface is intuitively designed for simple navigation and painless programming. The USB connector is 48 inches long to make it easier to use a PC or laptop.

Item #  
SPMA3065



### Spektrum Audio-Interface: AS3X Configuration Programmer

The lightweight and compact programmer is designed to plug into an Apple or Android device to provide easy programming in the field.

Item #  
SPMA3080

# Quick Hits

Great value option parts and accessories from your favourite brands.



## Blade® 350 QX Carry Case

Designed specifically for the Blade® 350 QX and accessories, this standard aluminium case is made similar to our other helicopter cases and features pre-cut foam for the 350 QX and several accessories with storage slots available for tools, props or chargers.

ITEM#: **BLH7849**



## Venom-Atomik Radio Transmitter Bag for Spektrum™ DX9

This bag has a bold, sleek look and is moulded from durable Grey EVA with bright orange accent piping to match Spektrum colours. This transmitter bag was specifically designed to hold the DX9 and is the perfect solution for keeping your valuable investment clean and damage free during transit and storage.

ITEM#: **VNR2037**



## Dynamite® Reaction™ 7.4V-14.8V 80C LiPo Batteries

The new Dynamite 80C Reaction Li-Po Battery packs represent the best in power and performance for the everyday RC enthusiast. Whether a serious backyard basher or an entry-level racer, these 80C packs provide the power needed to get the most out of any RC vehicle. Ranging from 2S, 3S and 4S packs, all with an 80C discharge rate at capacities up to 6400Kv, just about any 1/10- or 1/8-scale surface application is covered.

ITEM#  
**DYNP4008D-P4011T**



*\*prototype shown*



#### Dynamite® Prophet™ Sport Duo, 50Wx2, LiPo / NiMH Charger

With a 50W/6A per channel charging circuits the Prophet Sport Duo is a small-in-size charger but a double powerhouse for all types of RC batteries. Fitted with an easy to read coloured LED screen and a simple to navigate menus system, the Prophet Sport Duo is one awesome package.

ITEM#: **DYNC2020**

#### Team Losi Racing Cab Forward Body & Wing Set: 22-4

The aggressive Cab Forward body design and 6.5" medium downforce wing increases the front end grip and overall traction of the 22-4 buggy for more steering at low speed and on high grip surfaces.

ITEM #  
**TLR330003**



# Quick Hits

Great value option parts and accessories from your favourite brands.



## New ECX™ RTRs

The 2WD ECX™ Torment™ SCT, Ruckus™ Monster Truck, Boost™ Buggy and Circuit™ Stadium Truck now come equipped with a new ESC, featuring a user-friendly Li-Po cut-off ESC. Each vehicle comes Ready-to-Run with a Spektrum™ DX2E 2.4GHz radio system and waterproof receiver for extended range and interference-free operation.

ITEM#	DESCRIPTION
ECX03020 - 03021	CIRCUIT 1:10 2WD STADIUM TRUCK: RTR
ECX03022 - 03023	RUCKUS 1:10 2WD MONSTER TRUCK: RTR
ECX03024 - 03025	BOOST 1:10 2WD BUGGY: RTR
ECX03026 - 03027	TORMENT 1:10 2WD SCT: RTR

## Dynamite CA Adhesives

No matter what you're working on these adhesives are excellent for just about any RC build, modification or repair for surface, air and even marine applications depending on the bond needed. Available in an assortment of viscosities with options including Foam, adhesive and debonder.

**Item #**  
DYNK0025-K0056



## Vaterra Adjustable Camber Upper Suspension Arm Set V-100

Adjustable upper suspension arms allow for camber adjustment which can be used to dial in the chassis for racing or drifting.

**Item #**  
VTR334016

### Dynamite® WP 60A FWD/REV Brushed ESC

This NiMH and Lipo compatible ESC features an all weather operation with program functions changed with the use of jumper pins. It's pre-wired with EC3 battery connector and RTR compatible motor bullets. The 8T motor limit is perfect for upgrading to many RTR's. The small footprint allows for the ESC to fit into the tightest areas.

ITEM#  
DYN52210



### E-flite® EFC™-721 720p HD Video Camera

The E-flite® EFC™-721 HD Camera is an ideal aircraft accessory that can provide full-colour still photos and video footage. Its lightweight design makes it perfect for use with just about any parkflyer airplane or helicopter and there are no special mounting requirements. With the provided servo wire lead, operating the still and video modes can be controlled remotely using any open receiver channel, or simply set the manual controls provided. The included 2GB memory card has the ability to capture multiple videos with sound and hundreds of photos long before the internal Li-Po battery will drain down.

ITEM#  
EFLA801

### Spektrum™ DX4e DSMX 4-Channel Full Range Transmitter mode 2/4 & 1/3

These are replacement Mode 2/4 and 1/3 transmitters for RTF aircraft. The mode is changed with a switch on the transmitter.

Item#	Description
SPMR4400	Mode 2/4
SPMR44001	Mode 1/3



### Dynamite High Performance Small Block 2-Cycle Oil: 282cc

Developed specifically for the .31 gas engine (DYNE0500) that is included in the Losi® LST XXL-2 RTR. It comes in a 240cc bottle to treat one gallon of gasoline.

Item #  
DYNE4105



# Quick Hits

Great value option parts and accessories from your favourite brands.

## Losi® Tuned Exhaust Pipe. 23-30cc Gas Engines: DBXL

The race-inspired exhaust provides drivers with increased power and performance. The oversized pipe not only looks great, but creates a racer like exhaust tone that's thrilling every time for driver and spectator alike.

**Item#**  
LOS55000



## Team Losi Racing™ Bell Crank, Steering System w/ HDWR 22/2.0/T/SCT

The bell crank steering system provides a reduced amount of Ackermann throughout the turning throw making the vehicle less aggressive off-centre and adding steering lower speed due to an increased outside wheel angle. The system installs onto the TLR 22, 22 2.0, 22T, or 22SCT without any modifications to the front bulkhead, servo mounts, or servo location.

**Item#**  
TLR231027



## Team Losi Racing™ Ft Spindle Carrier 15 Deg, +2mm, Alum: SCTE

Made out of lightweight hard anodised aluminium, the spindle carrier adds 15 degrees of caster for more weight transfer to the rear end. Spindles raised up 2mm for better bone plunge angle (requires an additional 2mm shock end unthreading)

**Item#**  
TLR334017



### Dynamite Ratio Rite Measuring Cup

The original liquid measuring cup takes the guess work out of pre-mixing. The easy to read markings (ratios from 16:1 to 44:1 for 1, 1-1/2, 2, and 2-1/2 gallons) help get the perfect mix every time.

**Item #**  
DYNT4000

### Evolution 62GX Propeller Drill Guide

With this drill guide, it makes it easy to drill holes accurately and safely. Made from hardened steel, the guide includes all the necessary components and is guaranteed to match the propeller drive washer.

**Item #**  
EVOA122

### ECX™ 2WD Aluminium Aftermarket Parts

These direct replacement parts feature an anodised finish using high grade aluminium for a custom look and increased durability.

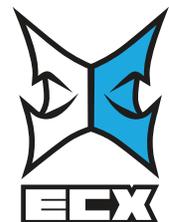
Item#	Description
ECX332000	Wheel Hex Set, Aluminium, 1:10 2WD Boost/Circuit
ECX332001	Wheel Hex Set, Aluminium, 1:10 2WD Ruckus/Torment
ECX334000	Rear Hubs, Aluminium, 1:10 2WD ALL
ECX334001	Caster Block, Aluminium, 1:10 2WD ALL
ECX334002	Caster Block, Aluminium, 1:10 2WD ALL



### ECX™ Revenge Type e™ Buggy

From the bulletproof chassis to the impressive Dynamite® power systems, the 1/8-scale Revenge Type e™ has all the makings of an unstoppable warrior with high-powered performance to match and none of that is changing.

**Item#**  
ECX04000



# FIRST PERSON VIEW

## What is FPV?

First-person view is the ability to see from the vehicle or aircraft in operation. Like aerial photography, instead of watching later, users can watch the action as it's happening and make real-time changes. Video goggles immerse the driver/pilot of an FPV-equipped model into the experience because the headset places two miniature LCD displays with special optics in front of their eyes. Like watching the big screen in a dark theater, users get the feeling of actually being in the captain's chair or driver's seat. Best of all, the user can see the on-board action and control the vehicle at the same time.

But the headset is only one part of the package. The receiver in the headset gets the signal from the transmitter connected to the camera on the model. This is where the whole setup can get confusing, and that's where Horizon Hobby is jumping in to make this incredible experience easy. In addition, all the FPV equipment available from Horizon Hobby is fully compatible with the current Spektrum™ 2.4GHz technology used to control the RC vehicle or airplane.

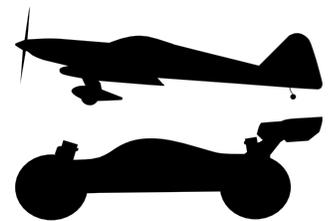






## Put yourself in the pilot's seat with one of the fastest- growing RC interests

It's not unusual for a hobby trend to grow like gangbusters because some guru with scraps found in the garage turned on a soldering iron. **First-person view (FPV) technology** started very much the same way; however successfully obtaining all the necessary components for a working system requires a great deal of research and variety of resources. That's no longer the case. Horizon Hobby has teamed up with two leaders in the FPV market—Fat Shark™ and Immersion RC™ so you can have a single FPV resource for all your FPV needs.



**IN THE AIR AND ON THE GROUND:** FPV technology puts the user in the driver's seat of their surface vehicle or the captain's chair of their aircraft.



## Horizon Hobby makes FPV hassle-free

Our exclusive bundles are the best place to start, plus a wide list of accessories and replacement parts are supported. First-time FPV users will want to choose our exclusive **Fat Shark Attitude Video Bundle**. It includes everything needed for an FPV experience that's ideal for park-size environments. Our exclusive **Dominator V2 Bundle** is great for the FPV-savvy user because it's a modular system built upon a pro-quality headset capable of operating on different frequencies and power levels. The Dominator will grow with the user and take advantage of the growing line of accessories both Fat Shark and Immersion RC have.

You don't have to be an electronics expert to have a successful FPV experience. Our Fat Shark bundles have been exclusively packaged with features that make FPV as simple as possible. Plus there are ways to customise the ride and stretch the limits. We have the components to help users get there too.

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Fat Shark and Immersion RC are best known for making high-quality FPV components to suit a wide range of needs. Now teamed with Horizon Hobby, getting into FPV has never been so easy.

- Every FPV component Horizon Hobby sells is FCC compliant
- The exclusive Fat Shark bundles feature full replacement parts support
- Every FPV component available is plug-n-play
- The FPV components available from Horizon Hobby will not interfere with Spektrum 2.4GHz flight control systems

Fat Shark // FSV2300

# Attitude V2 Bundle

The Fat Shark FSV2300 Attitude V2 bundle is assembled exclusively for Horizon Hobby. It's great for getting started in FPV because the components plug together—no soldering is required, making it practically plug-and-play and the range it offers is perfect for park settings. The Attitude headset itself features the Immersion RC SpiroNET antenna for outstanding reception, a built-in 3-axis head tracker and 5.8GHz receiver. Its optics display a 35° field of view at a resolution of 640 x 460. The fixed 600TVL camera and 5.8GHz transmitter included are lightweight making them perfect for park flyer class aircraft or 1/10-scale surface vehicles plus we've included a power bus that conveniently connects to the JST-XH balance lead of the 2–4S Li-Po flight battery used to power the vehicle.

## FSV2300 Attitude V2 FCC Bundle

### KEY FEATURES

- > 5.8GHz frequency operation
- > Adjustable Inter Pupillary Distance (IPD) eye cups
- > Built-in 3-axis head tracker
- > Soft rubber eye cups block out ambient light
- > Sleek ergonomic design with a rubberised texture shell
- > Adjustable brightness and contrast
- > Standard headphone port and video input/output ports
- > Elastic head strap with battery holster
- > SMA antenna connector
- > Diopter option for farsighted users
- > 2–3S Li-Po compatible

### BUNDLE INCLUDES

Item #	Description
--	Attitude VGA headset with SpiroNET antenna <i>(bundle only)</i>
<b>FSV1202</b>	CMOS 600TVL fixed camera
<b>FSV1601</b>	FCC certified video transmitter with SpiroNET antenna
<b>FSV1410</b>	Spektrum Head Tracker data cable
<b>FSV1701</b>	1A 7V4 headset battery pack
<b>FSV1801</b>	Headset banana charger adapter

*\* Bundle also includes headset carry case and lens cloth*



## How do I get the best performance?

Vibration isolation is required for the control receiver to work properly. The first line of defense is to minimise vibration which will have the added benefit of improving video performance. Balance your propellers, check for bent shafts, and ensure motors or engines are securely mounted.



Fat Shark // FSV2400

# Dominator V2 Bundle

The exclusive Fat Shark FSV2400 Dominator V2 bundle is ideal for the FPV enthusiast who is familiar with the FPV experience and wants a headset system with the quality and versatility that allows growth and upgrades down the road. It offers high-quality optics that deliver a 45° field of view. In addition to watching, the built-in DVR accepts a Micro-SD card so the action can be recorded. Other options include long-range operation on either 1.3 or 5.8GHz, a head tracker port that accepts a range of modules as well as other video-out capabilities.

## FSV2400 Dominator V2 Bundle

### KEY FEATURES

- > Modular design for frequency and display versatility
- > DVR capability with Micro-SD card port
- > Includes standard video cable, carrying case and lens cloth
- > Headset LiPo battery and charger included
- > Adjustable Inter Pupillary Distance (IPD) adjustment and diopter option
- > Soft rubber eye cups block out ambient light
- > Adjustable brightness and contrast
- > Standard headphone port and video in/out ports
- > Elastic head strap with battery holster
- > SMA antenna connector
- > 2-3S Li-Po compatible

### NEEDED TO COMPLETE

Video Receiver and Antenna  
 Video Transmitter and Antenna  
 Battery Tap with cables  
 VGA or HD Camera

### OPTIONAL ADD ONS

Head Tracker Module  
 On Screen Display System  
 Multi-axis Camera Gimbal  
 Micro-SD memory card



Immersion RC components make it possible to expand the FPV experience and are compatible with Fat Shark headsets.

Item #	Description
IRL2101	600mW 5.8GHz A/V transmitter
IRL2102	25mW 5.8GHz A/V transmitter
IRL2201	EzOSD, on-screen display system with GPS
IRL2301	Pair of SpiroNET 5.8GHz CP antennas
IRL2302	SpiroNET 5.8GHz CP patch antenna
IRL2401	5.8GHz Uno5800 V2 A/V receiver

## FPV quick tip

When flying FPV, one of the most intriguing aspects of flight is doing low “map of the earth” flying. While this is entirely practical for short ranges, it’s important to understand the range of your system will be much shorter close to the ground than a few hundred feet up.

# Unbeatable Customer Service and Support.

If it says Horizon Hobby on the box, you can rest assured that your product is backed by the best customer service and support in the industry. Our sales, product support and service centre teams have decades of combined RC experience and stand ready to help you get the most from whatever Horizon Hobby® product you buy.

## We're driven to make our service and support second to none

Horizon Hobby gives you a number of options to connect with sales and service professionals, whether you are new to the hobby, a lifelong modeller or a competition-level expert.

When you call or write into us through our website, Facebook® page or YouTube® channel, the connection instantly links you to real people who are as passionate about the hobby experience as you are. Likewise, we have a passionate support staff that's empowered with the ability to find creative solutions to suit your exact needs. Sometimes this means connecting you with a dealer from our extensive family to find that rare part for your car, or taking a walk over to our product development centre to consult on a special issue.

You can also connect with us at hundreds of RC events worldwide, where you'll find Horizon Hobby Team members having fun just like you. If you see one of our people in their bright blue shirts, please share your experiences with Horizon Hobby products and feel free to ask questions. Talking with you is something they always enjoy—especially if it helps you have more fun with the hobby.

Since the day Horizon Hobby opened for business decades ago, our customers have been the number one priority. We're driven to make our service and support second to none, and we're always working to keep getting better.





## Come see us at an event near you

In the second half of the year, you'll find us at all the larger model fairs throughout Europe. It's your chance to see, touch and feel the latest Horizon Hobby products. With a little luck, you can even watch or experience them in action at one of our "try-me tracks" or at the shows' air fields. Come visit us, meet us, ask us whatever you want. We're happy to help. See you soon!

### GERMANY

**Date:** 3rd – 5th October 2014  
**Name:** Modell – Hobby – Spiel  
**Place:** Leipzig  
**URL:** [www.modell-hobby-spiel.de](http://www.modell-hobby-spiel.de)  
**Specials:** Horizon Test Track; Race of Champions in combination with the DMC; DELTA RAYce Horizon Hobby vs. DMFV

**Date:** 31st October – 02nd November 2014  
**Name:** Faszination Modellbau  
**Place:** Friedrichshafen  
**URL:** [www.faszination-modellbau.de](http://www.faszination-modellbau.de)  
**Specials:** FMT Indoorflugshow by Horizon Hobby

### AUSTRIA

**Date:** 23rd – 26th October 2014  
**Name:** Modellbau Messe  
**Place:** Vienna  
**URL:** [www.modell-bau.at](http://www.modell-bau.at)

### ITALY

**Date:** 22nd – 23rd November 2014  
**Name:** Model Game  
**Place:** Bologna  
**URL:** [www.modelgame.it](http://www.modelgame.it)  
**Specials:** TLR 22 CUP; Horizon Hobby Flying Arena

### UK

**Date:** 23rd – 25th August 2014  
**Name:** BMFA Nationals  
**Place:** RAF Barkston Heath  
Grantham  
**Date:** 13th -14th September 2014  
**Name:** Southern Model Show  
**Place:** Headcorn Aerodrome, Headcorn  
Ashford, Kent



## FIND US ONLINE

Come join the Horizon Hobby community on Facebook, YouTube and Twitter.

MAKE EVERY FLIGHT FEARLESS.



SAFE™

For more information  
on the entire lineup  
of SAFE technology-  
equipped aircraft,  
SEE PAGE 4



AIRPLANES

HOBBYZONE® DELTA RAY™



QUADCOPTERS

BLADE® 350 QX



HELICOPTERS

BLADE® 200 SR X

HORIZON  
H O B B Y

Bringing you the **Best Brands** in RC

BLADE

parkzone

Eflite

hobbyzone

HANGAR 9

REVOLUTION

SPEKTRUM

VATERRA

TLR  
TEAM LOSI RACING

LSI

ECX

dynamite

PROBOAT

ZP

EVOLUTION

