



Ripmax

NEW ITEMS 2015





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Welcome to the Ripmax New Items Catalogue 2015! It's packed with a wide selection of the most exciting new items from around the world. Chris Foss has been busy again releasing new variations of his classic designs. Black Horse have 9 new models ranging from .46 sized Hawker Hurricane to a 6m Fox glider! The ever popular DHK range has increased with the addition of the Crosse and Shogun. After a long and exhaustive testing program, the Ripmax Quantum range has been expanded to include 'Quantum II' motors and a range of aero ESCs. Futaba have concentrated on car radios this year with the new 4GRS stick radio and the all 'singing and dancing' 4PX, as well as developing more telemetry accessories like the TMA-1.

With new products from Black Horse, Futaba, Joysway, Deluxe Materials and more, it really is all in here!

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NOTE: Unless clearly identified as 'Included' in the specifications or text, all models are supplied without radio and power system (I.C. engine or motor) and require further items to complete. We may offer recommendations as to suitable motors, engines and radios for the models we are featuring but these are not included.

Most of the models shown are supplied Almost Ready to Fly or operate and only require final assembly.
For further information see www.ripmax.com

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Black Horse Messerschmitt BF109E .61

£369.99
Part Number: A-BH146

More than just a scaled down of the 33cc version, Black Horse have kept all the good features as well. That characteristic aggressive shape remains faithful to scale where possible yet, still provides the performance and handling of a much more stable sports style model. By fitting a .61 size 2-stroke or .91 size 4-stroke engine, this new Bf109E will really sparkle and most of the engine will fit inside the cowl as well. Electric motor setups are also possible. Air retracts and a set of oleo struts are included and flaps are also standard. That fabulous scale colour scheme is recreated in authentic colours.

Wingspan: 1650mm (65") **Radio:** 6 Channel (Required)
Length: 1480mm (58.3") **Servos:** 8 (Required)
Weight: 4kg (8.8 lbs) **Engine:** .61 - .91 (Required)
Retracts: (Included)

Electric Setup (Optional)

Motor: Quantum 2 61 (Required)
ESC: Quantum 80A (Required)
Battery: 6S 5500mAh 30C (Required)



Black Horse Hawker Hurricane II .46

£259.99
Part Number: A-BH147

Most Hurricanes of this size are usually semi-scale. The Black Horse Hurricane .46 size is far from semi-scale. Just look at that curving fuselage and cowling plus correctly shaped, flat top wing. Those beautiful exhausts stacks really add to the realism. Everything possible has been reproduced to match the real aircraft's character without spoiling the need for safe, predictable flying characteristics. Using a .46 2-stroke or a .70 4-stroke will be enough to haul this Hurricane around with authority and that Battle of Britain scheme is something to behold. The undercarriage is supplied fixed, but retracts can be fitted if required.

Wingspan: 1520mm (59.8") **Radio:** 4 - 5 Channel (Required)
Length: 1240mm (48.8") **Servos:** 5 (Required)
Weight: 2.8kg (6.16 lbs) **Engine:** .46 - .70 (Required)
Retracts: (Optional)


Electric Setup (Optional)

Motor: Quantum 2 55 (Required)
ESC: Quantum 60A (Required)
Battery: 5S 4500mAh 30C (Required)



Black Horse Supermarine Spitfire MkIX .61

£399.99
Part Number: A-BH149

From every angle she is certainly a Spitfire! Whether it's the fabulously multi-curved fuselage or those famous elliptical wings, there is no doubting this is a real thoroughbred. Those complex shapes are all created in ply and balsa wood using the techniques that Black Horse has developed over the years. The authentic colour scheme is printed on self-adhesive vinyl and expertly applied in the factory. Even the best modellers would struggle to match the construction and keep her so light as well. Strap in a .61 2-stroke or even the new OS GGT-15 to really carve up the sky. Air retracts and oleos are included with the model.

Wingspan: 1730mm (68.1") **Radio:** 6 Channel (Required)
Length: 1520mm (59.8") **Servos:** 8 (Required)
Weight: 4.24kg (9 lbs) **Engine:** .61 - .91 (Required)
Retracts: (Included)

Electric Setup (Optional)

Motor: Quantum 2 61 (Required)
ESC: Quantum 80A (Required)
Battery: 6S 5500mAh 30C (Required)



Black Horse Hawker Seafury FBII .46

£259.99
Part Number: A-BH148

Some shapes look good small or large and the new Black Horse Sea Fury .46 size packs so much into such a compact sized model. From a few yards away, it would be hard to tell it from its much larger sibling. No flat fuselage sides and bottom here, just sexy curves and an aggressive looking radial engine cowl. That cowl has the added bonus of hiding most of any engine that you fit yet provides really good cooling for warm days. Just like the real one, the wings have multi-sections and that semi-elliptical shape giving docile handling at low speed. Undercarriage is fixed but retracts can be fitted if required.

Wingspan: 1460mm (57.5") **Radio:** 4 - 5 Channel (Required)
Length: 1350mm (53.2") **Servos:** 5 (Required)
Weight: 3.2kg (7.04 lbs) **Engine:** .46 (Required)
Retracts: (Optional)


Electric Setup (Optional)

Motor: Quantum 2 55 (Required)
ESC: Quantum 60A (Required)
Battery: 4S 4500mAh 30C (Required)



Black Horse MIG 29 EDF

£799.99

Part Number: A-BH153



**Twin
90mm
EDF!**

The Mig 29 was the last of the modern era fighters not to use computer stabilisation. Just like the real one, this Mig 29 really 'grooves' around the sky with serious authority. The complex balsa and ply structure wraps around two 90mm EDF power units of your choice (not included) to provide serious thrust. She is compact enough to transport by just removing the wing panels, so there is no need to disturb any of the electronics and she assembles fast when you get to the field. Retracts are not included, but CNC scale oleo legs are.

- CNC Balsa and Ply Construction
- Optional Retracts
- Pre-Covered Scale Colour Scheme
- Fitted with Flaps for Slow Flight

Wingspan: 1420mm (55") **Radio:** 9 Channel (Required) **EDF:** 90mm (Required)
Length: 2030mm (79.9") **EDF:** 90mm (Required) **ESC:** 2 x 80A (Required)
Weight: 7.8kg (17.16lbs) **Servos:** 11 (Required) **Battery:** 2 x 6S 5500mAh 30C (Required)



Black Horse Fox Glider 6m

£1399.99

To most glider pilots, the Fox is the very pinnacle of aerobatic performance. There is almost nothing this aircraft can't do. Both positive and negative 'G' manoeuvres are in the repertoire. At a massive 6M span, this is one serious model with an immense presence. That complicated shape is expertly re-created by Black Horse in balsa and ply. You would be hard pushed to realise it was not moulded! To be practical at most fields, this Fox can be powered by an electric motor for self-launching. It's just as well, because she would need a serious tug to get airborne. Transportation is no problem as it can be disassembled into practical sized components.

- Suitable for Electric or Glider Flight
- Huge 6 Metre Wingspan!
- CNC Balsa and Ply Construction
- Covered in High Quality Oracover Film
- Dolly Included for Takeoff!

Part Number: A-BH152



Take off dolly included!



**Huge
6M Wingspan!**

Wingspan: 6000mm (236.2") **Servos:** 9 (Required)
Length: 3200mm (126") **Motor:** 180 Size (Required)
Weight: 18kg (30.96 lbs) **ESC:** 120A (Required)
Radio: 6 Channel (Required) **Battery:** 12S 5500mAh (Required)



Note: Collection from Ripmax premises only because of its size

Black Horse Super Decathalon

£599.99

Part Number: A-BH150



- Pilot Included
- All Rigging Included
- Fully Aerobatic
- CNC Balsa and Ply Construction
- Fibreglass Cowl and Wheel Spats
- Pre-Covered in High Quality Oracover Film

The Super Decathalon has always been a firm modelling favourite and this version is usefully big enough to act as a glider tug if required. Tugging is a common function of the real airplane so it seems only fitting! Even with a 33cc petrol engine and full R/C complement installed, she still only has a 77g/dm² wing loading, so keeping to scale speeds is no problem at all for this model. Scale details like those complex wing struts and tail supports are all there for the discerning modeller.

Wingspan: 2540mm (96.5")
Length: 1750mm (68.9")
Weight: 7.5kg (16.5 lbs)
Radio: 5 Channel (Required)
Servos: 6 (Required)
Engine: 33cc Petrol

Black Horse Pilatus PC-9 33cc

£749.99

Part Number: A-BH151

The PC-9 is one of the main, modern trainer aircraft for pilots intending to progress to jets. Like its full-size counterpart, the Black Horse 33cc version is a practical and impressive size and intended to use petrol engines like the OS GT-33. Features such as a set of tricycle air retracts with functioning oleo legs are included as standard, making her practical from most flying field surfaces. The highly effective flaps add to that practicality. Inside there are amazingly detailed dual cockpits with one detailed and authentic looking pilot. Just imagine how long that would take to do yourself. Fortunately, Black Horse have done it for you!

- CNC Balsa and Ply Construction
- Flaps are Standard
- Retracts Included
- Pre-Covered in Oracover Film

Wingspan: 2000mm (78.7")
Length: 2015mm (79.3")
Weight: 7.8kg (17.16lbs)
Radio: 8 Channel (Required)
Engine: 33cc Petrol
Retracts: (Included)
Servos: 10 (Required)



Black Horse Proctor 90mm EDF

£369.99

If you are looking for a jet style model that will not scream around the sky at mind boggling speeds, and have perfect landing manners and look the part, then the Black Horse Proctor is the one for you. Styled on trainer jets of the late 1950s with a colour scheme to match, the Proctor makes the ideal introduction into the bigger EDF size of models. She needs one of the popular 90mm EDF power units (not supplied) but comes as standard with provision for retracts of your choice. Oleo legs are included.

- CNC Balsa and Ply Construction
- Optional Retracts
- Bright US Navy Inspired Scheme
- Large Access Hatch for Batteries



Wingspan: 1360mm (53.5")
Length: 1480mm (58.3")
Weight: 3.6kg (7.92 lbs)
Radio: 6 Channel (Required)
Servos: 7 (Required)
Retracts: Electric (Required)
EDF: 90MM (Required)
Motor: Brushless (Required)
ESC: 80A (Required)
Battery: 6S 5500mAh Li-Po (Required)

Part Number: A-BH154

Ripmax Chris Foss Wot4 Foam-E Mk2+

£134.99

Part Number: A-CF020A

Ripmax

WOT4

FOAM-E

Mk2+ BY CHRIS FOSS



Z-CF020/12B Wot4 Foam-E Mk2+ Decals Blue/Black

£9.99



Z-CF020/12C Wot4 Foam-E Mk2+ Decals Yellow/Red/Black

£9.99

Chris Foss' ever popular Wot4 Foam-E Mk2 has been updated into the MK2+. The previous Wot4 Foam-E gained a reputation as the ultimate foam sports model and the Mk2+ builds on that. Like the previous version, the Mk2+ only requires minor assembly to get airborne.

The colour scheme has been changed from the previous blue, black and white scheme to a new modern 'easy to apply' scheme in the yellow, orange and red that are synonymous with Chris' classic designs.

Buried inside the structure there are numerous changes to the internal design. The tailplane has been re-designed for improved styling with solid tips and inset elevators yet still provides good power. The tailwheel has also been re-designed to be bolted on, allowing easy removal if broken. If you want your Wot4 Foam-E to really stand out, then you can customise it using one of our option decal kits. (Available separately)

- Re-Designed Tailplane and Elevator
- New Bright Colour Scheme
- Modified Internal Structure
- Option Decal Kits Available
- Removable Tail Wheel



Wingspan: 1205mm [47.4"]
Length: 1050mm [41.33"]
Weight: 1100g [2.43 lbs]
Radio: 4 - 5 Channel (Required)

Servos: 4 x 9g Micro (Included)
Motor: Outrunner Brushless (Included)
ESC: 40A Brushless (Included)
Battery: 3S 2200mAh 30C (Required)

Ripmax Chris Foss Wot4 EP/GP

TBA

Part Number: A-CF002/A



Electric Setup

Motor: Quantum II 55 (Required)

ESC: Quantum 60A (Required)

Battery: 4S 4500mAh 30C Li-Po (Required)

I/C Setup

Engine: .40 - .53 2-Stroke Glow (Required)

The ever popular WOT 4 ARTF has been given a makeover for 2015, the primary aim being to make it suitable for either I/C or electric power. A large hatch with a spring loaded locking pin has been installed in front of the wing to allow access for flight battery changes – alternatively it also makes access for fuel tank and receiver battery installation simpler. A ply battery mount/tray system is supplied, which makes battery changes quick and easy, yet ensures that the battery is safely secured. To complete the new package the model adopts a new colour scheme in common with the smaller foam version, this being bright and attractive whilst aiding orientation.

- Suitable for Either Electric or I/C Power
- Large Hatch for Easy Access to the Flight Battery
- Pre-Covered in High Quality Heatshrink Film

Wingspan: 1334mm (52.5")

Length: 1185mm (46.5")

Weight: 2.25kg (4.96 lbs) Approx

Radio: 4 Channel (Required)

Servos: 4 - 5 (Required)

Power: Electric or I/C (Required)

Ripmax Chris Foss Acro Wot EP/GP

£139.99

Part Number: A-CF006



Electric Setup

Motor: Quantum II 55 (Required)

ESC: Quantum 60A (Required)

Battery: 5S 4500mAh 30C Li-Po (Required)

I/C Setup

Engine: .40 - .53 2-Stroke Glow (Required)

.70 - .80 4-Stroke Glow (Required)

In a similar manner to the WOT 4, the Acro Wot ARTF has been upgraded to allow either I/C or electric power to be used. New is a removable battery hatch forward of the undercarriage in the underside of the model. The flight battery pack is taped to a ply mounting plate that then is secured in the model with a tab and lock screw, allowing for extremely quick and easy fitment or removal of the battery. Performance with the recommended battery pack and motor is stunning, matching that of one of the more powerful I/C engines. Of course I/C power can still be used – with either power system the Acro Wot is a superb flyer, being precise and responsive, yet docile and easy to fly with reduced control movements.

- Suitable for Either Electric or I/C Power
- Pre-Covered in High Quality Heatshrink Film

Wingspan: 1505mm (59.3")

Length: 1200mm (47.3")

Weight: 2.3kg (5.07lbs) Approx

Radio: 4 Channel (Required)

Servos: 4 - 5 (Required)

Power: Electric or I/C (Required)

Ripmax Chris Foss Wots·Wot XL

£299.99

Part Number: A-CF009

Ripmax

wots·wot

BY
CHRIS FOSS

XL

**1.69 Metre
Wingspan!**



Wingspan: 1690mm (66.5")
Length: 1615mm (63.6")
Radio: 4 - 6 Channel (Required)
Servos: 5 - 6 (Required)
Engine: 25 - 35cc Petrol (Required)

When a model is as good as the Wots·Wot there is only one way to make it better – make it **BIGGER**, which is what we have done with the new Wots·Wot XL! The increase in size has resulted in even better handling, with amazing low speed stability alongside stunning aerobatic capability and precision.

Designed around the popular 25 - 35cc petrol engines but also suitable for larger glow engines the Wots·Wot XL has a fully built-up structure from precision CNC cut balsa and ply, the assembled model then being carefully covered in film, whilst the fibreglass cowling is painted to match.

To enable easy transport and storage the Wots·Wot XL is easy to assemble and disassemble, the moulded wing struts having a single attachment screw at each end, whilst both wing panels separate into two halves. Once disassembled, the Wots·Wot XL will fit into standard estate cars and many hatchbacks with room to spare.



- CNC Cut & Built-Up Structure
- Covered in Heatshrink Film
- Pre-Painted Fibreglass Cowling
- Aluminium Undercarriage
- Detailed Colour Manual

Suits 25 - 35cc Engines

Ripmax Chris Foss Acro Wot XL

£219.99

Part Number: A-CF008



The Acro Wot has been an amazingly popular model for many years now and the only improvement we could make was to make it larger – well here it is, combining the superb aerobatic abilities of the original model with the increased docility brought with the larger wing area and weight, this being particularly noticeable in the windy weather we seem to get so regularly. Primarily developed for petrol engines of 25 - 35cc, the Acro Wot XL can also be powered by suitable larger glow engines if preferred.

The light yet strong built-up structure is assembled from CNC cut balsa and ply components, the airframe then being covered in heat shrink film in this attractive colour scheme, the tough fibreglass cowling being carefully painted to match. The very complete kit includes all dedicated hardware, including control accessories, fuel tank, alloy undercarriage with wheels and even a high quality aluminium spinner!

To enable easy transport and storage the Acro Wot XL wing separates into two halves which allows it to fit into most hatchbacks, of course transport is even simpler in an estate car.

- Fully Built Up Structure from Balsa and Ply
- Covered in High Quality Heatshrink Film
- Pre-Painted Lightweight Fibreglass Cowling
- Detailed Colour Manual
- Aluminium Undercarriage
- New Bright Colour Scheme

Wingspan: 2000mm (78.7")
Length: 1620mm (63.8")
Weight: 5900g (13 lbs)

Radio: 4 - 6 Channel (Required)
Servos: 5 - 6 (Required)
Engine: 25 - 35cc Petrol (Required)



Ripmax Xcalibur Sport Jet



Xcalibur

Wingspan: 1855mm (73")
 Length: 1970mm (77.5")
 Weight: 7.9Kg (17.6lbs) (Dry)
 Servos: 7+ (Required)
 Radio: 6+ Channels (Required)
 Turbine: 50 - 100N (Required)

Now sporting three new schemes, the popular JSM Xcalibur has been developed to meet the need for an attractive, easy to fly yet fully aerobatic jet sport model suitable for a wide range of turbines.

RAF Display

This patriotic RAF scheme was inspired by the stunning 2012 RAF Hawk solo display colours, with the bright red and blue making it easy to see whatever the weather conditions. The underside is just as bright with a large centred roundel helping orientation in flight, the model just begging to have a smoke system fitted.

£574.99

Part Number: A-JSM001/R

Blue Angels

The United States Navy Blue Angels scheme looks good what ever model it is on and the Xcalibur is no exception. This version of the distinctive blue and yellow scheme takes inspiration from the A4 Skyhawks of the 1980's with the silver leading edge strips. The underside features bold yellow 'U.S. NAVY' text.

£574.99

Part Number: A-JSM001/B

Thunderbirds

The Thunderbirds are the pride of the United States Air Force and they always look resplendent in their red, white and blue colour scheme! Underneath JSM have faithfully recreated the iconic Blue Eagle motif with both film and paint resulting in a model that, looks as good upside down as the right way up!

£574.99

Part Number: A-JSM001/T

Protect your JSM Xcalibur wings, tailplane, booms and wing spar during storage and transport with these purpose-made bags.

Part Number: F-JSM001/WBAG



£49.99

Each bag is made from a tough non-rip material with a layer of padding.

Part Number: F-JSM001/TBAG



£69.99

Sport scheme also available



US Military scheme also available

Ripmax Xcalibur+ Jets



Xcalibur+

Wingspan: 2338mm (92")
Length: 2412mm (95")
Weight: 13.25Kg (29.15Lbs) (Dry)
Servos: 8+ (Required)
Radio: 8+ (Required)
Turbine: 80 - 160N (Required)



With the incredible success of the Xcalibur sport jet the next logical development was a larger version, after all, bigger model always fly better! Developed to suit 80 - 160N Newton turbines, the Xcalibur+ is quick and easy to assemble, with superb access to turbine and all of the onboard equipment due to the removable canopy hatch. The fuselage is moulded in epoxy/glass as is the slide on nosecone, whilst the remainder of the model is built-up from selected balsa and ply, before being covered in one of three attractive and easy to see colour schemes. Available to suit are a dedicated air up/down retract system complete with oleos, wheels, brakes and fill/operating valves etc, as well as a moulded fibreglass fuel tank of no less than 4.6 Litres, allowing plenty of flight time. Flight performance of the Xcalibur+ is superb, with a very wide speed range, amazing slow flight ability and stability, whilst being fully aerobatic, and with a turbine at the upper end of the power range, stunning acceleration and vertical climb qualities.

- Disassembles into 6 Parts for Easy Transport
- Pre-Painted Fibreglass Fuselage
- Large Removable Canopy for Easy Access
- Amazing Slow Speed Performance
- Suits Turbines Ranging from 80N up to 160N

A-JSM002/R	JSM Xcalibur+ (RAF Scheme)	£999.99
A-JSM002/S	JSM Xcalibur+ (Sport Scheme)	£999.99
A-JSM002/T	JSM Xcalibur+ (Thunderbirds Scheme)	£999.99

Developed specifically for the Xcalibur+, this air up/down system comes complete with trailing link oleos which gives superb shock absorbing qualities for less than perfect landings - or runways. Also supplied complete with wheels, brakes and ancillary parts.

With a huge 4.6 Litre capacity, this moulded fibreglass fuel tank is designed to fit into the Xcalibur Plus perfectly, and allows long flight times with minimal balance point shift as the fuel level reduces.

F-JSMLG/LRGTRIKE	JSM Trike Retract Set (10-20Kg)	£549.99	L-JSM002/FT	JSM Xcalibur Plus Fuel Tank (4.6 Litres)	£59.99
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Thunder Tiger Micro Comet RTF

£64.99

The Micro Comet is designed as an affordable micro trainer for both indoor and outdoor use. The electronics come pre-installed ready to use in the tough moulded foam airframe. The wing also attaches magnetically to aid quick assembly and pops off in crashes to reduce chances of damage. Supplied in RTF format the Micro Comet requires only minor assembly and charging for you to start flying.

- 'Ready to Fly' Micro Trainer
- 3 Channel SkyLink 2.4GHz Included
- All-In-One Speed Controller, Receiver and Servos
- Tough EPP Moulded Airframe
- Magnetically Attached Wing


Part Number: TT4381

Wingspan: 448mm [17.6"]
Length: 356mm [14"]
Weight: 47g [1.66oz]

Servos: 2 (Included)
Radio: 3 Channel (Included)
Li-Po: 1S 120mAh 15C (Included)



Thunder Tiger Micro Stick RTF

£64.99
Part Number: TT4383

This lightweight Micro Stick is perfect for indoor flying or outside on calm evenings and makes a great indoor trainer or lightweight sports model. The large lightweight EPS foam wing gives the Micro Stick a very low wing loading and produces large amounts of lift at the slowest speeds. Supplied in RTF format you only need to plug in the wings and attach the undercarriage to assemble.

- 'Ready to Fly' Lightweight 30g Design
- 3 Channel SkyLink 2.4GHz Included
- All-In-One Speed Controller, Receiver and Servos
- Slow Speed Stable Flying Characteristics

Wingspan: 392mm [15"]
Length: 402mm [16"]
Weight: 30g [1.1 oz]

Radio: 3 Channel (Included)
Motor: Brushed (Included)
Battery: 1S Li-Po (Included)



Thunder Tiger eHawk 600 RTF

£69.99

The eHawk 600 carries the DNA of the popular eHawk 1500 but in a lightweight ready to fly package. All the electronics are pre-installed in the sleek moulded plastic pod fuselage with a folding propeller to reduce drag. The wings and tails are moulded from foam to keep the weight to a minimum. Supplied in RTF format the eHawk 600 only requires minor assembly and charging to get airborne.

- 'Ready to Fly' Lightweight Glider
- 3 Channel SkyLink 2.4GHz Included
- All-In-One Speed Controller, Receiver and Servos
- Sleek Moulded Foam Glider Wing
- Efficient Folding Propeller

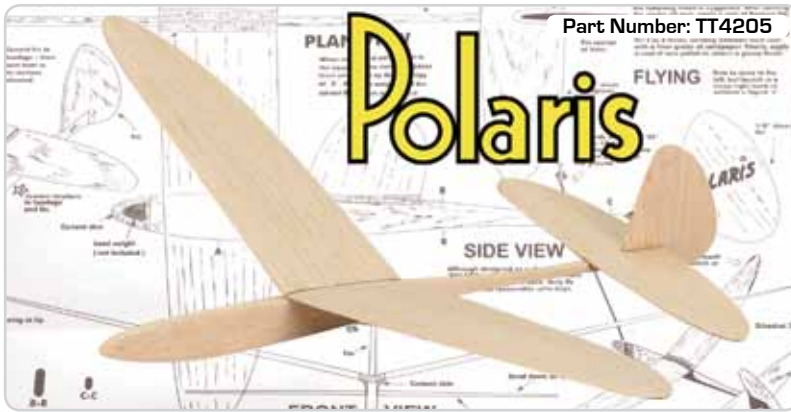

Part Number: TT4384

Wingspan: 629mm [24.7"]
Length: 483mm [19"]
Weight: 50g [1.76oz]

Radio: 3 Channel (Included)
Servos: 2 (Included)
Li-Po: 1S 150mAh 15C (Included)

Thunder Tiger Polaris Kit

£8.99



A great introduction into the world of model making, the Polaris glider by Thunder Tiger is both simple to build and a great performer in flight. Thanks to modern precision laser cutting all parts are pre-cut ready to start construction. The build is straight forward and thanks to careful selection of lightweight balsa weight is kept to a minimum.



Build Type: Traditional Kit
Wingspan: 508mm

Material: Balsa
Weight: 25g

Thunder Tiger Conquest Kit

£13.99

The Conquest glider has been designed with modern construction techniques for a new generation of modellers to experience the fun of tow-line gliders. As with the original, the new Conquest is designed for easy construction with its simple balsa sheet fuselage sides and the large 760mm wingspan ensures stunning performance should you find a thermal. Thanks to modern precision laser cutting all parts are pre-cut to ensure quick assembly and a perfect fit.



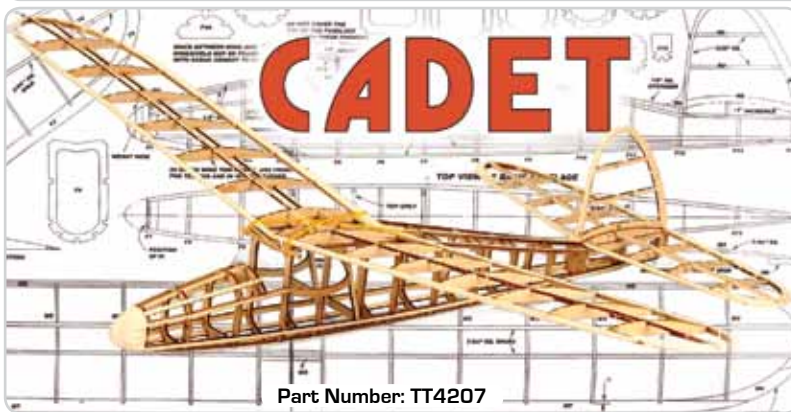
Build Type: Traditional Kit
Wingspan: 760mm

Material: Balsa
Weight: 71g



Thunder Tiger Cadet Kit

£14.99



The Cadet uses a traditional balsa stringer construction, the fuselage is built in both halves on the plan and joined together for a lightweight strong design. As with the other Thunder Tiger glider kits the parts are precision laser cut from balsa wood for a perfect fit first time. The fuselage is also big enough to fit micro radio control equipment if you so choose.



Build Type: Traditional Kit
Wingspan: 760mm

Material: Balsa
Weight: 64g

Thunder Tiger Wisp Kit

£9.99

A step up from the Polaris but with simpler construction than the Conquest the Wisp is a great introduction to built up balsa kits. The fuselage is sheet balsa for strength but the wings are built up like the more advanced kits but a simplified design makes them less daunting for a first time builder. Like the other kits laser-cut parts help to speed up build time and make the build easier.



Build Type: Traditional Kit
Wingspan: 508mm

Material: Balsa
Weight: 71g



Joysway Mini Eaglet V2 Seaplane RTF

£64.99

The Joysway Mini Eaglet V2 Seaplane follows in the ripples that its predecessor created; namely a great value for money model with capabilities on land, sea and in the air!

The 2015 Version 2 boasts a revised colour scheme which is even more striking and will enable greater visibility everywhere.

Propelling this 145g foam model skyward is a 180 size brushed motor mated to a combined 5A ESC and receiver. The included 9.6v 320mAh LiPo battery enables good flight times and can be charged using the included USB & USB DC adaptor.

A 4 Channel 2.4GHz transmitter is included and is in the same sleek style as last years' Joysway models.

Simply purchase 4 'AA' batteries for the transmitter, charge up the LiPo and you'll be flying - and floating - in no time!



Part Number: A-JS-6301V2

Wingspan: 620mm (24.4")
Length: 538mm (21.1")
Weight: 145g
Radio: 4 Channel 2.4GHz (Included)

ESC: 5A ESC & Receiver (Included)
Motor: 180 Brushed (Included)
LiPo: 9.6v 320mAh (Included)
Charger: USB & DC Adaptor (Included)

Thunder Tiger X650 Super Hornet Kit

£799.99

Part Number: TT4000-K11

X650 SUPER HORNET

TT
Robotix



Folding Arms

**Professional Level
Quadcopter**

**Includes
Carbon Frame,
Motors, ESC
and Propellers**

Length: 460mm (18.1")
Width: 460mm (18.1")
Weight: 3200g (7.05 lbs)
Radio: 2.4GHz (Required)
Motor: 4 x OBL M4114-320kv (Included)
ESC: 4 x 30A (Included)
LiPo: 22.2v 6S 5500 - 6000mAh (Required)
Duration: 18 Min @ 6000mAh

Ultra-stylish pre-painted model Drone in an aerodynamically optimized shape. Performance orientated, lightweight yet very stable, the Super Hornet X650 sets new standards! Thunder Tiger's engineers have used their decades of experience and success in the R/C helicopter field to create with the X650 something special. A copter as large as necessary but as compact as possible and also optimally designed for the addition of camera equipment of various capacities. With the use of a high capacity battery and a maximum weight camera the X650 still achieves flight times of 18 minutes. An extremely clever system allows for quick & easy folding for storage and transport.

- Enlarged Frame Plates Provide Abundant Space for Electronics
- Clean Looking Strong Design to Protect the Electronics
- Compatible with Many Major Flight Control Systems & Gimbals
- Foldable Arms Designed for Easy Packing and Transport
- Retractable Strong Carbon Fibre Landing Skids
- Under Mounted Battery Plate System for a Lower Centre of Gravity

Thunder Tiger Ghost+ Quadcopter RTR

£949.99

Part Number: TT4030-F11

GHOST⁺ TT Robotix



Thunder Tiger enters the exciting world of multirotors by storm! The new Ghost with its built-in inner damping, controllers, 3-axis gyroscope, 3-axis accelerometer and barometer, it can measure flying altitude and attitude for autopilot/automatic control. Intelligent power display system on the surface of the Ghost+ provides battery capacity check and anti spark design. You can also use standard LiPo batteries. Ghost comes with a professional WiFi module which has 2 built-in comms modes (Router and PP mode). The user can setup each mode depending on their preferences. The "Follow Me" function lets your drone follow you everywhere via a mobile device and app; it tracks your position and automatically follows you. No need for the controller! Finally, the Ghost has fully retractable landing skids meaning there are no obstructions to your in-flight shots.

- Flight Control System Including 3-Axis Gyroscope, 3-Axis Accelerometers & Barometer
- GPS Control System for Accurate Positioning
- Automated 'Follow Me' Function
- WiFi Communication
- Brushless Motors
- LED Colour Direction Indicators
- 810g Maximum Payload



Slide out battery box suits a variety of batteries

Easy to use 2.4GHz TT Robotix radio system included



THUNDER TIGER

Length: 450mm [17.7"]
Width: 450mm [17.7"]
Weight: 2250g [4.96 lbs]
Radio: 2.4GHz [Included]
Motor: 4 x 450kV [Included]
ESC: 4 x 30A [Included]
Prop: 4 x 11 x 5" [Included]
LiPo: 22.2v 6S 5500mAh [Included]

UDI U818A-1 Drone with HD Camera

£74.99

Part Number: A-U818A-1



The UDI U818A-1 Drone Camera Quad is an evolution of the U818A but it features a higher definition camera with stunning picture quality and resolution (1280 x 720px at 30FPS). It features the same excellent 2.4GHz transmitter, a clever 6 axis gyro (3 gyro + 3 accelerometer) stabilisation built-in to the on-board electronic system helping in the hover and smooth forward flight. The large rotors offer instant changes of direction and manoeuvrability. The tough moulded plastic surround around the propellers helps to reduce damage to the quad and whatever it might hit during use, whilst also aiding in orientation and looking cool in stealth black.

This version includes an on-board video camera that records onto the included 1GB Micro SD card. The transmitter controls the functions, and both video and still shots can be taken whilst in flight!

- Onboard HD Video Camera! (1280 x 720px @ 30fps)
- 6 Axis Gyro (3 Axis Gyro + 3 Axis Accelerometer)
- Tough Moulded Blade Protecting Frame

Length: 410mm (16.1")
Width: 410mm (16.1")
Weight: 820g (1.8 lbs)
Radio: 4 Channel 2.4GHz (Included)

LiPo: 9.6v 320mAh (Included)
Charger: USB (Included)
Camera Resolution: 1280 x 720px
Frame Rate: 30fps

UDI U830A Demon UFO with Stick Radio

£32.99

Part Number: A-U830A

The U830A is the same quadcopter as the U830 but instead of the gyro joystick controller it is supplied with a traditional style stick controller. The Mini UFO Quadcopter itself weighs in at only 36g and is not much bigger than the palm of your hand. The blades are protected by a tough framework improving safety when flying indoors. Below the motors are moulded rubber bumpers to protect from those less than perfect landings and to reduce sliding on tabletops etc.. A 6 axis gyro keeps everything under control and activate the roll mode and it is even capable of 360° flips for the adventurous.

- 6 Axis Gyro (3 Axis Gyro + 3 Axis Accelerometer)
- Moulded Blade Protectors
- Weighs Only 36g
- Compact Size
- Spare Blades Included
- Capable of Flips

Aerobatic

Supplied Ready to Fly



Length: 110mm
Width: 110mm
Weight: 36g
Gyro: 6 Axis
Duration: 6 - 7 min (Approx)
Radio: 4 Channel (Stick Type) (Included)

UDI R/C
U830A

 Supplied RTF
with Transmitter

UDI U839 Nano Quad 2.4GHz RTF

£29.99

**6-Axis
Stabilised**

U839 **UDI** **R/C**
Nano Quadcopter

Length: 88mm (3.5")
Width: 88mm (3.5")
LiPo: 1S 3.7v 150mah (Included)
Radio: 4 Channel 2.4GHz (Included)
Charger: USB (Included)

Palm Sized!

UDI have taken the proven technology of their larger quadcopters and shrunk it down into this Nano U839 drone quad. When set in advanced mode the U839 is incredibly nimble yet in the novice setting it is suitable for beginners to learn with thanks to the stability provided by the inbuilt 6 axis gyro. The battery is easily removable allowing you to have a spare and keep flying after you have used the first one. A compact 4 Channel 2.4GHz transmitter is included that uses the same battery as the quad itself allowing for quick recharging.



- Fully Assembled and Ready to Fly
- Three Control Settings (Novice, Intermediate & Advanced)
- Rechargeable Transmitter Battery

A-U839-O UDI U839 Nano Quad 2.4GHz RTF (Orange)

£29.99

A-U839-G UDI U839 Nano Quad 2.4GHz RTF (Green)

£29.99

UDI U840 Mini Nano 2.4GHz RTF

£24.99

So you thought Udi's U839 Nano Quad was small? Take a look at their new Mini Nano 2.4GHz - it redefines the word small! Don't think that the reduction in size reflects on quality - this model is every bit as agile as other UDI quad copters! Supplied ready to fly in a stylish presentation box it makes for the perfect gift - simply purchase 2 'AAA' batteries in order to get airborne.

- 4 Different Flight Combinations!
- 2.4Ghz Radio Included
- No Assembly Required!
- Six-Axis Gyro
- LED Lights

**Perfect for
Indoor Flying!**

Length: 65mm (2.5")
Width: 65mm (2.5")
Radio: 4 Channel 2.4GHz (Included)
Motor: 4 x Brushed (Included)
LiPo: 1S 100mAh (Included)
Charger: USB (Included)



A-U840-Y UDI U840 Mini Nano 2.4GHz RTF (Yellow)

£24.99

A-U840-R UDI U840 Mini Nano 2.4GHz RTF (Red)

£24.99

A-U840-B UDI U840 Mini Nano 2.4GHz RTF (Blue)

£24.99

UDI **R/C**

UDI U841 Nano RX4 2.4GHz RTF

£54.99

4 Quadcopters in 1



U841



HD Camera

Resolution: 1280 x 720px
Frame Rate: 30fps



Radio: 4 Channel 2.4GHz (Included)
Motor: 4 x Brushed (Included)
Charger: USB (Included)
Battery: 1S Li-Po (Included)
Camera: Included



The U841 is UDI's most versatile quadcopter to date because it can be built into 4 different configurations. Firstly there is a 'minimal' setup with no accessories, this gives you the optimum flying performance and least weight. Then you can add the guards to that for added protection as you get used to it or for flying indoors. Then there is a 'car' setup, this has 4 wheels and allows you to drive the quadcopter along the floor. Finally, there is 'big wheel' mode designed to enable you to climb walls or run along the roof and give the most protection.

As you would expect from UDI it has 6-axis stabilisation and comes prebuilt in the box, all you need to do is add 6 'AA' batteries to the Tx and charge the Li-Po using the included charger.

- 4 Configurations in 1 Quadcopter!
- 2.4 GHz Radio Included
- Selectable Skill Levels
- Ready to Fly in Minutes
- Available in Two Colours

**Ergonomic
2.4GHz
Controller
Included**



**Available
in Black**



A-U841-R UDI Nano RX4 2.4GHz with Video Camera (Red) £54.99

A-U841-B UDI Nano RX4 2.4GHz with Video Camera (Black) £54.99

UDI U828 2.4GHz RTF

£49.99

Part Number: A-U828

UDI R/C

U828

Radio: 4 Channel 2.4GHz (Included)
Motor: 4 x Brushed (Included)
Charger: USB (Included)
Battery: 1S Li-Po (Included)
Length: 325mm
Width: 314mm
Height: 314mm
Weight: 133g



**Protective
Cage**

HD Camera

Resolution: 1280 x 720px
Frame Rate: 30FPS



**Climb walls
and more!**



The U828 features a large protective cage that completely surrounds the quadcopter. The cage can pivot around its centre allowing you to control the quad as it rolls around the floor. Once you have mastered the steering you can try climbing walls and even rolling along the ceiling! The cage is flexible and works to protect the quad should you need it, this makes the U828 perfect for beginners too.

The quad itself is stabilised by a 6-axis gyro system that has different skill levels limiting control movement making it suitable for all skill levels.

To get the U828 in the air all you need to do is click together the cage, charge the battery (using the included charger) and add 6 'AA' batteries to the transmitter!

- Climb Walls, Windows and more!
- Tough Protective Cage
- 2.4 GHz Radio Included
- Selectable Skill Levels

UDI i250 Evolution RTF - 3D Flybarless

£149.99

Fully 3D Capable

UDI R/C i250

Part Number: A-i250

- 3S 1000mAh Li-Po & Charger Included
- Collective Pitch and 3D Capable
- Brushless Motor and ESC
- Supplied Ready to Fly

Helicopter, Charger & Transmitter (Included)



The UDI i250 Evolution is UDI's first foray into the world of collective pitch helicopters and just as you would expect it really excels! With 3 different flight modes it can change from hovering to flying around and even 3D with power to really impress thanks to the brushless power system. The helicopter itself is made from a combination of metal and precision moulded plastic optimised for strength without excess weight. Instead of a complicated tail belt or drive shaft and pitch mechanism the i250 has a tail mounted gearbox to keep things simple and easy to repair. The i250 is a perfect first step up into collective pitch helicopters, and has the performance required to progress skills right up to 3D flight! Supplied RTF (Ready to Fly) from the box all of the electronics are pre-installed for you. To get in the air all you need to do is charge the included 3S 1000mAh Li-Po using the included balance charger and put 4 x 'AA' batteries (not included) in the transmitter!

Thunder Tiger E550 3-Blade Flybarless

£549.99

Part Number: TT4732A23

RAPTOR
3-BLADE

E550



Thunder Tiger offer you a chance to experience the 3-blade flight in an economic way with the E550 3-blade helicopter. The 3-blade head offers a more direct feel and sensitive handling with better buoyancy even at low rpm. The high-precision head features a 140° ECCPM machined aluminum main rotor head and blade grips, with 3-blade 550 carbon blades. The 1150kv Ace R/C Ripper brushless motor combined with the Castle Creations Talon 90A ESC supplies ample power to fly with confidence, whether you're learning how to hover or tackling aggressive 3D manoeuvres.

- The First 3-blade ARF Heli in the Market
- Factory Balanced 3-piece 550 Carbon Blades
- 95% Assembled and Pre-Adjusted at the Factory

Rotor Span: 1245mm (45")
Length: 1150mm (45.27")
Weight: 2650g (5.84 lbs)
Motor: 1150kv Ace Ripper (Included)
Battery: 6S 3700 - 5000mAh 35C (Recommended)

Radio: 6 Channel (Recommended)
Gyro: Thunder Tiger GT5.2 (Included)
Servos: 4x (Included)

Thunder Tiger E550 Flybarless

£489.99
Part Number: TT4732A13

Motor: OBL44/11-30H (Included)
Gyro: GT5.2 (Included)
Servos: 3 x DS1510N & 1 x DS606N (Included)
ESC: Castle Creations Talon 90A (Included)

RAPTOR

Rotor Diameter: 1245mm
Length: 1150mm
Width: 140mm
Height: 390mm
Weight: 2650g



Thunder Tiger's Raptor E550 FBL is the perfect way to experience an electric, flybarless aerobatic model helicopter, straight out of the box. Based on the hugely popular Raptor E550S the E550FBL comes complete with an all metal flybarless 140° eCCPM rotor head and the very latest GT5.2 Gyro. To power this model Thunder Tiger have paired up an ACE RC Brushless motor and the amazing Castle Creations Talon 90A ESC ensuring you have the power to push this model to its very limits.

- Almost Ready to Fly
- Flybarless Metal Rotor Head & Grip
- Castle Creations Talon 90A (Included)
- Performance 550 Carbon Blade (Included)
- Motor, ESC, Servos and Gyro (Included)
- Castle Creations Talon 90A ESC
- ACE RC Ripper OBL44/11-30H motor
- GT 5.2 Gyro
- 3 x DS1510MG Control Servos
- DS606N Digital Tail Servo



Thunder Tiger E700 V2 Kit

£549.99
Part Number: TT4761K20

THUNDER TIGER

RAPTOR E700

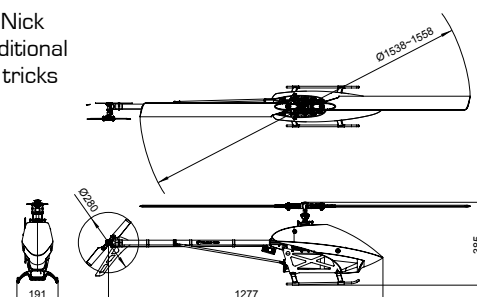


Rotor Diameter: 1538 - 1558mm
Length: 1277mm
Width: 191mm
Height: 385mm
Weight: 2917g
Tail Drive: Torque Tube

Swashplate: ECCPM (135 - 140°)
Motor: 510 - 560kV (Required)
Speed Controller: 120 - 160A (Required)
Battery: 2 x 6S Li-Po (Required)

The best just got better! The E700 V2 is a combination of consumer input and team pilot Nick Maxwells suggestions. The E700 V2 continues where the E700 left off...in front. These additional enhancements to an already solid and proven airframe ensures that it will perform all the tricks and flips you can think of.

- V2 Metal FBL Rotor Grip Set, Main Rotor Grip Posts, Metal FBL Control Lever
- 14mm Advanced Herringbone Main Gear 128T V.S. Pinion 13T
- One-Piece Tail Case with Efficient Helical Bevel Tail Gears
- Bearing Equipped Washout Linkage for Ultra Smooth Control
- Precisely CNC Machined Rotor Head and Grip with 8mm Spindle
- Quick-Release Battery Tray allows two 6 cell Li-Po battery packs



Joysway Rocket ABS Brushed RTR 2.4GHz

£129.99
Part Number: B-JS-8601


The Rocket draws its design roots from previous Joysway 'V' hull boats, but has numerous advances. Most noticeably, the new hull and hatch are injection moulded from a tough ABS plastic to reduce weight and improve durability. The hull has been cleverly designed with a waterpocket on the port side that is designed to fill with water and help counter torque and re-right the boat if tipped over!

Material: Moulded Plastic	Motor: 550 Brushed (Included)
Length: 620mm	LiPo: 11.1v 1300mAh 35C (Included)
Width: 155mm	Charger: 3 Cell Balance (Included)
Weight: 870g	ESC: 30A Brushed (Included)
Servos: 1 x 9g (Included)	
Radio: 2 Channel 2.4GHz (Included)	

Joysway Rocket ABS Brushless ARTR

£124.99

Identical in design to the model above, Joysway's Rocket ABS Brushless is supplied in Rx ready format and includes a pre-installed water cooled brushless motor, water cooled brushless ESC and a rudder servo. This makes it ready for installation of your own choice of receiver (and connect to a suitable transmitter) and 3S1P 11.1v 2200mAh 30C Li-Po battery.

Length: 620mm	Motor: Brushless Outrunner (Included)
Width: 155mm	LiPo: 3S1P 11.1v 2200mAh 30C (Required)
Weight: 955g	Charger: 3-cell Balance Type (Required)
Servos: 1 x 9g, Metal gears (Included)	ESC: 30A Brushless (Included)
Radio: 2 Channel 2.4GHz (Required)	

Part Number: B-JS-8651


Joysway Mad Flow F1 Brushed RTR 2.4GHz

£109.99
20mph!
Part Number: B-JS-8603

Self-Righting Hull!

Joysway's Mad Flow F1 Brushed ARTR Boat is faithful to the styling of the ultra competitive F1 tunnel-hulled boats, even featuring a convincing dummy outboard motor! A removable top deck reveals the included, water cooled brushed motor and ESC, 9g servo and 2.4GHz receiver. Joysway's 2 channel radio completes the package and includes trim functions offering precise control. Requires an 11.1v 1300mAh battery and appropriate charger.

Length: 590mm (23.2")	LiPo: 3S1P 11.1v 1300mAh 35C (Required)
Beam: 225mm (8.9")	Charger: 2-3S Balance Type (Required)
Servos: 1 x 9g (Included)	ESC: 30A Brushed (Included)
Radio: 2 Channel 2.4GHz (Included)	
Motor: Brushed (Included)	

Joysway Mad Flow F1 Brushless ARTR

£149.99

Utilising the same hull as the Mad Flow F1 above, only with a differently coloured top deck, this brushless version of the Mad Flow includes water cooled brushless motor and ESC, plus the 9g servo and 2.4GHz receiver. Joysway's 2 channel radio completes the package and includes trim functions for precise control. Requires an 11.1v 2200mAh battery and appropriate charger.

Length: 590mm (23.2")
Beam: 225mm (8.9")
Servos: 1 x 9g (Included)
Radio: 2.4GHz (Included)
Motor: Brushless (Included)
LiPo: 3S 2200mAh (Required)
Charger: 2-3S Balance (Required)
ESC: 30A Brushless (Included)


30mph!
Part Number: B-JS-8653


Joysway Orion Yacht RTR

RC hobby world
Joysway

Mast Height: 634mm
Length: 465mm
Beam: 150mm
Height: 920mm
Weight: 950g
Hull Material: Plastic Moulded
Servos: 1 x 37g Sail, 1 x 9g Rudder (Included)
Radio: 2 Channel 2.4GHz (Included)

A perfect introduction to yachting, the Joysway Orion is easy to assemble and will have you sailing in no time. Not only does it look great in this bright colour scheme (choice of two colours) it really performs in the water too.

A high quality 2 channel 2.4GHz radio system comes pre-installed for you, including the 36g sail servo and a 9g rudder servo. The hull is moulded from tough plastic as is the keel and rudder. The booms are made using strong lightweight fibreglass tubes and the ballast is cast from a zinc alloy then painted to match. Even the rigging has been done for you! Only minor assembly is required and the addition of 8 'AA' batteries.



B-JS-8803R Joysway Orion Yacht RTR (Red) £89.99

B-JS-8803B Joysway Orion Yacht RTR (Blue) £89.99

Joysway Force 2 60 Catamaran RTR

Using technology developed from the popular Dragon Force yacht, the Force2 60 not only looks stunning it really performs too. This really is a yacht for speed freaks. The techniques for sailing her are slightly different to mono-hulls and that is part of the attraction. The hulls and cross beams are moulded from durable plastic and then painted, ensuring that they are precise, lightweight and tough. The booms and masts are made from extruded carbon fibre and two mainsails are included; one for standard use and one for use in high winds. A plastic moulded stand is supplied for easy maintenance and storage. The Force2 60 features pre-installed radio and can be on the water with minimal assembly. If you have never tried a catamaran before, you are in for a treat with the Force 2 60!

- 2.4GHz 4 Channel Digital Radio Included
- Rudder & Winch Servos Included
- Plastic Moulded Hull with Decal Stickers and Painting
- Twin Plastic Keel and Twin Plastic Rudder
- Includes Jib Sail, 'A' Mainsail
- Includes an Extra 'A-' Mainsail and Mast for High Winds
- Carbon-Fibre Mast and Booms
- Plastic Moulded Boat Stand

Required for use: 8 x 'AA' Batteries for Tx and Rx



Mast Height: 832mm
Length: 660mm
Beam: 400mm
Height: 1117mm
Weight: 1050g
Hull Material: Plastic Moulded
Radio: 2.4GHz (Included)
Servos: Sail Winch, Rudder with Metal Gear (Included)



£174.99

RC hobby world
Joysway



2.4GHz Included

Part Number: B-JS-8806

Joysway Binary Catamaran Yacht RTR

£69.99

RC hobby world
Joysway

BINARY

Following on from the success of the fabulous Force2 60, Joysway have created a compact version called the 'Binary'. If proof were needed that good things come in small packages, this is it! Although not able to cope with the wind levels of the Force2 60, the Binary will turn in an amazing level of speed from the very lowest breeze. The sleek twin hulls cut through the water with ease and stability and turning are enhanced by the fin on each hull plus the deep twin rudders. The hulls and connecting frame are all moulded from durable plastic and the masts are made from extruded GRP giving the rigidity needed in a catamaran. The radio is Joysway's regular 2 channel 2.4Ghz design, proven over the years to be easy to use and reliable. The Binary comes as standard with a stand to rest her on which can be easily disassembled if required. The Binary brings the fun of sailing a catamaran into a very affordable sector of the market.

B-JS-8807B Joysway Binary Catamaran Yacht RTR - Blue £69.99

B-JS-8807R Joysway Binary Catamaran Yacht RTR - Red £69.99

Fully Proportional 2 channel
2.4GHz ultra thin radio
Included



Hull Material: Plastic Moulded
Radio: 2 Channel 2.4GHz
(Included)
Servo: 2 (Included)
Length: 390mm
Width: 250mm
Height: 710mm



Also available in Blue

Ripmax Coyote 1/18 Buggy EP RTR

£69.99

Part Number: C-RMX0050

RTR!


Don't be fooled by the compact 1/18 scale size, the Coyote packs quite punch, thanks to a powerful 370 class, brushed motor and 6 cell 1300mAh NiMH battery. Getting that power down onto the surface comes courtesy of the rugged 4 wheel drive system and great suspension. The four shock units are oil dampened just like the bigger cars too! The electronic unit incorporates the ESC (electronic speed controller) and 2.4GHz receiver into one compact unit with the steering servo (with servo saver) strapped to the side. The easy to hold and operate, 2.4GHz transmitter has trims and 'Dual rate' function built in allowing you to tune the Coyote how you want to. The Coyote is certainly a great way to get into R/C cars and at a price that puts her within everybody's reach!!

- Factory-Built with Proportional 2.4GHz Radio Control
- Powerful Motor for Amazing Performance
- 4 Oil-Filled Adjustable Shock Absorbers
- High Capacity Ni-MH Battery Pack and Charger

Length: 295mm
Width: 103mm
Ground Clearance: 22mm
Motor: 370 Class (Included)

Battery: 6 Cell 1300mAh NiMH + Charger (Included)
Radio: 2 Channel 2.4GHz (Included)
Servo: 1 x 9g (Included)

Ripmax Micro Short Course EP RTR 2.4GHz

£28.99

Part Number: C-RMX0045



This stunning micro Short Course car features a clever moving chassis suspension system keeping weight/cost down to a minimum. The body is styled after the popular American Short Course car racing series taking the best features of both trucks and buggies into an amazing off road vehicle. The battery is built in and can be charged from the transmitter with ease.

The 2.4GHz transmitter even has a scale mode with digital gears to simulate 'shifting' on a real car.

Length: 138mm
Width: 83mm
Height: 50mm
Battery: 1S Li-Po (Included)

Motor: Brushed (Included)
Radio: 2.4GHz (Included)
Charger: USB (Included)



GT Power Tyre Warmers

£64.99

Part Number: C-GTPW

Designed with the competitor in mind, these easy to use tyre warmers give you optimal grip at the start of a race when it is so desperately needed. Adjust the temperature you want to heat your tyres to and the onboard processor keeps the tyres at that optimal temperature until you're ready to race.

- Designed to Suit 1/10 Touring Cars
- Front & Rear Adjustable Temperature Setting
- Celsius/Fahrenheit Selectable Display

Input Voltage: 7.2 - 15v DC
Temperature Range: 20 - 80°C
Main Unit Dimensions: 170 x 120 x 57mm
Weight: 360g (Approx)



DHK Crosse 1/10 Monster Truck RTR



CROSSE

MONSTER TRUCK

Part Number: C-DHK8136

BRUSHED

DHK's new 1/10 Crosse offers 4WD stomping truck performance at a price which will appeal to everyone! Newly designed chrome plated wheels mated to soft compound tyres enhance the appearance and provide superb levels of off-road grip. A chassis cover completes the all-terrain package helping to keep water and dust out!

Length:	460mm	Radio:	2.4GHz (Included)
Height:	223mm	Servo:	6kg (Included)
Width:	350mm	Motor:	550 Brushed (Included)
Wheelbase:	294mm	ESC:	55A Brushed (Included)
Weight:	2850g	Battery:	8.4v 1800mAh Ni-MH (Included)

£159.99



Part Number: C-DHK8137

BRUSHLESS

The Cross Brushless really performs thanks to its powerful brushless power setup. The CNC, durable, machined brushless motor is paired with a fan cooled brushless electronic speed controller. The included high performance 2S 7.4v Li-Po battery ensures optimum performance. If you really want to pack a punch then brushless is the only way to go!

This setup provides so much power that a sturdy wheelie bar is fitted as standard!

£259.99

Length:	460mm	Radio:	2.4GHz (Included)
Height:	223mm	Servo:	6kg (Included)
Width:	350mm	Motor:	Brushless (Included)
Wheelbase:	294mm	ESC:	80A Brushless (Included)
Weight:	2850g	Battery:	7.4v 2S 2300mAh Li-Po (Included)

DHK Shogun 1/8 Monster Truck RTR

£249.99

Part Number: C-DHK8385

SHOGUN

**1/8 READY TO RUN
MONSTER TRUCK**
**DHK
HOBBY**
4X4
**GO
BASH!**


So you want a model which is supplied Ready-to-Run, has 4 wheel drive, large wheels and soft compound tyres, big bore suspension to soak up everything you can throw at it and a rear wing that isn't just for show? Enter the Shogun - DHK's most aggressive off-road 1/8 scale vehicle yet! Transmitting the brushed power through all four wheels comes courtesy of 3 differentials, held securely in place by the rigid anodized orange chassis top decks. Think brushed and you'd be forgiven for thinking 540; not so here! The huge 775 class brushed motor is regulated by the 55A ESC which is connected to the pre-installed 2.4GHz receiver while the pistol grip transmitter offers dual rates and EPA!

As with the motor, once again, DHK have 'brushed' convention aside - the included battery pack is a humped 10.8v affair rather than the mainstream 7.2v for plenty more punch! For those whose appetite is left unsatisfied by this, an 11.1v Li-Po pack is available as an option!

Give your local park both barrels with the DHK Shogun!

49km/hr 30+mph

Length:	522mm	Radio:	2.4GHz (Included)
Height:	215mm	Servo:	9kg (Included)
Width:	387mm	Motor:	775 Brushed (Included)
Wheelbase:	332mm	ESC:	55A Brushed (Included)
Weight:	3500g	Battery:	10.8v 3000mAh Ni-MH (Included)

55A Brushed Electronic Speed Controller with Large Heatsink



Huge 775 Class Brushed Motor Pre-Installed



2.4GHz Pistol Grip Radio with Dual Rates and Exponential (EPA)



Thunder Tiger 1:8 e-MTA G2 RTR & Kit

e-MTA G2



Ace RC COUGAR GP3

The new Ace RC Cougar GP3 is an easy to use pistol style controller using the latest ACE RC advanced-programming technologies. The GP uses an intelligent frequency-hopping spread spectrum (iFHSS+) transmission system for precise and reliable control.



Embodying a high-end level of mechanical aesthetics in design, the totally renewed integrated chassis with low-mounted IBL40 2000Kv brushless motor and powerful ACE R/C BLC-150 speed control represents unbelievable engineering skill to create the e-MTA G2 monster truck. The twin battery box sitting underneath the electronics also holds a variety of battery types for lowest centre of gravity so that you can power your e-MTA with either NiMH batteries from 6 to 8 cell size, dual LiPo batteries with 2S 7.4v or a whopping 3S 11.1v power! Experiencing the wildest and coolest motor sport, e-MTA is ready to take on the rest!! The new e-MTA G2 now equips the latest design of driven hub with racing wheels & tyres which ensures power transmission without slipping between hub and wheel.

- Super Tough Integrated Chassis
- Unique One-piece Battery Compartment
- Durable & Light e-MTA Transmission
- High Speed Racing Tyre
- All Weather Sealed Receiver Box
- Heavy Duty ACE RC BLC-150C and IBL40-2000KV
- Waterproof DS1510MG Torque Steering Servo
- 13mm 8 pcs Oil Shock Absorbers
- 17mm new Drive Hub

RTR



Length: 620mm
Width: 440mm
Height: 240mm
Wheelbase: 370mm
Weight: 5000g
Radio: 2.4GHz (Included)
Motor: IBL40/20 (Included)
ESC: BLC-150 (Included)
Battery: 4-6S 5000mAh (Required)

TT6407F111 TT 1:8 eMTA G2 EP Monster Truck - Red **£499.99**

TT6407F112 TT 1:8 eMTA G2 EP Monster Truck - Blue **£499.99**

O.S. GGT-15 Petrol with E-4040 Silencer

£334.99

Part Number: L-OS3A200

O.S. ENGINE
UNQUALIFIED QUALITY PRECISION & PERFORMANCE

**No
Ignition
Needed!**



The O.S. GGT15 is a revolution in petrol engines. It is a petrol engine that uses a glowplug! Extensive testing and development between Ripmax and OS has resulted the special G5 glowplug for use in special petrol engines, giving you the efficiency and fuel price of a petrol engine with the simplicity of a glow motor. Based on the popular GT-15 the GGT-15 is designed to fit in place of a .61-.91 nitro engine, give you the efficiency of a petrol engine, but with the ease of use you normally associate with a glow engine. The use of a glow plug means the GGT-15 is simple to install as it doesn't require an ignition module and is easy to start using a normal glow starter like traditional glow engines. No flat ignition batteries here!

- Uses a glow driver (no ignition module required)
- Special conrod big end roller bearings
- Special cylinder head design
- 61H carburettor with PD-08 pump system included
- Uses a normal 50:1 petrol/oil mixture



Weight: 788g (27.8oz)
Displacement: 0.912 cu.in. (14.95cc)
Bore: 27.7mm (1.091")
Stroke: 24.8mm (0.976")
Power Output: 2.32hp (2.35PS) @ 15,000 rpm
Practical RPM: 2,000 - 11,000rpm

O.S. GF-30 Petrol with F-6040 Silencer

£539.99

Following on from the success of the GF40, the new GF30 is designed for use in 1.20 - 1.50 glow or 20cc petrol class aircraft. As a four-stroke petrol engine, the GF30 features impressive throttle response, torque, fuel efficiency and a superb sound that is especially suited to scale aircraft. For optimum running in all attitudes the GF30 has a PD-08 fuel pump and to reduce the weight of your model, the lightweight IG-07 ignition can even run on 2s Li-Po power. The crankcase is compact and has been designed to fit in the same space as an OS GT22, helping to keep your installation sleek.



Weight: 990g (34.92oz), Silencer 113g, Ignition 95g
Displacement: 1.827 cu.in. (29.94cc)
Bore: 38mm (1.496")
Stroke: 26.4mm (1.039")
Power Output: 2.76hp (2.8PS) @ 9,000 rpm
Practical RPM: 1,800 - 9,000rpm



Part Number: L-OS3A000

O.S. Speed B2101

£399.99

OS has always listened to the top drivers who run their engines. By doing so, they can respond to the changing needs of racing and keep their designs at the very cutting edge of technology. The B2101 is very much an engine driven by driver feedback and technical advances alike. Just about every component has been re-designed from the Speed 21XZ Ver2 predecessor in order to give you the very best engine on the market. Whether it's the DLC coated, gas flowed crankshaft with Tungsten balance weight or the specially coated brass liner with high silicon piston, or even the aerodynamic high-strength connecting rod, to OS, every detail matters in the pursuit of excellence. The B2101 has a revised 'square' bore/stroke ratio to change the torque into a more useable area for off-road use, yet still give the top end power you would expect.

Displacement: 3.46cc [0.211 cu.in.]
Practical RPM: 4,000 - 42,000
Power: 2.61 hp @ 34,000rpm
Bore: 16.40mm [0.646"]
Stroke: 16.40mm [0.646"]
Weight: 352g [12.42 oz]

Part Number: L-OS1A200
O.S. SPEED


O.S. Speed T1201

£349.99
Part Number: L-OS1A400
O.S. SPEED


The OS concept of involving its top drivers in engine development has also been extended into the B1201. Getting the very best performance from even the smallest engines in the range has always been an OS strength. How else could you squeeze a massive 1.75PS from a mere 2.2ccs? The world of 1/10th Touring car racing is a specialised one and the engine has to perform impeccably to get over the line first. With many technical features borrowed from the R2101 and B2101, the T1201 is not short of technology either. The relentless pursuit of reducing internal friction is even more important in smaller engines, so features like DLC coating and precision ball races are all there. Then there's the need to get porting and tapers correct along with thermal expansion in order to reach those 35,000RPM peaks as well as give crisp throttle response. The new bore/stroke ratio has moved the torque a little lower in the rev range for better punch out of corners.

Displacement: 2.10cc [0.128 cu.in.] **Bore:** 13.67mm [0.538"]
Practical RPM: 5,000 - 45,000 **Weight:** 352g [12.42 oz]
Power: 1.73 hp @ 35,000rpm
Stroke: 14.30mm [0.563"]

Thunder Tiger Pro-46 Aero

£94.99

Thunder Tiger first introduced the well-known Pro-46 in 1992, from then on the Pro-46 has been the standard for 2-stroke aircraft engines. To be the great Pro-46's successor, the NEW Pro-46 inherits the incredible and reliable performance, and has many new features, making for better durability and easier maintenance.

- Heat-Spreading Design Enhances Cooling
- Non-Seizing Flange Mount Carburettor
- Steel Inserted, Lightweight, Composite Backplate
- New Crankcase for Improved Structural Strength
- Swept Back Needle Valve Design for Safety
- Same Side Mixture Screw and HS Needle Valve Adjustment
- Precision Crankshaft Ball Bearings
- High Performance Streamlined Muffler
- Knife Edged 7075 Aluminium Connecting Rod
- High-Silicon CNC Machined Piston
- XC2 (Extreme Composite Coating) Cylinder
- Redline R2 Glow Plug Included


Part Number: TT9143

THUNDER TIGER


Displacement: 46 cu.in. [7.47cc]
Bore: 21.8mm [0.86"]
Stroke: 20.0mm [0.79"]

Practical R.P.M.: 2,000 - 17,000rpm
Output: 1.60 hp @ 16,000rpm
Weight: 465g [16.37oz]

Ripmax TY1 Starter

£89.99


A super heavy-duty, geared starter for 1.60/2.00 class four strokes and 30cc to 55cc petrol engines. Would also suit .90 to 1.30 class helicopter engines. The large Silicone drive 'rubber' is designed for larger spinners. Supplied with integral battery mount to suit a 4S 2200mAh 30C Li-po pack (O-HE4S1P220030A) which is not included. The Li-Po battery conversion adaptor lead is supplied, as is a lead for connecting to a 12v Lead-Acid battery if required.

Gear Ratio: 3.5:1

Top RPM: 2,700rpm (no load)

Torque: 41 kg/cm with 12v Lead Acid

Torque: 45 kg/cm with 14.4v Li-Po

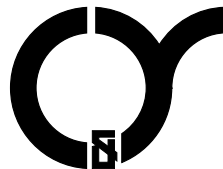
L-RMXSA01
Ripmax TY1 Large Silicone Spinner Cup
£8.99
L-RMXST01HD
Ripmax TY1 Heavy Duty Starter w/o Battery
£89.99

Ming Yang Fuel Can Fitting Kit

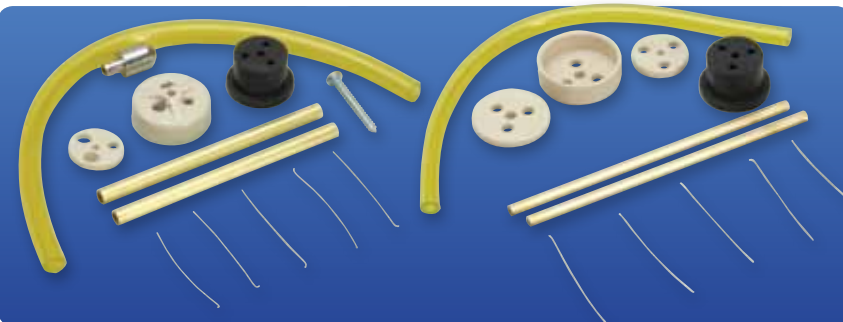
£4.99

The ideal way to tidy up the potentially messy business of getting fuel out of a container and into your model. Two fittings go in your fuel bottle top, one is attached to the fuel tube into the bottle with a filter on the other end which doubles as a clunk. The other end goes to the filtered probe on a longer length of tubing to fuel the model. The probe plugs into the other bottle fitting when not in use. All you need extra is suitable fuel tubing for either glow or petrol fuels.

- Fit to any Plastic Fuel Bottle Cap
- Aluminium Machined Probes
- Brass Machined Adaptors
- O Ring Seals
- Filtered for Clean Fuel


Part Number: L-MG1020


Sullivan Petrol Tank Conversion Kits


L-SLN484
Sullivan Petrol Tank Conversion Kit 1/8" Tube
£6.25
L-SLN489
Sullivan Petrol Tank Conversion Kit 3/16" Tube
£7.50

These handy kits allow conversion of rigid fuel tanks for use with petrol (gasoline). Normal bungs are made of silicon, which is not compatible with petrol. The bung supplied here is made from a durable, advanced material that copes with both petrol and glow fuel. The supplied length of fuel tubing is also petrol compatible for use inside the tank on the clunk. The brass tubing is to suit your chosen main fuel tube bore. Available in to suit both 1/8" and 3/16" fuel tube.

Sullivan Aluminium Anti-Siphon Check Valve

£9.50

This high flow rate anti-siphon check valve made from aluminium is suitable for all RC fuel systems. Often used with the Sullivan SkyWriter Smoke Pump.

- Machined Aluminium Body - Long Life
- Viton Internal Seal, Compatible with all Fuel Types
- Low Cracking Pressure - Allows for Easy Priming
- Works with 3/32 Tubing - Quick and Easy Installation

Part Number: L-SLN756

**Suits
Petrol
Diesel
& Glow**
**Aluminium
one way valve**

Ripmax Quantum Electric Motors



After a long and exhaustive testing program, Ripmax is pleased to present a range of electric motors that will provide a power solution for a huge range of models. Each motor has been specified and tested to make sure that it provides the same performance as a particular size of IC engine. Just a quick look at each name will tell you which motor it equates to. So often, motors are quoted for similar uses that have a way too low kV. This means you have to use a huge propeller with all its ground clearance and torque swing issues. The kVs we have chosen limit this to more practical size propellers that you can understand. Each motor comes with a 'cross' style back mount and a propeller driver that bolts to the rotating can. A range of optional collet type propeller drivers are available to suit each shaft size if required for your installation. The main motor components are CNC machined and then assembly is a combination of machine and hand techniques. All motors are ball-raced for smooth running and long life. Connectors are pre-fitted to suit the most popular Quantum ESC for the size.

Part Number	Name	Dimensions	Shaft Diameter	Weight	kV	Battery Li-Po	Typical Power (Watts)	ESC (Recommended)	Connectors	Price
M-Q2-0480	Quantum II 480	30 x 35mm	4mm	80g	1100kV	2 - 4S	TBA	30A	3.5mm Gold	£14.99
M-Q2-15	Quantum II 15	36 x 35mm	4mm	110g	1300kV	2 - 4S	320w	40A	3.5mm Gold	£16.99
M-Q2-20	Quantum II 20 Speed	42 x 35mm	4mm	151g	1250kV	3 - 4S	650w	60A	3.5mm Gold	£17.99
M-Q2-25	Quantum II 25	42 x 35mm	4mm	140g	1000kV	2 - 4S	530w	40A	3.5mm Gold	£19.99
M-Q2-36	Quantum II 36	48 x 35mm	4mm	170g	900kV	3 - 6S	590w	60A	4mm Gold	£23.50
M-Q2-40	Quantum II 40	50 x 42.5mm	5mm	210g	800kV	3 - 7S	620w	60A	4mm Gold	£27.99
M-Q2-55	Quantum II 55	55 x 49.2mm	8mm	346g	700kV	3 - 8S	1100w	60 - 80A	4mm Gold	£39.99
M-Q2-61	Quantum II 61	65 x 49.2mm	8mm	420g	410kV	3 - 8S	1400w	80A	4mm Gold	£49.99

Ripmax Quantum Electronic Speed Controllers



There are ESCs and there are ESCs. Ripmax has spent a considerable time developing a range of aero ESCs that deliver 'exactly what they say on the tin'. We rejected many components during testing before settling on our final specification. Particular care was taken in selecting the correct MOSFETs for both performance and reliability and tracks on the PCB were made to handle all intended currents with safety. Assembly uses the latest computer controlled SMT techniques on the latest high-tech machinery. Programmable features were selected to match the needs of everyday modellers and setting up per application is therefore an easy process, especially if you buy the optional program card. Each is supplied with popular motor and battery plugs/sockets pre-fitted. These were optimised to suit the most common combinations of Quantum 2 motor and Hi-Energy batteries for 'plug and play' in most cases.

Part Number	Name	Dimensions	Weight	BEC	Li-Po Battery	Amps Continuous	Connectors Battery	Connectors Motor	Price
P-QESC12	Quantum 12A	40 x 19 x 8mm	10g	5V 1A	2 - 4S	12A	2mm Gold	2mm Gold	£10.99
P-QESC30	Quantum 30A	60 x 27 x 11mm	26g	5V 3A	2 - 4S	30A	T-Style	3.5mm Gold	£12.50
P-QESC40	Quantum 40A Eco	55 x 27 x 12mm	39g	5V 3A	2 - 4S	40A	T-Style	3.5mm Gold	£17.99
P-QESC40S	Quantum 40A	77 x 30 x 20mm	64g	5V 5A Switch	2 - 6S	40A	T-Style	3.5mm Gold	£20.99
P-QESC60S	Quantum 60A	80 x 30 x 20mm	72g	5V 6A Switch	2 - 6S	60A	T-Style	4mm Gold	£29.99
P-QESC80S	Quantum 80A	82 x 30 x 21mm	68g	5V 6A Switch	2 - 6S	80A	T-Style	4mm Gold	£37.99

P-QPCD Ripmax Quantum II ESC Program Card

£6.50

P-QPCINT

Ripmax Quantum II ESC PC Interface

£6.50

TT ACE Ripper OBL44/11-30H Brushless

£89.99

The OBL44/11-30H is a new addition to the ACE RC Ripper OBL outrunner brushless motor series. A fantastic solution for electric conversions or stock e-powered models ranging from medium-size helis to 3D aircraft. Configured with curved magnets, all OBL motors deliver high torque & high RPM at maximum efficiency for longer flight time and cool temperatures.

- Advanced 0.2mm Laminations & Cooling Fan
- High Current Capacity for Longer Flight Time
- Highly Efficient RPM Value
- Light Weight for Top Performance
- Dual Ball Bearings Shaft Support
- All Necessary Accessories Included

Length: 44mm
 Shaft Diameter: 5mm
 Weight: 305g (10.8oz)
 LiPo: 5 - 6S
 Current: 60A / 60A
 KV RPM: 1,150 rpm/V
 Max Efficiency: 4 - 55A

**Suits
550 Class
Helicopters**



O.S. OMH Brushless Helicopter Motors



O.S. have long made engines for R/C helicopters and built an amazing reputation in that market for power, precision and durability. It was therefore logical to offer customers an electric alternative for that emerging need. The motors here are intended for helicopters in the 600 class and have carefully chosen KV options to suit the popular helicopters on the market. Each motor is of course CNC machined, fully ball raced and with particular attention to cooling by careful internal design and an effective, integrated fan. As usual, only the best materials are chosen for the O.S. motors to ensure a long and trouble free life. Would you expect anything else from O.S?

- CNC Machined Case
- High Power Magnets
- Integral Cooling Fan
- Pre-Fitted Connectors
- Fully Ball-Raced

**Suits
600 Class
Helicopters**

M-OS51020110 O.S. OMH4535-1260 Brushless Motor

£169.99

M-OS51020120 O.S. OMH4535-560 Brushless Motor

£179.99

O.S. OCA-60/80 Brushless Electronic Speed Controller

OCA-260

Part Number: P-OS52020061



Part Number: P-OS52020081

OCA-280

O.S. Brushless ESCs have the latest high quality FETs, for the coolest possible operation! With auto battery cell recognition, start protection, low-voltage and no-signal cutoff. Ni-Cd, Ni-MH and Li-Po compatible and the perfect complement to an O.S. brushless motor!

OCA-260 Brushless ESC

Dimensions: 76 x 40 x 21mm Weight: 78g
 Programming: OCP-2 (Included) Battery: 6 - 18 Ni-Mh, 2 - 6S Li-Po
 Voltage: 6 - 25.2V B.E.C. (Voltage/Amps): 5.5V, 4A (Peak 5A)
 Max Current (Amps): 60A (Burst 70A, 5 sec)
 Suitable Motors: OMA3825-750, OMA5010-810, OMA5020-490

P-OS52020061 O.S. OCA-260 Brushless ESC

£99.99

OCA-280 Brushless ESC

Dimensions: 76 x 40 x 23mm Weight: 80g
 Programming: OCP-2 (Included) Battery: 6 - 18 Ni-Mh, 2 - 6S Li-Po
 Voltage: 6 - 25.2V B.E.C. (Voltage/Amps): 5.5V, 4A (Peak 5A)
 Max Current (Amps): 80A (Burst 100A, 5 sec)
 Suitable Motors: OMA3825-750, OMA5010-810, OMA5020-490

P-OS52020081 O.S. OCA-280 Brushless ESC

£124.99

Ripmax Hi-Energy Extreme LiPo Batteries

HI-ENERGY

Stunning Value!

The Hi-Energy Extreme battery range continues to expand to suit different models. The largest is the new 5500mAh in 4-6S formats and there's even a 50C version for extra high performance. There is also a 2700mAh in 3-4S for those wanting more duration in their parkfliers and at the small end there are some micro batteries to suit popular RTF models.

O-HE1S1P013030A	Hi-Energy 1S 130mAh 30C LiPo (2pcs)	£5.25
O-HE1S1P016030A	Hi-Energy 1S 160mAh 30C LiPo (2pcs)	£6.99
O-HE1S1P025030A	Hi-Energy 1S 250mAh 30C LiPo (2pcs)	£6.99
O-HE1S1P055030A	Hi-Energy 1S 550mAh 30C LiPo	£3.75
O-HE2S1P024030A	Hi-Energy 2S 240mAh 30C LiPo	£4.75
O-HE2S1P320030A	Hi-Energy 2S 3200mAh 30C LiPo	£17.50
O-HE3S1P270030A	Hi-Energy 3S 2700mAh 30C LiPo	£17.50
O-HE4S1P270030A	Hi-Energy 4S 2700mAh 30C LiPo	£26.99
O-HE4S1P550030A	Hi-Energy 4S 5500mAh 30C LiPo	£54.99
O-HE5S1P550030A	Hi-Energy 5S 5500mAh 30C LiPo	£72.99
O-HE6S1P550030A	Hi-Energy 6S 5500mAh 30C LiPo	£84.99
O-HE6S1P550050A	Hi-Energy 6S 5500mAh 50C LiPo	£99.99



SkyRC Quattro Micro AC/DC

£49.99

QUATTRO MICRO



Part Number: O-SKYCH4M

If you are a serious micro flier then you want a serious charger. The Quattro Micro can charge four 1S Li-Pos simultaneously and independently. Each circuit can deliver an adjustable current of between 0.1A and 1.0A (4W) and sockets accommodate most of the popular batteries on the market. Input power can come from the mains (100 - 240V) or a 11V - 15V DC source. The LED display will tell you the capacity charged, voltage and the charging current. It will change to FULL at completion of the charge.

4 popular
1S micro
connectors
including
MX & mCPX



Ripmax Aluminium Electric Motor Propeller Adaptors



Designed to suit a wide range of electric motors, these high-quality propeller adaptors are CNC machined from aluminium to ensure the least weight possible but with maximum strength and accuracy. Each adaptor is the collet type, allowing easy installation and adjustable shaft positioning. Simply tighten the regular or domed aluminium nut to clamp the shaft. They are especially suited to the Ripmax Quantum 2 range of motors.

• CNC Machined		• High Quality Aluminium	• Collet Style
E-EMPD23	Motor Propeller Adaptor Assembly 2.3mm		£3.25
E-EMPD30	Motor Propeller Adaptor Assembly 3.0mm		£4.25
E-EMPD32A	Motor Propeller Adaptor Assembly A 3.2mm		£4.50
E-EMPD32B	Motor Propeller Adaptor Assembly B 3.2mm		£4.50
E-EMPD40A	Motor Propeller Adaptor Assembly A 4.0mm		£5.75
E-EMPD40B	Motor Propeller Adaptor Assembly B 4.0mm		£5.75
E-EMPD40C	Motor Propeller Adaptor Assembly C 4.0mm		£5.75
E-EMPD50	Motor Propeller Adaptor Assembly 5.0mm		£6.99
E-EMPD80	Motor Propeller Adaptor Assembly 8.0mm		£11.50

Ripmax MT-60

£3.75

Part Number: O-RAMT60



This 3 pin connector is designed for use on both brushless motors and speed controllers. Each half includes three heavy duty 3.5mm gold plated connectors. The compact design keeps all three wires together into one connector helping to keep your installation tidy.

Max Amps: 60A **Connectors:** 3.5mm Gold Plated

Ripmax XT-90S

£3.75

Part Number: O-RAX90S



These ultra heavy-duty connectors feature 4mm gold plated pins making them a must for high power electric models. Thanks to their ingenious design, the positive connector has an initial low current section, so that when you first plug them half way in there is no spark. Once you press two small tabs, the connector can be fully connected allowing full current. This system helps to reduce the risk of a sudden power surge damage.

Max Amps: 90A **Connectors:** 4.0mm Gold Plated

Team Futaba Tx Neck Strap

£9.99

A high quality transmitter neck strap in black made from 100% nylon6 with a 'Team Futaba' embroidered logo in orange. Can you afford not to have a quality strap when you have invested time and money in your radio?

Part Number: P-EBB1063

Team Futaba Transmitter Neck Strap



Tamco TAC200 2.4GHz 2-Channel

£34.99

Part Number: P-TAC200

TAMCO

Includes Mini Receiver!



The TAC200 from Tamco is an affordable choice for all those looking for a entry level 2 channel 2.4GHz radio system. Perfect for use on both land and water it offers great value and the basic features you need for simple boats and cars. The TAC200 has a low power warning and reversing switches for both channels. The TAC200 come supplied with a small 2.4GHz receiver in the box, bound and ready to use.

- Ergonomic Design
- Reverse Function
- Low Power Flashing LED
- Perfect for Cars, Trucks and Boats!

Channels: 2
Resolution: 4096
Modulation: 2.4GHz FHSS

Tamco TAC330 2.4GHz 3-Channel

£59.99

Part Number: P-TAC330

TAMCO

Includes Mini Receiver!



Channels: 3
Resolution: 4096
Modulation: 2.4GHz FHSS

If you like stick style radios for cars or boats and are looking for something better than a basic 2-channel set, then the TAC330 could be the answer you have been looking for. A 3-channel, 2.4GHz radio with a host of computer accessible features via a clear to understand LCD screen. The following functions for programming are included;

- 16 Model Memories
- ABS (Anti-Lock Brakes)
- Throttle Response Curve
- Steering Response Curve
- Dual Rates
- Servo Reversing
- Timer
- Throttle Hold
- Steering Trim
- Mixers
- Servo Centre
- EPA (End Point)

Futaba 4PX Transmitter

£499.99

Part Number: P-CB4PX

Futaba T4PX



A Futaba R304SB receiver is included to allow you to explore the telemetry features.



Channels:	4
Model Memory:	40
Modulation:	Futaba T-FHSS, S-FHSS & FASST
Receiver:	R304SB T-FHSS (Included)
Screen:	3.5" (89 mm) QVGA TFT LCD
LiPo:	2S LiFe (Optional Required)
NiCad/Ni-MH:	5 x 'AA' NiMH or 4 x Dry Cells (Required)



The Futaba 4PX is at the cutting-edge of RC car transmitters. The 4PX is an impressive 30% faster and 15g lighter than the 4PKS-R yet includes a stunning new screen and user interface. The all new 3.5" (89mm) full-colour (Thin Film Transistor) display is easy to read in different light conditions and navigation is easy thanks to the jog dial. Compatible with Futaba T-FHSS, S-FHSS and FASST you can select your preferred transmission system for each car to suit your requirements and budget. With T-FHSS telemetry the data can be displayed on the screen or relayed by a synthesized voice via the built in speakers or headphones (not included).

- 3.5" (89mm) Color TFT Screen
- MicroSD Memory Card Slot
- T-FHSS, S-FHSS and FASST
- Customisable Menus
- Built-In Speaker
- 5 Programmable Mixes
- 40 Model Memory
- Adjustable Rotating Antenna
- Updateable Software
- Built-In Vibration Feedback
- Adjustable Trigger Options
- Drop-Down Wheel Option
- Synthesized Telemetry Voice
- Adapt for Left Hand Users

Futaba 4GRS Transmitter

£249.99

Part Number: P-CB4GRS

Futaba 4GRS



The new 4GRS system is Futaba's first stick Car/Boat set for some time, but is well worth the wait, being feature packed and optimised for the serious racer. As the name suggests the system offers 4 functions, and of course includes Futaba's renowned telemetry system, which is a huge benefit for practice and whilst racing, (where allowed). Both S-FHSS and T-FHSS transmission modes are included, and response speed is a staggering 4.4ms, giving instantaneous response to the controls. Full specifications and a full list of features are available online.

- S-FHSS & FHSS Transmission
- T-FHSS Telemetry
- Telemetry Data Recording
- 65 x 32.5mm Large Display
- S-Bus Technology
- Ultra Fast Control up to 2.9ms!
- Easy to Use Jog Dial
- 40 Model Memory
- Crawler Functions
- Gyro Mixing
- 4 Wheel Steering
- MC Link
- CPS-1 Mixing
- ABS
- Lap & Normal Timer

Futaba TMA-1 Telemetry Adaptor

£109.99



Futaba TMA-1
Part Number: P-TMA-1

Length: 69mm
Width: 79mm
Height: 12mm
Weight: 15.4g
Connector: USB

This new telemetry monitor adapter is a superb addition to the Futaba telemetry system, and allows any Android enabled phone or tablet to be used to display telemetry data from the model. Supplied complete with mounting clip and USB adapter, the TMA-1 operates with both T-FHSS and FASSTest transmission systems, the real-time data being available on the phone/tablet for a co-pilot or assistant to see. As with many Futaba products the TMA-1 can be updated as improved software becomes available.



Sprung clip to mount



USB connector for easy use

Futaba SBS/01S Telemetry Sensor

TBA



Part Number: P-SBS/01S

Another first (as far as we are aware) for Futaba is this new servo sensor, which can be connected to one or two S-Bus2 servos to monitor their operation, current consumption and temperature whilst in operation, with the information being shown on screen. For the first time it will be possible to see exactly how much current is being taken by an individual servo under actual flight loads in real-time, which will allow more accurate servo selection and ensure that highly stressed servos are not overloaded.



Unit Dimensions: 49 x 15 x 6mm
Length: 270mm

Weight: 7g

Futaba SBS/01RB Telemetry Sensor

£27.50

This new sensor allows the rpm of brushless motors to be measured and then displayed either on the transmitter screen or on a phone/tablet with the use of the TMA-1 unit. A wide rpm range is covered, with the minimum being 360 and the maximum 300,000, whilst the sensor simply plugs into the S-Bus2 port of a suitable Futaba receiver.



Length: 480mm Unit Dimensions: 39 x 10 x 5mm
Weight: 3.8g



Part Number: P-SBS/01RB

Futaba SBD-1 Servo Decoder Leads



These two new decoder leads brings the total range to five, all of which decode S-Bus signals so that conventional servos can be used, each lead having three independent outputs.

P-SBD-1/200

S-Bus Servo Decoder (200mm)

£29.99

P-SBD-1/600

S-Bus Servo Decoder (600mm)

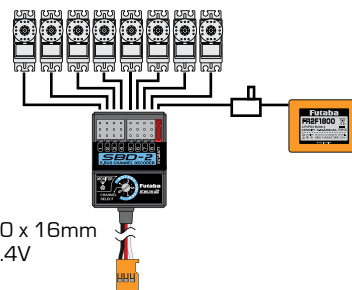
£32.50

Futaba SBD-2 Servo Decoder 8-Channel

£59.99



This clever decoder unit simply plugs into an S-Bus/S-Bus2 port in a Futaba S-Bus receiver and it then decodes the S-Bus signal, converting this into 8 conventional servo outputs. The specific channels that are to be decoded can be selected in blocks using the rotary dial, whilst a separate battery can be connected to the unit to supply power to the servos being used.



Unit Dimensions: 30 x 40 x 16mm
Voltage: 4.8 - 7.4V
Weight: 14.2g

Futaba Electronic Power Switches

P-FESW-1J

This new electronic switch from Futaba uses FET circuitry which enables greater current than a mechanical switch allied to lower voltage drop. Having a voltage range of 3.7 to 8.4 volts, the switch has a continuous current limit of 5 Amps, but a short term maximum of 10 Amps for no more than 30 seconds.

Voltage: 3.7 - 7.4V

Input Voltage: 3.5 - 8.4V

Amp: 5A (10A Max, 30 sec)

Dimensions: 46 x 14 x 17mm

Connectors: Futaba & Futaba

P-FESW-1D

A dual version of the new electronic switch with two output connectors for the receiver and a Deans type connector for the input, having a maximum continuous current limit of 10 Amps and a 30 second limited maximum of 15 Amps.

Voltage: 3.7 - 7.4V

Input Voltage: 3.5 - 8.4V

Amp: 10A (15A Max, 30sec)

Dimensions: 46 x 14 x 17mm

Connectors: Futaba & Deans



P-FESW-1J

Futaba Electronic Switch (Single)

£18.99

P-FESW-1D

Futaba Electronic Switch (Dual with Deans)

£32.50

Futaba S-Bus 6-Way Terminal Block

£9.99



This genuine Futaba 6 way terminal block is a neat and clean way to plug in multiple Futaba S-Bus items into a single output. Moulded from tough plastic with small lugs allowing you to screw it down to keep it secure.

Lead Length: 75mm
Weight: 9g

Unit Dimensions: 51 x 21 x 15mm
Input Ports: 6

Futaba BLS371SV £109.99**Futaba
BLS371SV**

Length: 40.5mm
 Width: 20mm
 Height: 36.8mm
 Weight: 63g
 Voltage: 6-7.4v
 Torque: 15.8 kg/cm [6V]
 Torque: 19.0 kg/cm [7.4V]
 Speed: 0.13 sec/60deg [6V]
 Speed: 0.10 sec/60deg [7.4V]

Part Number: P-SBL371SV

Developed for GP car use, the fully programmable 371SV servo includes metal gears as well as an aluminium centre case for the ultimate in strength and rigidity. With amazing speed and torque figures allied to the exceptionally reliability of the brushless motor used, the 371SV is sure to become popular amongst leading drivers.

Futaba BLS471SV £99.99**Futaba
BLS471SV**

Length: 40.5mm
 Width: 20mm
 Height: 36.8mm
 Weight: 57g
 Voltage: 6-7.4v
 Torque: 11.4 kg/cm [6V]
 Torque: 13.8 kg/cm [7.4V]
 Speed: 0.09 sec/60deg [6V]
 Speed: 0.07 sec/60deg [7.4V]

Part Number: P-SBL471SV

The new 471SV servo has been designed to be ideal for a wide range of cars, being of standard size whilst having excellent torque and particularly speed figures. Featuring metal gears as might be expected, the 471SV also comes with all the benefits of SV servos, with high voltage operation, S-Bus functionality and programmability.

Futaba BLS571SV £109.99**Futaba
BLS571SV**

Length: 40.5mm
 Width: 20mm
 Height: 25.4mm
 Weight: 41g
 Voltage: 6-7.4v
 Torque: 9.4 kg/cm [6V]
 Torque: 11.0 kg/cm [7.4V]
 Speed: 0.10 sec/60deg [6V]
 Speed: 0.08 sec/60deg [7.4V]

Part Number: P-SBL571SV

This new low profile servo has been optimised for EP car use, but is also suitable for other applications where this non-standard size of servo is required. Having notably good speed and torque figures, the 571SV also includes metal gears to absorb the shocks servos suffer when racing competitively.

Futaba S9170SV £84.99**Futaba
S9170SV**

Length: 35.9mm
 Width: 19.5mm
 Height: 24.9mm
 Weight: 32g
 Voltage: 4.8-7.4v
 Torque: 6.0 kg/cm [6.6V]
 Torque: 6.8 kg/cm [7.4V]
 Speed: 0.13 sec/60deg [6.6V]
 Speed: 0.12 sec/60deg [7.4V]

Part Number: P-S9170SV

Smaller than a standard servo, the new S9170SV is optimised for aircraft usage, and includes metal gears for increased reliability, so is particularly useful for applications where the control surfaces are vulnerable to shock loads, for example slope soaring gliders. It is also designed for up to 7.4V operation, allowing the use of a 2 cell Li-Po.

New Power XLC-56HMB HV Digital Servo**£49.99**

A high quality, high power, HV servo suitable for many different types of model. Equally at home as a car steering servo or in an aircraft/helicopter where torque, holding power and precision are the prime requirements.

With metal gears, twin ball races, a coreless motor, plus metal centre body for heat dissipation, the XLC-56HMB is a pure professional level servo for discerning modellers. This servo has the advantage of being waterproof as well, not just water resistant.

Speed: 0.18secs @ 4.8V
 0.15secs @ 6V
 0.10secs @ 7.4V
Torque: 20 kg/cm @ 4.8V
 22.5 kg/cm @ 6V
 30 kg/cm @ 7.4V
Voltage: 4.8 - 7.4V
Motor: Coreless
Gear Type: Aluminium & Brass
Dimensions: 40.2 x 20 x 37.6mm
Weight: 56g

Aluminium centre body adds strength and dissipates heat!

Ripmax Quartz Servos



This new range of high quality, high performance servos are intended to appeal to discerning modellers that only want the best. The various combinations of composite and metal cases, ball-races, coated metal gears, regular and coreless motors plus digital amplifiers provide different solutions to just about every servo need. Whether you are looking for scale aircraft, jets, helis, boats or cars, there will be at least one servo in the range that offers the solution you need. If you want speed, we've got it! If you want power, we've got it! If you want slim, we've got it!

Servos with all metal cases are CNC machined from solid Aluminium for the very best in strength and rigidity. Gear trains can vary according to specification, with combinations of nylon, brass and aluminium as the base materials with coatings for wear resistance and friction reduction where appropriate. That usually means Titanium nitride. Coreless motors provide speed and power and the regular motors amazing prices.

Check through the specifications and performance and we are sure you will agree!

New Range!

Servo	Dimensions	Type	Voltage	Speed Seconds/60°	Torque	Weight	Motor	Gears	Case	Price
PQZ101	23 x 12 x 27mm	Digital	4.8 - 6.0V	0.08 sec @ 4.8V 0.06 sec @ 6.0V	2.54 kg/cm @ 4.8V 3.11 kg/cm @ 6.0V	20.3g	Regular	Aluminium with TiCn +brass	Aluminium	£25.99
PQZ201	30 x 10 x 35.5mm	Digital	4.8 - 6.0V	0.16 sec @ 4.8V 0.13 sec @ 6.0V	5.85 kg/cm @ 4.8V 7.21 kg/cm @ 6.0V	26.2g	Regular	Aluminium with TiCn +brass	Aluminium	£22.99
PQZ202	30 x 10 x 30mm	Digital	4.8 - 6.0V	0.13 sec @ 4.8V 0.11 sec @ 6.0V	4.51 kg/cm @ 4.8V 5.56 kg/cm @ 6.0V	23.1g	Regular	Aluminium with TiCn +brass	Aluminium	£21.99
PQZ203	30 x 10 x 30mm	Digital	4.8 - 6.0V	0.13 sec @ 4.8V 0.11 sec @ 6.0V	4.51 kg/cm @ 4.8V 5.56 kg/cm @ 6.0V	22.5g	Regular	Aluminium with TiCn +brass	Aluminium	£21.99
PQZ301	36 x 15 x 32.4mm	Digital	4.8V	0.06 sec @ 4.8V	2.54 kg/cm @ 4.8V	25.32g	Coreless	Plastic	Plastic & Aluminium	£14.99
PQZ302	36 x 15 x 32.4mm	Digital	4.8 - 6.0V	0.11 sec @ 4.8V 0.09 sec @ 6.0V	5.5 kg/cm @ 4.8V 6.6 kg/cm @ 6.0V	26.32g	Coreless	Aluminium with TiCn +brass	Plastic & Aluminium	£19.99
PQZ303	36 x 15 x 32.4	Digital	4.8 - 8.4V	0.06 sec @ 4.8V 0.04 sec @ 8.4V	3.54 kg/cm @ 6.0V 4.52 kg/cm @ 7.4V	26.32g	Coreless	Aluminium with TiCn +brass	Plastic & Aluminium	£21.99
PQZ304	35.5 x 15 x 28mm	Digital	6.0 - 7.4V	0.07 sec @ 6.0V 0.05 sec @ 7.4V	4.83 kg/cm @ 6.0V 6.25 kg/cm @ 7.4V	34.1g	Coreless	Aluminium with TiCn +brass	Plastic & Aluminium	£44.99
PQZ501	40.5 x 20.2 x 38mm	Digital	4.8 - 6.0V	0.15 sec @ 4.8V 0.13 sec @ 6.0V	8.65 kg/cm @ 4.8V 9.35 kg/cm @ 6.0V	62g	Regular	Aluminium with TiCn +brass	Plastic & Aluminium	£12.99
PQZ502	40.5 x 20.2 x 38mm	Digital	4.8 - 6.0V	0.16secs @ 4.8V 0.14secs @ 6.0V	17.25 kg/cm @ 4.8V 20.32 kg/cm @ 6.0V	62g	Regular	Aluminium with TiCn +brass	Plastic & Aluminium	£13.99
PQZ503	40.5 x 20.2 x 36.5mm	Digital	4.8 - 6.0V	0.08 sec @ 4.8V 0.06 sec @ 6.0V	3.71 kg/cm @ 4.8V 4.45 kg/cm @ 6.0V	49.4g	Coreless	Plastic	Plastic & Aluminium	£29.99
PQZ504	40.5 x 20.2 x 36.5mm	Digital	4.8 - 6.0V	0.12 sec @ 4.8V 0.10 sec @ 6.0V	11.53 kg/cm @ 4.8V 13.83 kg/cm @ 6.0V	61g	Coreless	Aluminium with TiCn +brass	Plastic & Aluminium	£31.99
PQZ505	40.5 x 20.2 x 36.5mm	Digital	4.8 - 6.0V	0.07 sec @ 4.8V 0.05 sec @ 6.0V	6.62 kg/cm @ 4.8V 6.73 kg/cm @ 6.0V	72g	Coreless	Aluminium with TiCn +brass	Aluminium	£49.99
PQZ506	40.5 x 20.2 x 36.5mm	Digital	6.0 - 8.4V	0.062 sec @ 6.0V 0.048 sec @ 8.4V	5.71 kg/cm @ 6.0V 7.22 kg/cm @ 8.4V	58.4g	Coreless	Aluminium with TiCn +brass	Plastic & Aluminium	£32.99
PQZ507	40.5 x 20.2 x 36.5mm	Digital	6.0 - 8.4V	0.095 sec @ 6.0V 0.072 sec @ 8.4V	8.75 kg/cm @ 6.0V 11.25 kg/cm @ 8.4V	59.3g	Coreless	Aluminium with TiCn +brass	Plastic & Aluminium	£32.99
PQZ508	40.5 x 20.2 x 36.5mm	Digital	6.0 - 8.4V	0.12 sec @ 6.0V 0.10 sec @ 8.4V	17.25 kg/cm @ 6.0V 20.32kg/cm @ 8.4V	59.3g	Coreless	Aluminium with TiCn +brass	Plastic & Aluminium	£32.99
PQZ509	40.5 x 20.2 x 36.5mm	Digital	6.0 - 8.4V	0.12 sec @ 6.0V 0.10 sec @ 8.4V	19.25 kg/cm @ 6.0V 23.93 kg/cm @ 8.4V	72g	Coreless	Aluminium with TiCn +brass	Aluminium	£49.99
PQZ601	60 x 29 x 57.1mm	Digital	6.0 - 7.2V	0.20 sec @ 6.0V 0.18 sec @ 7.2V	28.56 kg/cm @ 6.0V 30.35 kg/cm @ 7.2V	154g	Regular	Brass	Plastic	£34.99

Futaba 1800mAh Tx Ni-MH Packs

P-HT5F/1800B

This new higher capacity 1800mAh Futaba original Ni-MH battery pack is suitable for the 4PK, 4PX and 14SG transmitters and gives extended operating times allied to great reliability.

Dimensions: 44 x 17 x 84mm **Weight:** 165g
Voltage: 6.0V **Capacity:** 1800mAh

P-HT6F/1800B

Developed to increase the already long running times of 8FG and 12FG transmitters, this 1800mAh battery pack is an ideal replacement for older battery packs of lower capacity.

Dimensions: 130 x 34 x 17mm **Weight:** 180g
Voltage: 7.2V **Capacity:** 1800mAh



P-HT5F/1800B	6.0V 1800mAh Tx Ni-MH 4PK/14SG	£37.50
P-HT6F/1800B	7.2V 1800mAh Tx Ni-MH 8FG/12FG	£45.99

Ripmax Eneloop 2500mAh Battery Packs

Over the last few years the Eneloop Ni-Mh cells and battery packs have come to be the first choice for reliability and performance in AAA and AA sizes, with their miniscule loss of capacity during long term storage and excellent voltage under high discharge conditions and at low temperatures.

Now available are the Eneloop pro cells and packs which are typically of 2500mAh capacity, so ideal for those that want to enjoy even longer flying sessions.



O-4EN2500AASF	Ripmax 4.8V 2500mAh Eneloop Rx Pack Flat	£23.50
O-4EN2500AAWF	Ripmax 4.8V 2500mAh Eneloop Rx Pack Square	£23.50
O-5EN2500AAHF	Ripmax 6.0V 2500mAh Eneloop Rx Pack Hump	£28.50
O-5EN2500AASF	Ripmax 6.0V 2500mAh Eneloop Rx Pack Flat	£28.50
O-8EN2500AASF	Ripmax 9.6V 2500mAh Eneloop Tx Pack Flat	£44.99
O-8EN2500AAWF	Ripmax 9.6V 2500mAh Eneloop Tx Pack Square	£44.99
O-EN-2500AA	Ripmax 1.2V 2500mAh Eneloop Pro AA Ni-MH	£4.49

Futaba ZH Servo Leads



Comprising two ranges, these ZH adapter/extension leads have been developed alongside the smaller Futaba SVi servos that utilise Futaba's innovative i-connector system. There are five servo leads ranging in length from 100mm to 400mm, these having a standard Futaba connector on one end and a ZH on the other, and then three ZH to ZH extension leads for use with the twin socket S3173SVi servo, enabling the servos to be connected in series.

P-EBB0152	Futaba to ZH Servo Lead (100mm)	£4.50
P-EBB0153	Futaba to ZH Servo Lead (150mm)	£4.99
P-EBB0154	Futaba to ZH Servo Lead (200mm)	£5.50
P-EBB0155	Futaba to ZH Servo Lead (300mm)	£5.99
P-EBB0156	Futaba to ZH Servo Lead (400mm)	£6.50
P-EBB0157	ZH to ZH Extension Lead 400mm (S3173SVi)	£4.99
P-EBB0158	ZH to ZH Extension Lead 500mm (S3173SVi)	£5.50
P-EBB0159	ZH to ZH Extension Lead 600mm (S3173SVi)	£5.99

Ripmax Safety Servo Lead Locks (Pk6)



Simple, lightweight & effective, these brand new Safety Lead Locks make securing servo extension leads a doddle. Don't risk a plug pulling out of a socket, just pop a Safety Lead Lock on and you know it's really secure. Before they were only available in orange and pink (Part Number: P-RMXSLL) but now they are available in clear or a pack of green and blue. 6 lead locks are supplied in each pack.

P-RMXSLLC	Safety Lead Lock (Pk6) Clear	£2.30
P-RMXSLLGB	Safety Lead Lock (Pk6) Green/Blue	£2.30

Deluxe Materials Glue 'n' Glaze

£6.50



Glue 'n' Glaze has been developed specifically for use with clear plastic parts or for making small windows. This liquid plastic film-forming polymer bonds most plastics and dries to crystal clear film. It is suited for use on miniature windows such as on OO gauge trains or up to 6mm across. It won't smear or fog clear plastics which also makes it suitable for use on scale aircraft, plastic canopies and glazing dolls houses.

Glazing Windows (Up to 6mm):

Use the micro tip to apply Glue 'n' Glaze to the window edge. Gradually add glue and draw the film across the opening.

Bonding Canopies:

Apply to the parts to be bonded and hold in place (approx. 15 min) until dry and remove the excess with water.

- Bonds Wood, Plastic, Metal & Painted Surfaces
- Water Based & Non-Flammable
- Includes Tip for Precise Application

Deluxe Materials Strip Magic

£9.50

Removes paint one layer at a time!

Deluxe Materials offer a new addition to their growing range. Strip Magic is formulated specifically for the removal of paint or decals where the base material does not want disturbing. Strip Magic will not attack or dissolve resin, plastic or metal and as a result is not only very easy to use but simple and effective, too. Supplied in a 125ml bottle with point applicator.

- May be Used on Plastic, Resin & Alloy
- Non Corrosive & Non Flammable
- Fast Acting and Controllable Action
- Works on all Types of Paint and Primers
- Removed with Rubbing Alcohol IPA

Strip Magic brushed over face, softens paint without damaging the surface...

Clean away the paint with methylated spirit soaked swab... back to bare material without harming the resin.

No need for rinsing in water - figure can be primed and repainted after allowing the methylated spirit to evaporate fully.

Part Number: S-SE73

Deluxe Materials Ballast Bond

£5.50

Ideally suited to easy bonding of railway ballast & scatters, with rapid spreading and offering a clear matt finish. Deluxe Materials' Ballast Bond is a ready to use, super thin, instant wetting liquid adhesive supplied with a Rocket applicator tip for precise application.

- Low Viscosity and Capillary Action Ensures Efficient Spreading
- Biocide Protected
- Safe Formula
- 100ml Bottle

Dries Clear



Precision Nozzle



Part Number: S-SE75

Easy to Apply!

Deluxe Materials Ballast Magic Kit

£14.99

Part Number: S-SE76



Perfect for use on large areas

Ballast Magic kit is the perfect solution to positioning that fiddly railway ballast, scenic groundwork and bonding debris exactly how you intend! Ballast Magic offers instant grab with adjustment, simply mix with scatter and brush into place. Then, using the Ballast Spray Bottle, simply spray water over the area to set the Ballast Magic as required. As with all Deluxe Materials products, ease of use is paramount; there are no exceptions here! Should you wish to change layout, simply remove with hot water.

This ready to use kit includes:

- Ballast Magic Powder
- Mixing Beaker
- Spatula
- Spray Bottle for Water

Scenic Modeller's Dream!

Deluxe Materials Power Model 2T-S Oil

£14.99



POWER MODEL 2T-S

Power Model 2T-S is specially formulated for your model petrol engine, with special high temperature protection for air-cooled engines. It will also give superior control against piston deposits, yielding cleaner emissions. Primarily designed for 50/1 use, as it has very high film strength and is tested over extended periods at 50/1 and above. Using 50/1, the engine will offer superior throttle response and save you money on the oil bill!

Power Model 2T-S comes in a specially designed bottle which makes measuring the amount of oil you require fool-proof. Simply close the cap and squeeze the oil into the reservoir and then add to your fuel. The oil is dyed to show the mixture has the oil in it. There is also a handy mix chart on the back of the oil pack enabling hassle-free mixing!

- High Quality 2-Stroke Oil
- Up to 50/1 Mix
- Heat Protection
- 500ml Easy Mix Pack

Suitable for use with all 2 Stroke, Petrol Model Engines!



Oil Flows

PowerModel 2T-S High Temperature Protection
JASO Test Method 340-92 ISO 13738



Engine Torque (Nm)	PowerModel 2T-S Temp (°C)	High Performance Motorcycle Oil Temp (°C)
0.1	~250	~240
0.2	~270	~260
0.3	~290	~280

Part Number: V-LU01

Slimline Pilot Busts

£19.99

Pilot Figures



H: 90mm
W: 90mm

Flyboy



H: 82mm
W: 84mm

Joe



H: 84mm
W: 90mm

G-Man



H: 85mm
W: 85mm

Kurt



H: 85mm
W: 67mm

Pamela



H: 89mm
W: 91mm

Gramps



H: 89mm
W: 91mm

Kamikazee



H: 86mm
W: 85mm

Anthony



H: 91mm
W: 86mm

Ice Man



H: 92mm
W: 67mm

Goose



H: 102mm
W: 76mm

Undead Ace



H: 89mm
W: 85mm

Dick



H: 97mm
W: 87mm

Duke



H: 86mm
W: 81mm

Adolf

Highly Detailed

F-SLN7000	Slimline 'Flyboy' Pilot Bust	£19.99
F-SLN7001	Slimline 'Joe' Pilot Bust	£19.99
F-SLN7002	Slimline 'G-Man' Pilot Bust	£19.99
F-SLN7003	Slimline 'Kurt' Pilot Bust	£19.99
F-SLN7004	Slimline 'Pamela' Pilot Bust	£19.99
F-SLN7005	Slimline 'Gramps' Pilot Bust	£19.99
F-SLN7006	Slimline 'Kamikazee' Pilot Bust	£19.99
F-SLN7008	Slimline 'Anthony' Pilot Bust	£19.99
F-SLN7009	Slimline 'Ice Man' Pilot Bust	£19.99
F-SLN7010	Slimline 'Goose' Pilot Bust	£19.99
F-SLN7011	Slimline 'Undead Ace' Pilot Bust	£19.99
F-SLN7020	Slimline 'Dick' Pilot Bust	£19.99
F-SLN7021	Slimline 'Duke' Pilot Bust	£19.99
F-SLN7022	Slimline 'Adolf' Pilot Bust	£19.99

Are you bored of the usual plain model pilots?

These 13 caricature pilot busts add some light hearted fun to any model. Moulded hollow from tough plastic and pre-painted with incredible detail they only require installation!

**Pre-finished
1/6 Scale!**

Slimline



This catalogue is produced entirely in-house by the Ripmax Graphics Department.

Compiled by:

Alan Wood, Alex Ottway, Bob Hales, Colin Straus, Mark Wood & Nick Moss

Designed and Created by:

Alan Wood and Alex Ottway

