

CATALOG UPDATE



SIG®

SIG FOUR-STAR 120 ARF

THE TRADITION CONTINUES ...BIGGER DOES FLY BETTER



The FOUR-STAR 120 ARF is an easy to fly, easy to assemble, good-looking introduction to giant scale aircraft that is also an ideal first low wing airplane. Its gentle handling will set the low time flyer at ease but it is capable of satisfying the advanced flyer with its maneuverability and smooth handling. This is a sport model you will want to take to the field every time. You will love the two-piece wing that makes storage and transport easy. The FOUR-STAR 120 ARF has been engineered to get you into the air as quickly as possible with an R/C model that will truly last. The balsa airframe has been expertly built making extensive use of lite-ply for strength and covered with high quality polyester film. Checkerboard film is used on the bottom of the wing and horizontal stabilizer to make this model visible even at extreme distances. Includes virtually everything to complete your model including engine mount, fuel tank, matching anodized aluminum landing gear, factory-painted fiberglass wheel pants, wheels, deluxe tailwheel assembly, SIG spinner, pushrods, linkages and decals. Assembly is super quick using the detailed, fully illustrated assembly manual.

KEY FEATURES

- Two Piece Wing For Easy Transport
- Professionally Covered With High Quality Polyester Film
- High Visibility Checker-Board Trim
- Fiberglass Wheel Pants
- Deluxe Tailwheel Assembly
- IMAA Legal
- Low Wing Loading Gives Outstanding Slow Speed Characteristics
- Pull-Pull Rudder Linkage

Specifications:

Wing Span:	81 in. (2057 mm)
Wing Area:	1205 in ² (77.7 dm ²)
Length:	65 in. (1651 mm)
Flying Weight:	11.5 - 12 lbs. (5220 - 5440 g)
Radio Required:	4 Channel w/5 servos (rudder servo 80 oz./in. minimum and 1200 mAh receiver battery required)
Engine:	.90 - 1.20 in ³ (15 - 20 cm ³) 2-Stroke 1.20 - 1.50 in ³ (20 - 26 cm ³) 4-Stroke

Four-Star 120 ARF, Red Order No. **SIGRC65ARFR**
Four-Star 120 ARF, Yellow Order No. **SIGRC65ARFY**





P-51B MUSTANG ARF

Prior to production of the P-51B, fighter escorts such as the P-47 did not have the required range and had to turn back, leaving the bombers to make their bombing runs with no fighter protection. North American Aviation went to work delivering the first P-51 prototype in just 102 days and it was a remarkable step forward in fighter performance. The P-51B could climb to 20,000 feet in under 6 minutes and fly 440 mph at altitude - faster than any other fighter plane at the time. Most importantly, it was the range of 1080 miles (a whopping 2600 mile range with drop tanks), which enabled the P-51B to escort the bombers all the way to Berlin.

The SIG P-51B Mustang ARF is modeled after the famous "Shangri-La" which was so effective in combat that Gen. Eisenhower once remarked to pilot Don Gentile, "You are a one man air force!" The SIG P-51B is loaded - flaps, retracts, complete "Shangri-La" decal set, painted fiberglass cowl, molded canopy, spinner, wheels, engine mount, fuel tank and detailed illustrated assembly manual. The model is hand built from balsa and plywood and expertly covered with high quality polyester film.

As you would expect from SIG, this is a show-stopper - a scale ARF model that others will land their planes to watch fly. The real fun comes when you suck up the landing gear. This is what the Mustang was born to do, race across the ground at a full gallop. Yet, when you lower the flaps and landing gear, the model slows to an easy, predictable touchdown. Controls: rudder, elevator, ailerons, flaps, retracts, throttle.

Order No. SIGRC103ARF

Specifications:

Wing Span:	66.9 in. (1700 mm)
Wing Area:	770 in. ² (49.67 dm ²)
Length (incl. spinner):	55.9 in. (1420 mm)
Flying Weight:	8.0 - 8.5 lbs. (3.63 - 3.86 kg)
Wing Loading:	23.9 - 25.4 oz./ft. ² (73.1 - 77.6 g/dm ²)
Scale of Model:	approx. 1/6.6
Engine:	.90 - 1.00 in. ³ (15 - 16.4 cm ³)
Radio:	2-Stroke or 4-Stroke Glow Engine
	6-channel radio system, 8 servos*

*7 standard servos and 1 retract servo



P-51B includes the pictured Mustang Retract set.

SIG P-51B MUSTANG RETRACT

Mechanical retract set included with the P-51B

Order No. SIGRPSH885



PRO-BALANCER

SIG PRO-BALANCER

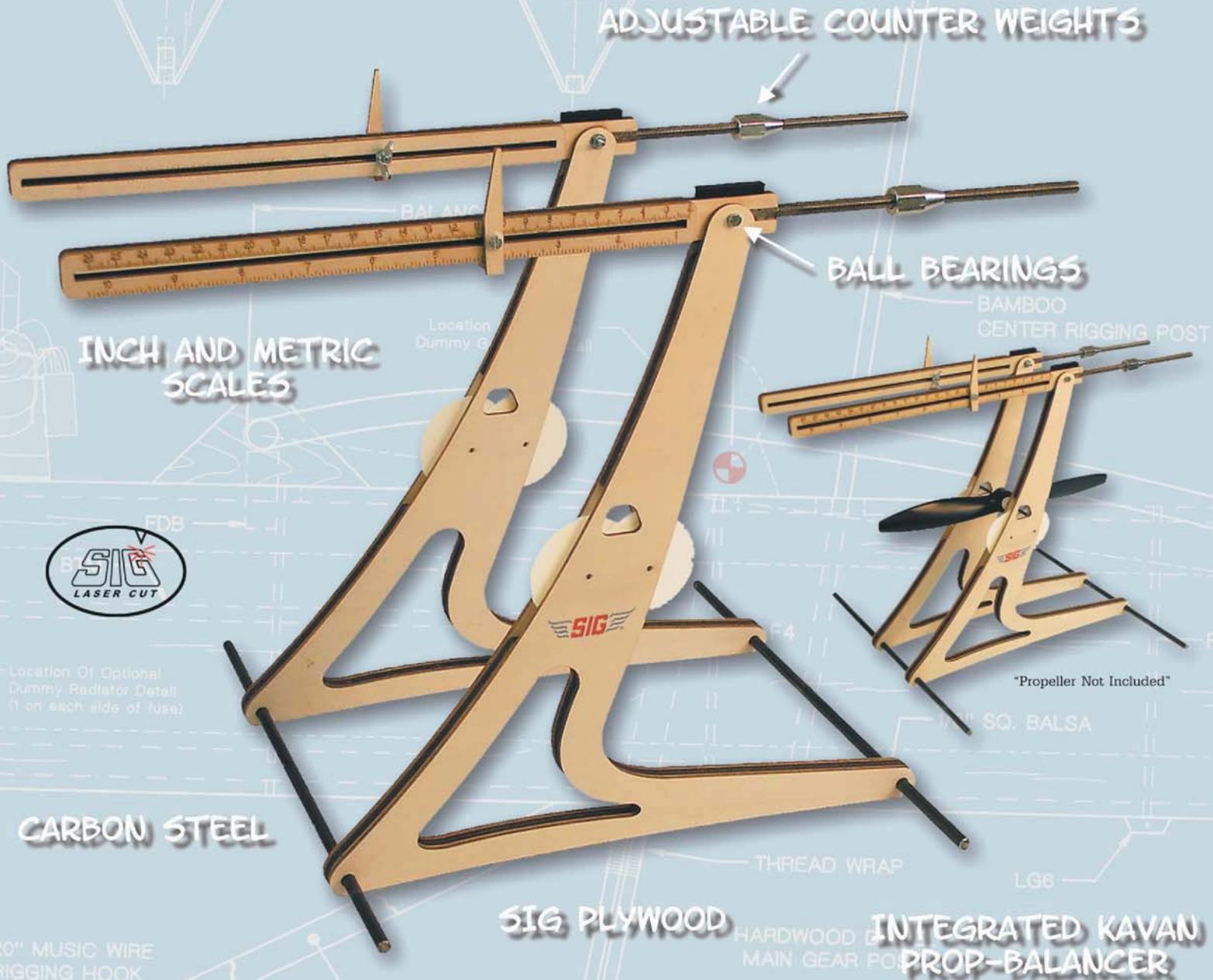
Serious Equipment for Serious Modelers!

Balance! The wrong center of gravity (especially tail-heavy), will turn your model from an eagle into a turkey. Just a fraction of an inch change in balance point can make the difference between a solid performer and an airplane you have to fight just to get back down in one piece. Even if you only fly pre-built ARF models, don't overlook this critical step. Balsa wood is a natural product and the weight of the wood can vary. Together with differences in engine and radio selection, your new ARF model may be far out of balance and needs to be checked.

An out of balance propeller is often the cause of poor engine performance, poor fuel flow (caused by engine foaming), and even radio problems due to excess engine vibration.

With the SIG PRO-BALANCER, you can quickly balance your model and propellers from one simple device. The PRO-BALANCER will handle nearly every model in your fleet (fuselage widths up to 11 in / 28 cm) and any size model propeller. The PRO-BALANCER uses carbon steel, laser cut SIG plywood and is equipped with ball bearings so it will last for years. Strong, precise, accurate - the SIG PRO-BALANCER.

SIG PRO-BALANCER Order No. SIGSH900



KADET SENIORITA EP

ALMOST READY TO FLY



An ARF Electric-Powered Edition Of A Classic R/C Trainer & Sport Model

Since its introduction in 1987, the KADET SENIORITA has been built and flown by literally tens of thousands of beginning R/C pilots, helping them to earn their "R/C wings". The designer, R/C pioneer Claude McCullough, knew that the key to learning how to fly an R/C model was being able to slow the model down to allow the pilot time to think about their next control input. That concept is still true today and makes this new KADET SENIORITA EP ARF a perfect choice for your first R/C airplane.

This KADET SENIORITA EP ARF is made for electric power! It's almost as if Claude McCullough had electric power in mind when he designed the first SENIORITA - light and strong, little has been changed from the original kit design, except for the motor mounting and cowl, and the addition of ailerons! With a modern brushless motor and li-po batteries, you will enjoy 15+ minute flights, ranging from incredibly slow flight for the beginner to enough aerobatic performance to satisfy an experienced R/C pilot. From your first solo flight to beyond, the KADET SENIORITA EP ARF can teach you touch and go landings, loops, rolls, inverted flight and more, all easily and gracefully performed.

The KADET SENIORITA EP ARF is not constructed like your typical ARF! This airplane is handcrafted using the timeless balsa stick and sheet structures that previously you could only get by building it yourself. It's professionally covered in transparent red covering with black and silver trim. Other features include a pre-installed molded windshield and side windows, excellent hardware, wheels, spinner, decals, and a complete step-by-step fully illustrated assembly manual. Controls: rudder, elevator, ailerons, motor

Order No.: SIGRC60ARF

Specifications:

Wing Span: 63 in. (1600 mm)
 Wing Area: 750 sq. in. (48.4 sq. dm)
 Length: 52 in. (1320 mm)
 Flying Weight: 74 oz. (2097 g)
 Wing Loading: 14.2 oz./sq. ft. (43.3 g/sq. dm)

Items Needed To Complete Kadet Seniorita EP ARF:

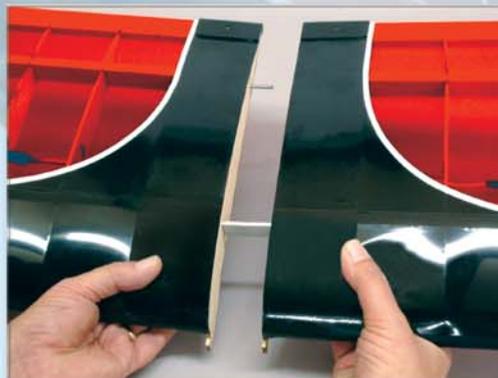
Motor: 400 Watt Brushless Outrunner (such as Himax™ HC3522-0990)
 Battery: 3-Cell 3300 mAh Lithium Polymer (such as Order No. RCSSAF07023)
 ESC: 45A (minimum)
 Radio: 4-Channel with 4 Standard Servos
 (2) 12 inch long servo extensions
 (1) standard Y-harness chord



Includes pre-installed molded plastic windshield and side windows, plus molded plastic cowling with matching spinner



Large tail surfaces and light weight construction give the Kadet Seniorita EP ARF legendary stability at low flight speeds



The Kadet Seniorita EP ARF features a removable 2-piece bolt-on wing with a strong aluminum joiner. Easy to transport!



SIG Manufacturing Company, Inc.

P.O. Box 520 • 401-7 South Front Street
 Montezuma, Iowa 50171-0520 USA
 Phone: (641)623-5154 • Fax: (641)623-3922
 Website: www.sigmf.com • E-Mail: mail@sigmf.com



Order No. SIGRC106

SIG FOUR-STAR 20 EP KIT

Building on the 20-year reputation of the original Four-Star line of great sport airplanes, we bring you this highly requested version designed for electric power. Like its older siblings it retains the easy and relaxed flying characteristics of the Four-Stars. Open the throttle and increase the control throws and it will do about any wild maneuver your thumbs can dream up. Add to this the portability of a smaller size and the quietness and convenience of electric power and you have another winner for sport flying. While designed for electric power it is configured to easily convert to glow engine power in the .15 to .25-engine range so you have the best of both worlds.

Specifications:

Wing Span:	48 in. (1219 mm)
Wing Area:	430 in ² (27.7 dm ²)
Length:	38 in. (965 mm)
Flying Weight with 250-watt motor and 3s1p 2200 mAh lipo:	2-1/2 lbs. (1130 g)
Wing Loading:	13.4 oz./sq. ft. (40.8 g/dm ²)
Radio Required:	4-Channel with 4 mini servos
Power Required:	250 to 350 watt electric motors or .15 to .25 glow engines
Prop:	9x6 APC ThinElectric



KEY FEATURES:

- Laser cut parts
- Full size plans
- Light weight balsa construction except for key parts
- Fast building wing
- Tab locked fuselage
- Photo illustrated instruction manual
- Durable aluminum landing gear
- Molded canopy
- Molded cowl
- SIG Easy Hinges
- Large decal sheet
- Pushrods
- Hardware pack

SIG FOUR-STAR 20 EP KIT Order No. SIGRC106

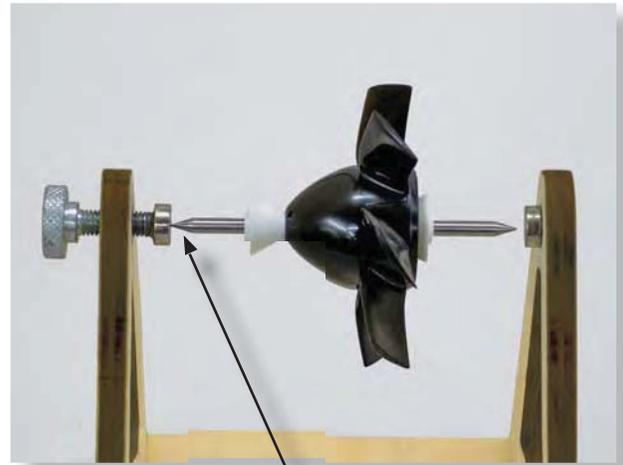


Order No. SIGRC106





Order No. SIGSH903



For minimal friction, only one end of the shaft touches a magnet

SIG Fan Balancer KIT

With today's electric ducted fans spinning at over 30,000 rpm's, having a balanced fan has never been more critical. At these high rpm's, a difference in just a few tenths of a gram can lead to excessive vibration and a reduction in thrust.

The SIG Fan Balancer is a precision, high-tech instrument capable of detecting the smallest out of balance situation. It all starts with the shaft. The shaft on the Fan Balancer is made from high-speed steel (the same steel used for drill bits and machine tools) manufactured to a straightness of 1/1,000 mm and utilizing precision machine ground ends. Then the shaft is suspended between two powerful rare earth magnets. All that would make for a good fan balancer but at SIG, we went the extra step. We added an adjustment screw so that you can precisely adjust the spacing so that only ONE end of the shaft is touching a magnet. This provides for the least amount of possible friction.

Your electric ducted fan model airplane is a marvel of model engineering. Shouldn't your fan balancer be just as sophisticated? Also does a fantastic job of balancing small propellers.

SIG Fan Balancer KIT Order No. SIGSH903

SIG Surface Indicator Gauge S.I.G. KIT

You've finally finished your dream model. The center of gravity is right on, the prop is balanced, and all the controls are hooked up and functioning perfectly. But wait, what about the control throws? Every model airplane KIT and ARF have a specified control surface travel for each control surface. Making sure that your model matches the designer's specifications will turn a twitchy, nerve-racking handful of a model into a pussycat. Coming in on a dead-stick, final approach is not the time to find out that you don't have enough elevator control throw to keep the nose up!

The SIG Surface Indicator Gauge enables you to accurately measure and set your control surface throws. It works either in a vertical direction for rudders or in a horizontal direction for elevators, ailerons and flaps. The control throws are easily measured, without the need of a third Hand, on the laser-inscribed gauge in standard measurements on one side or metric on the other side. Available in two sizes. The smaller size works on control surfaces up to 89 mm (3 1/2 in.) wide which are typically found on planes up to about .60 size. The larger size is for control surfaces measuring up to 152 mm (6 in.), which includes models as large as 1/4 scale.

SIG S.I.G. KIT Small
SIG S.I.G. KIT Large

Order No. SIGSH901
Order No. SIGSH902



Order No. SIGSH901



SIG E-PRO-BOX KIT

The new SIG E-PRO-BOX has been especially designed for the hobbyist whose specialty is electric powered models. The E-PRO-BOX has room for everything one would need out at the field for airplanes, boats, etc. All compartments and features are designed with the electric modeler in mind.

The E-PRO-BOX is equipped with an extra large battery compartment which can carry gel cells up to 36000 mAh for charging purposes and/or for the optional SIG Battery Warming Box. Low outside temperatures rob LiPo batteries of their full power. To negate this affect, SIG has developed an optional insulated, all metal battery warming box which will keep your charged LiPo batteries at their peak power. So when the temperature dips at the flying field, the warming box will keep your LiPo's at their full power. As in all our field box products, all parts are precision laser cut from 1/4" (6 mm) SIG plywood.

Features...

- Convenient space for chargers
- Large, adjustable cradle on top to hold airplanes, boats etc.
- Banana plugs included for easy access to the 12 volt battery(s)
- Sturdy carrying handle
- A covered compartment on top with a hinged lid
- Optional wheel kit with aluminum handle (Order No. SIGBX004B)
- Optional metal, electric warming box (Order No. SIGBX004A)

Designed by modelers for modelers

Top quality SIG design and customer support

SIG E-PRO-BOX KIT Order No. SIGBX004



Complete equipped
SIG E-PRO-BOX



SIG Universal Wheel Add-On for Field Boxes

With 2x 12 V batteries and a full compliment of tools, the E-PRO-BOX can get really heavy in a hurry! So if you aren't built like Arnold Schwarzenegger or just want to save your back, the optional SIG Wheel kit is what you need. Simple installation, all hardware included and you can easily roll your field box at the flying field. Light weight aluminum handle is removeable for transport. Can also be installed on field boxes other then SIGBX004.

SIG Wheel Add-On Order No. SIGBX004B



SIG Battery Warming Box

Why do you need the new SIG Battery Warming Box? Because, you want to have your batteries at the highest power level they can produce! The SIG Battery Warming Box is made out of steel and is isolated with foam to hold the optimum LiPo temperature. The box works with 12 VDC and is equipped with an electric thermostat that can be adjusted to the optimum temperature for your particular batteries. For example, for LiPo cells this is approximately 38-40 °C (100 - 104°F). A small fan inside the box circulates the air so that the temperature is kept evenly throughout the box. The thermostat automatically cycles the warming element on and off to keep the load on the 12 V battery(s) as low as possible. The SIG Battery Warming Box can be used either as a stand-alone device or in perfect combination with the SIG E-PRO Field Box.

SIG Battery Warming Box Order No. SIGBX004A



SIG Battery Warming Box



SIG RASCAL EP-49

Almost Ready To Fly Brushless Electric Powered R/C Airplane

The all-new Rascal EP-49 ARF retains all the good looks of the original, but now the performance has been dramatically improved. Updated with ailerons for more precise control and a new, more powerful brushless motor with brushless compatible ESC for great climb performance and duration.

The new brushless motor and ESC combination really provides a serious amount of power and duration, making the RASCAL EP-49 ARF one very nice performing airplane! The Rascal is available in two colors, brilliant white and transparent red or brilliant white and transparent yellow. Controls: Rudder, Elevator, Ailerons and Motor.

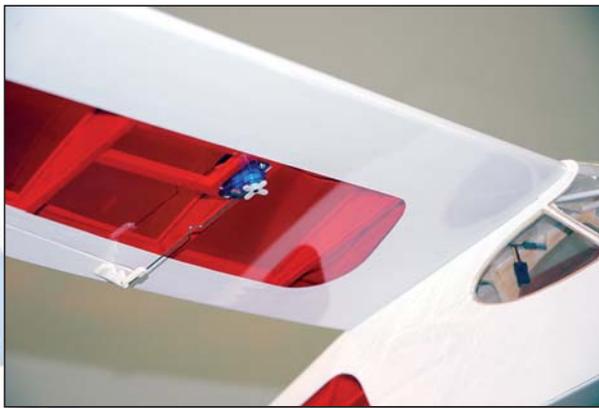
ARF Features:

- Factory-Built All Wood Airframe
- Premium Iron-On Polyester Covering
- Available in two different, attractive color schemes
- Performance Matched Power System consisting of a Brushless Outrunner Electric Motor, ESC, and Prop
- Complete high quality hardware
- Fully illustrated step-by-step assembly manual

Specifications:

Wingspan: 49 in. (1245 mm)
Wing Area: 324 in.² (20.9 dm²)
Length: 32-1/2 in. (825.5 mm)
Flying Weight: 22 to 25 oz. (624 to 700 g)
Power: Brushless Outrunner Electric Motor, ESC & Propeller included
Radio Required: 4-Channel with 4 micro servos and micro receiver
Battery Required: 3s1p 850-1300 mAh Li-Po

Order No. SIGRC107ARFR (white & red)
SIGRC107ARFY (white & yellow)



Now with ailerons...

AND



Brushless Outrunner Motor



KAVAN Starter Adapter for R/C Cars

KAVAN Starter Adapter for R/C Cars

Precisely machined from aluminum and hardened steel. Works perfectly with KAVAN's Planetary Gear Starter (Order No. KAV0111). Available in two sizes: 6 mm and 8 mm hexagonal "ball".

KAVAN Starter Adapter for R/C Cars, 6 mm **Order No. KAV0118A**

KAVAN Starter Adapter for R/C Cars, 8 mm **Order No. KAV0118B**





KADET LT-40 EG ARF

ALMOST READY TO FLY

**NEW
VERSION!**

AVAILABLE
AS A KIT TOO!



SPECIFICATIONS:

Wing Span:	70 in.	(1778 mm)
Wing Area:	900 sq. in.	(58.1 dm ²)
Length:	57 in.	(1447 mm)
Flying Weight:	6 - 6.25 lbs.	(2720 - 2835 g)
Wing Loading:	15 - 16 oz./sq. ft.	(47 - 49 g/dm ²)
Radio Req.:	4-Channel with 4 Standard Servos	
Glow Power:	2-Stroke .40 - .46 cu. in.	(6.5 - 7.5 cc)
	4-Stroke .40 - .54 cu. in.	(6.5 - 8.8 cc)
Electric Power:	500 watt (3528 - 1000kv) Brushless Motor; 50 - 60A ESC; Lipo Battery Pack	
ARF Order No.:	SIGRC67EGARF	
Kit Order No.:	SIGRC67	

Fly With Electric Or Glow Power!

The SIG KADET LT-40 EG is the latest ARF rendition of America's favorite R/C trainer, now redesigned to accommodate either electric or glow power. Like all SIG KADETS, the LT-40 EG behaves perfectly in flight with true "hands off" stability. It's large size and light wing loading lets it fly slower than other trainers. Slower speed gives the student pilot more time to think and react to what the model is doing. That makes learning to fly R/C quicker and easier!

This beautifully handcrafted airplane takes no shortcuts in quality of materials or workmanship. No foam - this is a traditional all-wood model airplane, which means it's light, strong and durable! Expertly covered with UltraCote® (aka ORACOVER®) premium polyester covering material. The LT-40 EG ARF is engineered for quick assembly with a minimal number of parts. A photo illustrated assembly manual takes you easily through each step. Quality hardware includes spinner, wheels, pushrods, fuel tank, etc.

You won't find a better way to get started in R/C flying than with the KADET LT-40 EG ARF.



For ELECTRIC POWER use a 500 watt Brushless Outrunner Motor, 50 - 60A ESC, & Lipo Battery



Removable Hatch Allows Easy Access To The Battery Pack (electric power) or Fuel Tank (glow power)



KADET SENIOR EG ARF

ALMOST READY TO FLY

**NEW
VERSION!**

**AVAILABLE
AS A KIT TOO!**



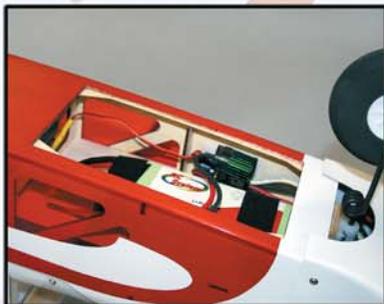
SPECIFICATIONS:

Wing Span:	80.5 in.	(2045 mm)
Wing Area:	1180 sq. in.	(76.1 dm ²)
Length:	64.75 in.	(1645 mm)
Flying Weight:	6 - 6.5 lbs.	(2720 - 2950 g)
Wing Loading:	11.7 - 12.7 oz./sq. ft.	(36 - 39 g/dm ²)
Radio Req.:	4-Channel with 5 Standard Servos	
Glow Power:	2-Stroke .40 - .46 cu. in.	(6.5 - 7.5 cc)
	4-Stroke .50 - .61 cu. in.	(8.1 - 10 cc)
Electric Power:	500 watt (3528 - 1000kv) Brushless Motor; 50 - 60A ESC; Lipo Battery Pack	
ARF Order No.:	SIGRC58EGARFB - White/Trans. Blue SIGRC58EGARFR - White/Trans. Red	
Kit Order No.:	SIGRC58	



Electric Motor

ELECTRIC POWER: 500 watt Brushless Motor; 50 - 60A ESC; Lipo Battery



Removable Hatch Allows Easy Access To Battery Compartment



2-Piece Wing For Easy Transport

Fly With Electric Or Glow Power!

Originally designed for training, tens of thousands of newcomers have successfully learned to fly with a SIG KADET SENIOR. Even experienced R/C pilots enjoy the SIG KADET'S slow leisurely flight characteristics - doing touch and go landings at the speed of a walk. The KADET SENIOR is also a versatile workhorse - float flying, banner or glider tow, airborne camera, parachute drop, night flying with add-on lights, and just about any other load carrying task is easy for the giant KADET SENIOR. The huge 2-piece wing is IMAA legal at 80-1/2" span and provides massive lifting ability.

The KADET SENIOR EG ARF gets you in the air quickly. Each part is meticulously built using quality woods and factory covered with premium UltraCote® (aka ORACOVER®) transparent red or blue, which lets the beautiful woodwork show through. The KADET SENIOR EG ARF is 90% assembled and includes a rugged fiberglass cowl, a complete hardware package and fully illustrated, step-by-step assembly manual.

RASCAL 110 ARF

ALMOST READY TO FLY



**NEW
VERSION!**

A GIANT VERSION OF A CLASSIC DESIGN, NOW WITH FLAPS!

The legend of the SIG Rascal began with a small rubber-powered free-flight model in the 1950s. Adapted for modern radio control, the Rascal's classic good looks and dream-come-true flying characteristics have made it the favorite everyday airplane of thousands of R/C pilots. With a wingspan of more than 9 feet, the Rascal 110 ARF is one of the few giant size models that you will be comfortable taking to the field and flying every day.

The Rascal 110 ARF flies as good as it looks! Streamlining and a high performance airfoil allow the Rascal 110 ARF to do maneuvers better than typical high wing designs. Slow rolls, point rolls, extended inverted flight, Cuban 8s, are all part of the Rascal 110's aerobatic routine. The light wing loading of the Rascal 110 ARF also makes it a versatile workhorse. Float flying, banner or glider tow, onboard video or camera work (several universities and the military are using them), parachute drop, night flying with add-on lights, and just about any other load carrying task is easy for the giant RASCAL 110 ARF. Available in two color schemes, the Rascal 110 ARF is meticulously covered with premium UltraCote® (aka ORACOVER®) film.

SPECIFICATIONS:

Wing Span:	110 inches	(2794 mm)
Wing Area:	1522 sq. inches	(98.2 dm ²)
Length:	75.75 inches	(1924 mm)
Flying Weight:	11 - 13 lbs.	(4990 - 5897 g)
Wing Loading:	17 - 20 oz./sq.ft.	(51 - 60 g/dm ²)
Glow Power:	2-Stroke 1.2 - 1.5 cu. in.	(19.7 - 24.6 cc)
	4-Stroke 1.2 - 1.8 cu. in.	(19.7 - 29.5 cc)
Gas Power:	1.2 - 1.5 cu.in.	(19.7 - 24.6 cc)
Electric Power:	1600 watt (6320 - 250kv) Brushless Motor; 80A ESC; Lipo Battery Pack	
Radio Req.:	5-Channel with 7 Heavy-Duty Servos	
Order No.:	SIGRC84ARFB - White/Trans. Blue SIGRC84ARFR - White/Trans. Red	



2-Piece Wing For Easy Transport



Operating Flaps On 5th Channel



KADET EP-42B ARF

ALMOST READY TO FLY

**NEW
VERSION!**



Electric Powered Trainer! w/Brushless Motor and Speed Control

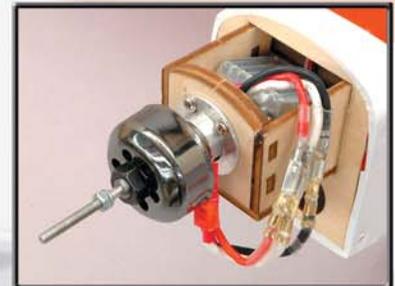
The Kadet EP-42B ARF was conceived as the very definition of an R/C electric trainer. In the air, the Kadet EP-42B ARF has a large speed envelope, allowing it to be flown as slowly as needed for beginning pilots. Wind? The included RCS brushless motor is whisper quiet and powerful, which is fully capable of flying the Kadet EP-42B ARF smoothly through most any normal wind conditions.

The SIG Kadet EP-42B ARF is truly a "quick build"! Includes factory installed windows, a "quick change" battery hatch, pre-wired, powerful RCS Simplex brushless motor and 18 amp ESC, 8-1/2 x 8 propeller, quality hardware, cowling, fully illustrated, step-by-step assembly manual, and decals. Available in two color schemes, the Kadet EP-42B ARF is meticulously covered with premium UltraCote® (aka ORACOVER®) film.

SPECIFICATIONS:

Wing Span:	42 in.	(1067 mm)
Wing Area:	330 sq. in.	(21.3 dm ²)
Length:	34 in.	(864 mm)
Flying Weight:	24 - 26 oz.	(680 - 737 g)
Radio Req.:	4-Channel, Micro Receiver, 4 Micro Servos	

Order No.: **SIGRC104ARFB - White/Trans. Blue**
SIGRC104ARFR - White/Trans. Red



Kit includes a powerful and easy to install RC System Simplex 3D brushless motor and ESC.



Removable battery compartment hatch with clever plastic latch mechanism built in.



SIG Mfg. Co., Inc.

Combo Packages!

Popular SIG aircraft with an included AviaStar 2-stroke Glow Engine.



SIG LT-40 ARF with AVI .46 COMBO
Order No. SIGRC67EGARFC



SIG Four-Star 40 ARF, Red with AVI .46 COMBO Order No. SIGRC44ARFRC
SIG Four-Star 40 ARF, Yellow with AVI .46 COMBO Order No. SIGRC44ARFYC



SIG MAYHEM 40 ARF with AVI .46 COMBO
Order No. SIGRC98ARFC



SIG RASCAL 40 ARF, Blue with AVI .46 COMBO Order No. SIGRC83ARFBC
SIG RASCAL 40 ARF, Red with AVI .46 COMBO Order No. SIGRC83ARFRC

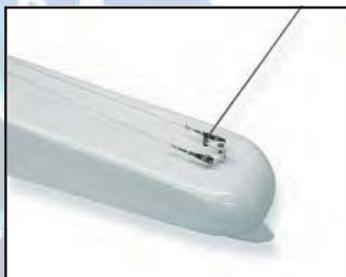


Each Combo includes an .46 AviaStar Engine

SIG Wood Floats RTF

Pre-built and ready to use, the SIG Wood Floats RTF will quickly convert your landlocked model aircraft for water use. The floats include twin water rudders, hardware and everything needed for mounting and control. The .40 Class Floats use a clever but effective connection to drive the water rudders from the aircraft's rudder while the 1.20 class floats use a pull-pull water rudder system. Built from lite-ply and balsa and pre-covered in SIG AeroKote® using a proven watertight seam overlap technique, the floats are light, strong and perform beautifully. The .40 Class Floats are ideal for aircraft up to 7 lbs (3175 g) while the 1.20 Class Floats are for larger aircraft up to 16 lbs (7257 g). Rascal 110 shown but not included.

Description	Float Length	Order No.
.40 Class Wood Floats RTF	42 in. (106.7 cm)	SIGFK003ARF
1.20 Class Wood Floats RTF	60 in. (152.4 cm)	SIGFK004ARF



Order No. SIGFK004ARF



RC System SimTransmitter + FMS-Simulator

There are different ways to learn model flying. If an experienced model flyer is not on site then the first steps can be disappointing. At worst case you could crash your first model. Especially for learning R/C helicopter flying the so called „Dry Run“ on a simulator is an inexpensive and suggested method. The SimTransmitter „Joystick“ in combination with the FMS Flightsimulator provides the ideal virtual beginner airplane or helicopter „model“. Simply plug the SimTransmitter into a free USB port and configure it as a joystick. With the SimTransmitter you can control almost all simulators on the market, not only the included FMS Flightsimulator*.



System requirements: Windows 98 SE/Windows 2000/Windows XP; OpenGL/DirectX graphic board with min. 64 MB memory; Min. 600 MHz Intel or AMD Processor and 256 MB memory.

*FMS Flightsimulator can also be downloaded for free on the Internet.

SimTransmitter (Throttle - Right) Mode 1

Order No. RCSRC39000B

SimTransmitter (Throttle - Left) Mode 2

Order No. RCSRC39000A



RC System Aluminum Case

If your model survived the flight, don't let it get damaged in transport! - With the attractive aluminum case from RC System this will never happen. It is the ideal storage for your MiniCopter or similar Helicopters and of course other equipment such as your R/C transmitter. The aluminum case is fitted with plastic corner protectors, 2 locks and hand-grip. The inner foam can be cut to fit your individual needs, providing optimal protection for your sensitive equipment.

Measurements:

Inner (L x W x H): ca. 20.5 x 9.6 x 4.5 in.

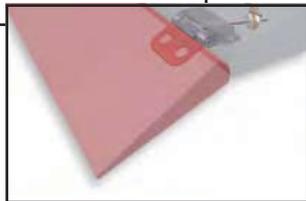
Outer (L x W x H): ca. 21.2 x 10.6 x 6.7 in.

RC System Aluminum Case **Order No. RCSRC2079**



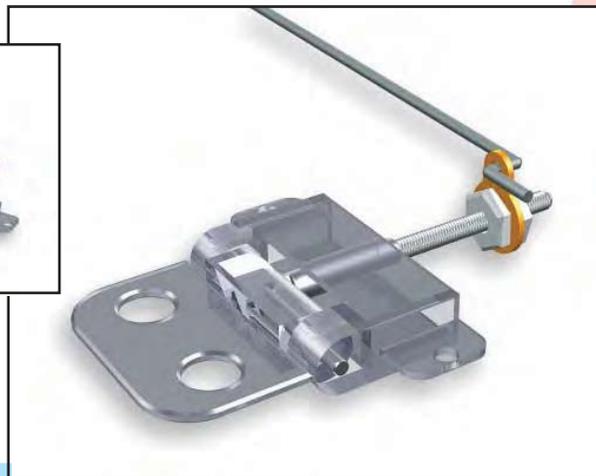
Order No. RCSRC2079

Elevator Neutral



Elevator Down

Multiple PSH for greater Strength



Precision Secret Horn

KAVAN Precision Secret Horn - the invisible Control Horn!

Great accessory for scale model builders and experimenters! Precision Secret Horn is for the modeler who finds conventional, externally mounted control horns and pushrods unattractive. The innovative Secret Horn is "invisible" since the control horn is inside your airplane. Adjustable control throws; simply move the brass plate up or down the threaded steel internal control horn. The bearing shaft of the hinge is steel. Strong enough for the torque from any Micro- or Mini-Servo, 25 g (1 oz). For larger servos mount multiple Precision Secret Horns together for even greater strength (See Picture). Use to control ailerons, flaps, rudder or elevator. Primarily intended for kits since installation in a prebuilt ARF airplane is difficult. Fully assembled, injection molded plastic and steel construction. Includes instructions. Pushrod shown but not included. Package: Pair (1 left, 1 right)

KAVAN Precision Secret Horn (2) **Order No. KAV6382**



RC System FULLYMAX Li-Po Cells

RC SYSTEM developed a whole range of Li-Po batteries for the R/C model industry. They are lighter and smaller than normal Ni-MH cells. The Internal resistance is the lowest on the market, this ensures an excellent discharge voltage for a surplus of power. From the multiple tests that have been carried out, the safety is impeccable. Comes in a highly protective blister packaging along with user instructions that should be read carefully. Each pack includes a balancing connector (RC System, Graupner, Robbe etc. style).

For maximum performance, safety and Li-Po pack longevity order the optional RC System FB-605 Li-Po SMART AUTO BALANCER, Order No. RCSSA10126.

RC System High Power (HP) Series Li-Po

For 80% of R/C modeling the HP Series Li-Po packs provide more than enough power. The conservative rating of 15C continuous and 30C burst will offer outstanding performance for most models.



Capacity	Voltage	Cells	Dimensions L x W x H	Weight	Max Discharge Continuous/Burst	Order No.
150 mAh	7.4 V	2S1P	1.37 x 0.74 x 0.27 in.	0.33 oz.	15 C (2.25A) / 30 C (4.5A)	RCSSAF07001
150 mAh	11.1 V	3S1P	1.37 x 0.74 x 0.43 in.	0.47 oz.	15 C (2.25A) / 30 C (4.5A)	RCSSAF07002
260 mAh	3.7 V	Single	2.08 x 1.22 x 0.12 in.	0.24 oz.	15 C (3.9A) / 30 C (7.8A)	RCSSAF07003
260 mAh	11.1 V	3S1P	2.08 x 1.22 x 0.43 in.	0.84 oz.	15 C (3.9A) / 30 C (7.8A)	RCSSAF07005
460 mAh	3.7 V	Single	1.89 x 1.18 x 0.16 in.	0.39 oz.	15 C (6.9A) / 30 C (13.8A)	RCSSAF07006
460 mAh	7.4 V	2S1P	1.89 x 1.18 x 0.35 in.	0.89 oz.	15 C (6.9A) / 30 C (13.8A)	RCSSAF07007
460 mAh	11.1 V	3S1P	1.89 x 1.18 x 0.55 in.	1.27 oz.	15 C (6.9A) / 30 C (13.8A)	RCSSAF07008
860 mAh	3.7 V	Single	2.44 x 1.37 x 0.27 in.	0.67 oz.	15 C (12.9A) / 30 C (25.8A)	RCSSAF07009
860 mAh	7.4 V	2S1P	2.44 x 1.37 x 0.59 in.	1.67 oz.	15 C (12.9A) / 30 C (25.8A)	RCSSAF07010
860 mAh	11.1 V	3S1P	2.44 x 1.37 x 0.90 in.	2.40 oz.	15 C (12.9A) / 30 C (25.8A)	RCSSAF07011
1350 mAh	3.7 V	Single	3.15 x 1.34 x 0.23 in.	1.00 oz.	15 C (20.2A) / 30 C (40.5A)	RCSSAF07012
1350 mAh	7.4 V	2S1P	3.15 x 1.34 x 0.51 in.	2.79 oz.	15 C (20.2A) / 30 C (40.5A)	RCSSAF07013
1350 mAh	11.1 V	3S1P	3.15 x 1.34 x 0.75 in.	4.05 oz.	15 C (20.2A) / 30 C (40.5A)	RCSSAF07014
1800 mAh	3.7 V	Single	3.80 x 1.34 x 0.27 in.	1.30 oz.	15 C (27A) / 30 C (54A)	RCSSAF07015
1800 mAh	7.4 V	2S1P	3.80 x 1.34 x 0.55 in.	3.57 oz.	15 C (27A) / 30 C (54A)	RCSSAF07016
1800 mAh	11.1 V	3S1P	3.80 x 1.34 x 0.82 in.	5.22 oz.	15 C (27A) / 30 C (54A)	RCSSAF07017
2200 mAh	3.7 V	Single	3.80 x 1.34 x 0.31 in.	1.72 oz.	15 C (33A) / 30 C (66A)	RCSSAF07018
2200 mAh	7.4 V	2S1P	3.80 x 1.34 x 0.67 in.	3.88 oz.	15 C (33A) / 30 C (66A)	RCSSAF07019
2200 mAh	11.1 V	3S1P	3.80 x 1.34 x 1.18 in.	6.57 oz.	15 C (33A) / 30 C (66A)	RCSSAF07020
3300 mAh	3.7 V	Single	5.04 x 1.69 x 0.23 in.	3.05 oz.	15 C (49.5A) / 30 C (99A)	RCSSAF07021
3300 mAh	7.4 V	2S1P	5.04 x 1.69 x 0.55 in.	6.70 oz.	15 C (49.5A) / 30 C (99A)	RCSSAF07022
3300 mAh	14.8 V	4S1P	5.04 x 1.69 x 1.14 in.	12.91 oz.	15 C (49.5A) / 30 C (99A)	RCSSAF07027
4100 mAh	3.7	Single	5.04 x 1.69 x 0.27 in.	3.7 oz.	15 C (61.5A) / 30 C (123A)	RCSSAF07024
4100 mAh	7.4 V	2S1P	5.04 x 1.69 x 0.59 in.	8.07 oz.	15 C (61.5A) / 30 C (123A)	RCSSAF07025
4100 mAh	14.8 V	4S1P	5.04 x 1.69 x 1.22 in.	14.88 oz.	15 C (61.5A) / 30 C (123A)	RCSSAF07028

RC System eXtreme Power (XP) Series Li-Po

New RC System Li-Po packs available in Spring of 2007. The XP Series is for the modeler requiring extreme continuous current discharge. For example, if you are converting a large SIG Sukhoi SU-31 ARF to electric flight you might use two 5300 mAh 5S1P packs put in series =10S1P. New generation high performance electric helicopters can also benefit from the RC System XP Series Li-Po packs.

The following XP Series Li-Po packs fit-

Thunder Tiger - mini Titan E325

3S1P 2200 mAh 1x Order No. RCSSAF07035

Thunder Tiger - Raptor E550

5S-6S motor (5S1P or 6S1P Li-Po pack)

6S1P 4500 mAh 1x Order No. RCSSAF07052 or

6S1P 5300 mAh 1x Order No. RCSSAF07057

Thunder Tiger - Raptor E620 SE

6S motor (6S1P Li-Po pack)

6S1P 4500 mAh 1x Order No. RCSSAF07052 or

6S1P 5300 mAh 1x Order No. RCSSAF07057

10S motor (10S1P Li-Po pack)

5S1P 4500 mAh 2x Order No. RCSSAF07051 or

5S1P 5300 mAh 2x Order No. RCSSAF07056

Capacity	Voltage	Cells	Dimensions L x W x H	Weight	Max Discharge Continuous/Burst	Order No.
1300 mAh	7.4 V	2S1P	3.15 x 1.34 x 0.55 in.	3.17 oz.	25 C (32.5A) / 50 C (65A)	RCSSAF07029
1300 mAh	11.1 V	3S1P	3.15 x 1.34 x 0.86 in.	4.86 oz.	25 C (32.5A) / 50 C (65A)	RCSSAF07030
1800 mAh	7.4 V	2S1P	3.78 x 1.34 x 0.55 in.	3.88 oz.	25 C (45A) / 50 C (90A)	RCSSAF07031
1800 mAh	11.1 V	3S1P	3.78 x 1.34 x 0.86 in.	5.57 oz.	25 C (45A) / 50 C (90A)	RCSSAF07032
1800 mAh	14.8 V	4S1P	3.78 x 1.34 x 1.18 in.	7.58 oz.	25 C (45A) / 50 C (90A)	RCSSAF07033
2200 mAh	7.4 V	2S1P	4.01 x 1.34 x 0.67 in.	4.09 oz.	25 C (55A) / 50 C (110A)	RCSSAF07034
2200 mAh	14.8 V	4S1P	4.01 x 1.34 x 1.37 in.	8.18 oz.	25 C (55A) / 50 C (110A)	RCSSAF07036
2200 mAh	18.5 V	5S1P	4.01 x 1.34 x 1.69 in.	10.45 oz.	25 C (55A) / 50 C (110A)	RCSSAF07037
3300 mAh	11.1 V	3S1P	5.31 x 1.73 x 0.86 in.	11.28 oz.	20 C (66A) / 40 C (132A)	RCSSAF07039
3300 mAh	14.8 V	4S1P	5.31 x 1.73 x 1.14 in.	14.81 oz.	20 C (66A) / 40 C (132A)	RCSSAF07040
3300 mAh	18.5 V	5S1P	5.31 x 1.73 x 1.45 in.	18.34 oz.	20 C (66A) / 40 C (132A)	RCSSAF07041
3300 mAh	22.2 V	6S1P	5.31 x 1.73 x 1.77 in.	22.40 oz.	20 C (66A) / 40 C (132A)	RCSSAF07042
3700 mAh	7.4 V	2S1P	5.31 x 1.73 x 0.55 in.	7.86 oz.	20 C (74A) / 40 C (148A)	RCSSAF07043
3700 mAh	11.1 V	3S1P	5.31 x 1.73 x 0.90 in.	11.81 oz.	20 C (74A) / 40 C (148A)	RCSSAF07044
3700 mAh	14.8 V	4S1P	5.31 x 1.73 x 1.22 in.	15.52 oz.	20 C (74A) / 40 C (148A)	RCSSAF07045
3700 mAh	18.5 V	5S1P	5.31 x 1.73 x 1.53 in.	19.22 oz.	20 C (74A) / 40 C (148A)	RCSSAF07046
3700 mAh	22.2 V	6S1P	5.31 x 1.73 x 1.89 in.	22.93 oz.	20 C (74A) / 40 C (148A)	RCSSAF07047
4500 mAh	7.4 V	2S1P	5.98 x 1.73 x 0.62 in.	8.92 oz.	20 C (90A) / 40 C (180A)	RCSSAF07048
4500 mAh	11.1 V	3S1P	5.98 x 1.73 x 0.98 in.	13.05 oz.	20 C (90A) / 40 C (180A)	RCSSAF07049
4500 mAh	14.8 V	4S1P	5.98 x 1.73 x 1.30 in.	16.93 oz.	20 C (90A) / 40 C (180A)	RCSSAF07050
4500 mAh	18.5 V	5S1P	5.98 x 1.73 x 1.65 in.	20.98 oz.	20 C (90A) / 40 C (180A)	RCSSAF07051
4500 mAh	22.2 V	6S1P	5.98 x 1.73 x 2.00 in.	25.04 oz.	20 C (90A) / 40 C (180A)	RCSSAF07052
5300 mAh	7.4 V	2S1P	7.40 x 1.81 x 0.63 in.	10.33 oz.	20 C (106A) / 40 C (212A)	RCSSAF07053
5300 mAh	11.1 V	3S1P	7.40 x 1.81 x 1.00 in.	15.16 oz.	20 C (106A) / 40 C (212A)	RCSSAF07054
5300 mAh	14.8 V	4S1P	7.40 x 1.81 x 1.30 in.	19.75 oz.	20 C (106A) / 40 C (212A)	RCSSAF07055
5300 mAh	18.5 V	5S1P	7.40 x 1.81 x 1.65 in.	24.51 oz.	20 C (106A) / 40 C (212A)	RCSSAF07056
5300 mAh	22.2 V	6S1P	7.40 x 1.81 x 1.96 in.	29.27 oz.	20 C (106A) / 40 C (212A)	RCSSAF07057

RC System PCB 2S1P Li-Po connector module

Indispensable for the correct assembly of individual RC System Li-Po cells. PCB 2S1P aligns 2 Li-Po cells in series safely while providing clean soldering points for a Li-Po battery pack.

Order No. RCSSA10056

RC System PCB 2S2P Li-Po connector module

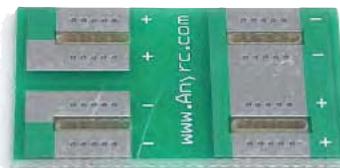
Indispensable for the correct assembly of individual RC System Li-Po cells. PCB 2S2P aligns 2 Li-Po cells in series and 2 in parallel safely while providing clean soldering points for a Li-Po battery pack.

Order No. RCSSA10058

RC System PCB 3S1P Li-Po connector module

Indispensable for the correct assembly of individual RC System Li-Po cells. PCB 3S1P aligns 3 Li-Po cells in series safely while providing clean soldering points for a Li-Po battery pack.

Order No. RCSSA10057



Order No. RCSSA10058





New Design

KAVAN Maxi Ball Links

A new Design that combines the advantages of the previous Maxi Ball Link series, Order Nos. KAV12xx and KAV13xx (e.g. KAV1200, KAV1305 etc.).

Nylon Ball Links for large airplanes, large gas powered boats and off-road gas cars. It is almost impossible to "pop" the ball out by hand, yet it swivels smoothly in the nylon socket. Available in two sizes; either for M 3 or 4-40 in. threaded pushrods. M 3 mounting hardware (bolts and/or nuts) is not included. Nickel-plated ball outside-ø: 6 mm (.24 in.). Pack: 2 pcs.



for Thread	w/o ball	w/ ball	w/ ball joint	w/ screwball, M 3 shaft	w/ hexbase ball	w/ offset ball, M 3 shaft
M 3	Order No. KAV1400	Order No. KAV1404*	Order No. KAV1405*	Order No. KAV1406**	Order No. KAV1407*	Order No. KAV1408
4-40 in.	Order No. KAV1440	Order No. KAV1444*	Order No. KAV1445*	Order No. KAV1446**	Order No. KAV1447*	Order No. KAV1448

* hole-ø in the nickel-plated ball: 3 mm. ** screwball is slotted for a flat head screwdriver.

SIG Basswood Assortments



Order No. SIGBA226

First quality basswood in an assortment of random lengths and sizes. Perfect for a wide variety of craft and construction uses. Bundle measures approximately 1 x 2 x 24 in.

SIG Basswood Sticks- Bundle

Order No. SIGBA226

Assorted thicknesses of 3 or 4 in. wide basswood sheets. Perfect for a variety of craft uses such as dollhouse construction.

SIG Basswood Sheets- Bundle 2 x 3 x 24 in. **Order No. SIGBA239**

SIG Basswood Sheets- Bundle 2 x 4 x 24 in. **Order No. SIGBA247**



Order No. SIGBA239



Order No. SIGBA3612

Basswood is the favorite wood of woodcarvers everywhere. Strong but easy to carve. The grain in some woods tends to lead your blade in the direction of the grain. Basswood has a soft grain that makes carving uniform in any direction. Basswood also takes nearly any stain and easily mimics nearly any variety of wood depending on the color of stain used. Bundle measures approximately 3 x 12 x 6 ¼ in.

SIG Basswood Block- Bundle **Order No. SIGBA250**

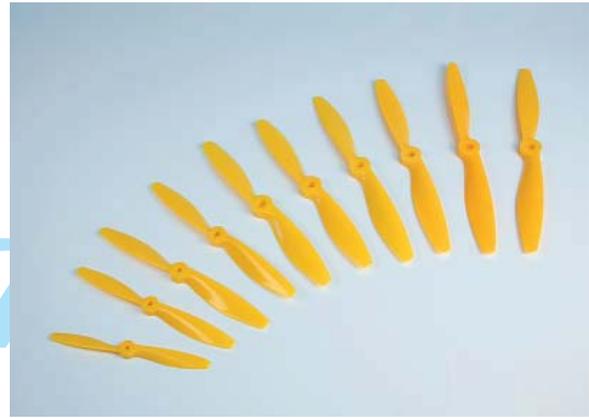


Nylon Propellers

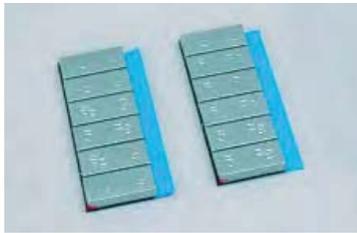
Especially suited for trainer, control line, or electric model airplanes. More flexible than the Glass Filled Nylon Propellers.

Model Airplane Propellers Nylon, Yellow

Size	Order No.
6 x 4 in. (15 x 10 cm)	KAV0057
7 x 4 in. (18 x 10 cm)	KAV0058
8 x 4 in. (20 x 10 cm)	KAV0059
8 x 6 in. (20 x 15 cm)	KAV0060
9 x 4 in. (22 x 10 cm)	KAV0061
9 x 6 in. (22 x 15 cm)	KAV0062
10 x 4 in. (25 x 10 cm)	KAV0063
10 x 6 in. (25 x 15 cm)	KAV0064
11 x 6 in. (28 x 15 cm)	KAV0065
11 x 7 3/4 in. (28 x 20 cm)	KAV0066



Order No. KAV0057 - KAV0066



Order No. KAV0216

„Low Profile“ Stick-On Steel Weight

Environmentally friendly non-toxic steel weight for balancing of model airplanes and boats. High quality stick-on tape and the large surface area per section, 0.35 x 0.79 in. (9 x 20 mm) ensures that the weights will stay in place. 2 strips, each with 6 pre-cut sections weighing 0.176 oz (5 g) each. The coated non-lead steel weight is corrosion resistant. Weight per package is 2.12 oz (60 g).

Order No. KAV0216

Metal Clevis

Made from high quality heavy gauge spring steel which doesn't fatigue with use. Nickel-plated for a rust free surface and easy soldering if desired.

Thread	Pack 2 pcs. Order No.	Pack 10 pcs. Order No.
2-56 in.	KAV000256	KAV00025610
4-40 in.	KAV000440	KAV00044010
M 2	KAV0004	KAV000410
M 2.5	KAV0004B	KAV0004B10
M 3	KAV0004A	KAV0004A10



Order No. KAV0004

Glow Plug Container

Ideal for storing and protecting glow plugs from dirt and dust. Easily accessible and transparent for quick stocktaking. Glow plugs not included.

Glow Plug Container **Order No. KAV0037B**



Order No. KAV0037B



Order No. KAV0382

Clear Hinge Tape

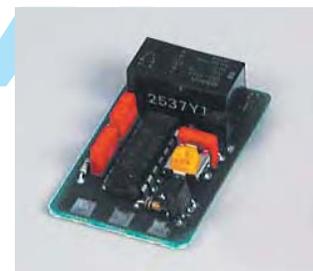
The particular plastic selected for Clear Hinge Tape is flexible, tear resistant and ideally suited for control surface hinges. The adhesive adheres well to any smooth, clean, fuel-free surface. Ideal for aileron hinges on sailplanes since it permits no airflow through the hinge line to spoil the intent of the airfoil. Can be used for all control surfaces. Not recommended for glow powered airplanes. Length: 32.8 ft. (10 m), Width: 3/4 in. (19 mm).

Clear Hinge Tape **Order No. KAV0382**

Electronic Switch

Turn On and Off KAVAN's Electromagnetic Brake (Order No. KAV0263), small electric motors, landing lights, smoke pumps in airplanes or light systems, pumps and horns in boats. Adjustable On-Off point. 5 amp nominal rating and 10 amp surge. Size: .91 x 1.65 in. (23 x 42 mm), Weight: .3 oz (8 g). Requires: servo wire with connector.

Mini Electronic Switch **Order No. KAV0230**



Order No. KAV0230



Pilots

Handpainted color Pilots made of elastic plastic.

Seat to top of head	Width	Order No.
1- 25/32 in. (45 mm)	2- 11/64 in. (55 mm)	KAV0055
4- 7/16 in. (113 mm)	2- 7/8 in. (73 mm)	KAV3911



Order No. KAV0055 / KAV3911



Order No. KAV0056



Finger Guard

For safety and convenience, we recommend using a KAVAN starter. Finger Guard is the alternative, designed to help minimize sore fingers sometimes associated to starting model airplane engines by hand.

Finger Guard **Order No. KAV0056**

Window Mounting Channel

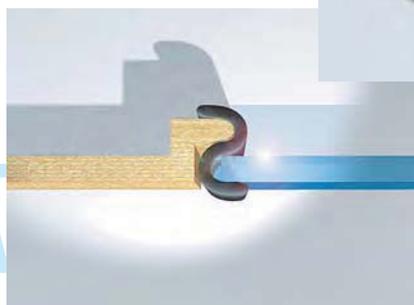
This soft, highly flexible extrusion makes mounting windows, windshields and glider canopies in model airplanes, helicopters, boats and cars, quick and easy. Also good for trimming body edges (e.g. fenders), as a seal in connection with RC box covers, etc. The double-sided folds can hold material up to about 1/16 in. (1.5 mm) thick. Compatible with cyanoacrylate glues.

Window Mounting Channel

Length	Order No.
5 m (16.4 ft)	KAV0132
50 m (164 ft)	KAV0132S



Order No. KAV0132



Order No. KAV0107

CA Strengthening Powder

Used in combination with CA glue to fill holes in wood, plastic, metal and fiberglass. Drip a few drops of CA into a hole, fill the hole with CA Strengthening Powder. Drip a little more CA into the hole and instantly the compound becomes hard and strong. CA "Strengthening Powder" sticks to itself. The final repair can be drilled or sanded. Contents: 1.41 oz. (40 g).

Order No. KAV0107



Fuel Tank Filler Adapter

Plastic set with protecting cap for mounting in to the fuselage of aircraft or other models. Provides quick and easy refueling. OK for methanol, gas and diesel fuel. For fuel lines with inside-ø 5/64 in. (2 mm) to 1/8 in. (3 mm).

Fuel Tank Filler Adapter **Order No. KAV0122**



Order No. KAV0122



Order No. KAV00154

Glow Plug Thread "Cleaner"

High quality hardened steel chaser die, "cleans" (removes imperfections and burrs) from 1/4-32 in. glow and spark plug threads. Use on new glow plugs to optimize the thread and help prevent damage to the relatively soft cylinder head. Very useful hand-tool for every field box.

Glow Plug Thread "Cleaner" **Order No. KAV0154**

FIRST HOBBY POWER CHARGER 5

Power charger 5 is a rapid charger that has a high performance microprocessor and specialized operating software. An individual-cell-voltage balancer is built in so it does not need a separate balancer when charging Li-Po batteries. The charger comes with a 12 V input connector and is able to charge all common battery types like: Ni-CD and Ni-MH with 1 to 14 Cells from 0.1 to 5 A, 1 to 5 Li-Po/Li-Ion cells with up to 5 A and simultaneous Equalizing, Gel Cell batteries from 2 to 12 V. The POWER CHARGER 5 is a Multitalent for all Model builders and it doesn't matter whether you prefer gas or electro propulsion.

A comprehensive charge lead set is included to allow you to connect up to a wide range of battery types.

Key Features:

- Charges: Li-Po, Ni-MH, Ni-Cd, Gel Cell Batteries
- 6 Different charge modes: - Li-Po Balanced - Li-Po Regular - Ni-MH - Ni-CD - Gel Cell 6V/12V - User Defined
- JST-XH Balancing Plugs

Specification:

- Input Voltage: 11 - 18 VDC
- Circuit power: max. 50 W
- Charge current range: 0.1 - 5.0 A
- Current drain for balancing Li-Po: 200 mAh/cell
- Ni-MH/Ni-Cd cell count range: 1-14 cells
- Li-Po/Li-Ion cell count range: 1-5 cells
- Gel cell battery voltage: 2 V, 6 V, 12 V
- Weight: 9.9 oz. (280 g)
- Size: 5.1 x 3.2 x 1.1 in. (130 x 80 x 28 mm)
- Large LCD Screen- 16 Characters, 2 Lines

FIRST HOBBY Power Charger 5 **Order No. RCSH1300**



Order No. RCSH1300





Checkerboard Printed Japanese Tissue

Checkerboard Printed Japanese Tissue

Lightweight checkerboard tissue printed with gloss ink for an elegant scale appearance.

Also available in printed silver (not checkerboard). Esaki Plyspan made in Japan.

Weight: 5 grams per sheet, Checkerboard size: 1/2 in (12 mm), Sheet size: 17 3/4 x 23 1/2 in (450 x 600 mm)

Color(s)	Order No.
Black/Red	SIGPPL001
Black/White	SIGPPL002
Black/Yellow	SIGPPL003
Cub Yellow/White	SIGPPL004
Fire Red /White	SIGPPL005
Sky Blue/White	SIGPPL006
Silver (not pictured)	SIGPPL100

RCS SimTransmitter with FMS Flight Simulator

There are different ways to learn R/C model flying. If an experienced model flyer is not on site then the first steps can be disappointing. At worst case you could crash your first model. Especially for learning R/C helicopter flying the so called "Dry Run" on a simulator is an inexpensive and suggested method. The 6 Channel SimTransmitter "Joystick" with the included FMS Flying-Model-Simulator provides the ideal virtual beginner airplane or helicopter "model". Simply plug the SimTransmitter into a free USB port and configure it as a joystick.

System requirements

- Windows 98 SE/Windows 2000/Windows XP
- OpenGL/DirectX graphic board with min. 64 MB memory
- Min. 600 MHz Intel or AMD Processor and 256 MB memory

The FMS Simulator is NOT compatible with Windows Vista. FMS Flight Simulator can also be downloaded for free on the Internet.

RCS SimTransmitter with FMS Flight Simulator **Order No. RCSSIM062**



Order No. KAV0670

KAVAN Mini Hand Drill w/ 12 Drill Bits

Quick and easy way to drill small holes. "Must have" tool in the field box for emergency repairs. Includes 12 drill bits stored inside the aluminum handle, sizes range from .024 in (0.6 mm) to .063 in (1.6 mm). Length: 4- 1/8 in (10.5 cm).

KAVAN Mini Hand Drill w/ 12 Drill Bits **Order No. KAV0670**



KAVAN Wheel Collars

Metric sizes fit most ARFs and kits manufactured outside of the USA. Nickel-plated brass. Includes socket set screws (Order No. KAV0041) and one hex wrench (Order No. KAV0042).

Pack: 5 Wheel Collars

For axle-ø	Order No.
2 mm (.08 in)	KAV0262F
3 mm (.12 in)	KAV0262E
4 mm (5/32 in)	KAV0262D
5 mm (.08 in)	KAV0262C
6 mm (.24 in)	KAV0262A
1/8 in (3.2 mm)	KAV0262G



Order No. KAV0262F



KAVAN Hexagon Socket Wrench Key

KAVAN Hexagon Socket Wrench Key

Steel, DIN 911

Size	Pack/pcs.	Order No.
1.5 mm	2	KAV0042
2 mm	2	KAV0042A
2.5 mm	2	KAV0042B
3 mm	2	KAV0042C
4 mm (5/32 in)	2	KAV0042D
1.5/2/2.5/3/4 mm	5 (1 each)	KAV0042S

KAVAN Steel Axle Shafts

Bolt to any aluminum or fiberglass landing gear. Easy installation: either tap a thread in the landing gear equal to the "Mounting Thread" size or mount in an untapped hole using the included steel hex nut and lock washer. Since the KAVAN Axle Shafts install from the inside of the landing gear, the removal of wheels (when wheel pants are attached to the landing gear), is much easier. Includes 4 wheel collars and 1 hex wrench. Zinc plated steel.

Pack: 1 pair.

Axle-ø	Shaft Length	Mounting Thread	Order No.
5/32 in (4 mm)	50 mm (2 in)	M7	KAV6162
3/16 in (4.76 mm)	50 mm (2 in)	M8	KAV6163
5 mm	50 mm (2 in)	M8	KAV6164
6 mm	60 mm (2- 3/8 in)	M10	KAV6165



KAVAN Steel Axle Shafts

KAVAN Rubber Shock Mounts

Make your own shock motor mount. Ideal to absorb engine vibration or for elastic fastening of exhaust systems. The special medium hard rubber is glow fuel and gasoline resistant. Especially suited for 4-stroke engines.

Type A: Threaded stud on each side. Type B: Threaded stud on one side and tapped hole on the other.

Pack: 4 pcs.

Type	Thread	Thread Length	Rubber-ø	Rubber Length	Order No.
A	M 3	.25 in (6 mm)	.32 in (8 mm)	.32 in (8 mm)	KAV3025
A	M 4	.4 in (10 mm)	.6 in (15 mm)	.6 in (15 mm)	KAV3024
A	M 6	.6 in (15 mm)	.8 in (20 mm)	.6 in (15 mm)	KAV3028
B	M 4	.4 in (10 mm)	.6 in (15 mm)	.6 in (15 mm)	KAV3034
B	M 6	.6 in (15 mm)	.8 in (20 mm)	.6 in (15 mm)	KAV3038



Nos. KAV3025, KAV3034, KAV3024, KAV3038, KAV3028

KAVAN Plastic Clamps

With parallel jaws, useful for fuselage assembly or any other situation where you need a temporary "helping hand". Available in two sizes:

Jaw Length	Length Overall	Clear Span	Pack/Pcs.	Order No.
1 in (25mm)	2.6 in (66 mm)	up to 1.4 in (36 mm)	5	KAV0127
2 in (50mm)	5.8 in (148 mm)	up to 4.3 in (110 mm)	2	KAV0128



Order No.. KAV0128, KAV0127



Shaft-Lock Spinner Nut

An electric starter or backfiring 4-stroke engine will not loosen this Spinner Nut. Simple to install: Hold the Spinner Nut with a 7/8 in (22 mm) wrench and then tighten the included socket set screw against the engine shaft. Dimension: 7/8 x 1 in (22 x 26 mm). Weight: 1 oz (28 g). Includes hex wrench.

Shaft-Lock Spinner Nut

Engine Shaft	Hex Wrench (incl)	Order No.
1/4 - 28 in	1/8 in	KAV0294
5/16- 24 in	5/32 in (4 mm)	KAV0295
3/8 - 24 in.	3/16 in	KAV0300
M 6 x 1	3 mm	KAV0296
M 7 x 1	5/32 in (4 mm)	KAV0297
M 8 x 1.25	5/32 in (4 mm)	KAV0298
M 8 x 1	5/32 in (4 mm)	KAV0299



Shaft-Lock Spinner Nut

KAVAN Display for SuperLight Deluxe AirWheels (for the Dealer)

This attractive 4-color printed display with German and English text is a space saving and environmentally friendly alternative to wheels packaged in pairs. It fits conveniently on a shelf, counter or hangs on a pegboard. Factory assembled and loaded with wheels in seven sizes, six each ranging from 1-1/2 in (40 mm) to 3 in (75 mm) diameter. Remove and fill the display from the left, right and front sides. Size: 7.7 in (19.5 cm) depth x 5.9 in (15 cm) width x 10.4 in (26 cm) height (excluding rear plug in sign). Maximum Capacity: 60 wheels.

Display with 42 Deluxe AirWheels **Order No. KAV6390**

Display without Wheels **Order No. KAV6395**

Refill wheels:

Minimum dealer order quantity:

6 pcs. per size, bulk.

Wheel-ø	Order No.
1-1/2 in (40 mm)	KAV0097AL
1-3/4 in (45 mm)	KAV0097L
2 in (50 mm)	KAV0098L
2-1/4 in (56 mm)	KAV0099L
2-1/2 in (62 mm)	KAV0100L
2-3/4 in (68 mm)	KAV0101L
3 in (75 mm)	KAV0102L



Order No. KAV6390



Order No. KAV6471

KAVAN Quick-Prop 5 x 4

Press fits on 280 - 480 size motors with a shaft diameter of 2 - 2.3 mm. Simply secured with a drop of CA. Comparable with Günther prop 5 x 4 but with a new design for greater efficiency.

KAVAN Quick-Prop 5 x 4 **Order No. KAV6471**

New Design

Dual Lock

Plastic material with "knobs" and a self-stick adhesive backing. Cut into small pieces and stick onto the bottom of a servo, nicad, etc. and another piece on the airplane, car or boat cabin floor. The Servo is locked in to place as the little plastic "knobs" interlock. There is less side to side movement with Dual Lock as compared to a "hook and loop fastener" such as VELCRO®. Width: 1 in (25 mm). Length: 19- 11/16" (500 mm).

Dual Lock **Order No. KAV0647**



Order No. KAV0647

