

AIRTRONICS®

GET THE ADVANTAGE



Your #1 Source For
R/C Systems
& Accessories

YES/+ NO/- EDIT END DISPLAY ON▶

Introduction

"Knowledge Is Power"

Airtronics continues to be the pioneer in advancing technology to further benefit you the consumer by developing products that allow you to dramatically increase your R/C performance and enjoyment.

Our 8 channel Stylus gives you more flexibility for fixed wing and helicopter models than ever thought possible. It's unique card system offers fantastic versatility by giving you the ability to specifically conform to your particular flight requirements, now, and into the future. Seen in the hands of more champions everywhere, the new M8 car and boat system with ten model memory has brought computerized pistol grip technology to new heights by enabling you to make

the fine adjustments that give you the edge in competition. We were the first to design the Dual Conversion Narrow Band Receiver which is renowned as the authoritative receiver in the R/C modeling industry for meeting and exceeding the AMA guidelines. Airtronics

servos can now be connected to other brand receivers thanks to the introduction of new "Z" Connectors, making our outstanding servos accessible to every R/C enthusiast.

For over almost three decades, Airtronics has created the leading edge of R/C technology within the radio control industry. With numerous World Championship and National Championship victories we emerge at the top in every R/C performance category. We will continue to provide the highest levels of technology and design, excellent value, and service which have us reigning as #1 in customer satisfaction.

Whoever said "knowledge is power" must have had Airtronics on their mind.



Wayne Mann, USA F3C Team Member & Helicopter Pilot, Teams Up with Airtronics & Kalt. A Winning Combination!



Geoff Combs, noted Tournament Of Champions Pattern Pilot and Top Designer, trusts Airtronics to take him to new heights.



Multiple World Champion, Joel Johnson, with the new Airtronics M8. The favorite pistol grip for on and off-road.



The Blues Brothers Racing Team use Airtronics Systems to control their outstanding fleet.



Airtronics Stylus System

The Stylus is the radio system with the world's fastest PCM response time that does it all! Specially customized programs for fixed wing aircraft, helicopters and sailplanes. We've packed the Stylus with all the capabilities that serious modelers demand for all three disciplines of flying. Just look over the best-in-class features (see pages 12 & 13) and you'll quickly realize that the Stylus has the power to get the maximum out of any type of aircraft.



The Ultimate Trainer System

The Stylus 'Trainer' System utilizes NO spring loaded trainer enable switch. Any 2 position switch, comfortably and conveniently located to suit the instructor, is assigned as the designated 'Trainer' switch. Once airborne, the 'Trainer' switch is engaged and the student begins flying. Should the student become disoriented, the instructor simply moves the appropriate control stick to regain control. When the training session is completed, the instructor simply moves the 'Trainer' switch to the original position and lands. It's no longer necessary to continually hold a spring loaded switch during the training session.

Shown above,
Rei Gonzalez (Jet Pilot)
with his Airtronics Stylus,
and Albert Araujo (Caller).

Unique Memory Card System and Comfortable Performance

A unique Memory Card System lets you store up to 50 additional model setups on a card smaller than a credit card, so in seconds your Stylus can have the capabilities that no other radio system has. Careful attention to balance and ergonomics has produced a transmitter with a wonderful feel. From the subtly shaped rubber grip pads on the rear to the smooth operation of the side aux levers.

When the Stylus computer program is activated you will find no complex codes or menu structures to remember. Seven touches of the Edit key takes you through the entire program. When you see the feature you want, highlight it, press the Yes button and make your adjustment.

Finally, a sophisticated, easy to use radio system you won't outgrow!

Aircraft Systems

Debbie & Ken Thornton. 1997
F1 Giant Scale champions
with 73 past trophies.



Stylus

The Future At Your Fingertips

For the advanced and professional aircraft flyer the 8 channel Stylus computer radio control system has no equal. The abundant features of the basic transmitter include 4 model memory, switch assignability, PCM/FM, PPM/FM, and PPM/FM inverted modulation select, alternate set-up, model naming, stopwatch / timer, servo end point adjustment, centering, and servo reverse, dual rates, exponential, and 4 snap roll programs. User assignable mixes include 3 compensation mixers and 2 bi-directional mixers. Pre-defined mixes include 2 aileron>rudder systems, flap>elevator, elevator>flap, spoileron, and spoiler> elevator. Aileron differential, cross trims, and a twin throttle option makes the Stylus aircraft program versatile for all types of fixed wing aircraft. Our revolutionary card system allows you to further enhance your Stylus systems capability with the optional plug-in Feature Cards and store up to 50 models or set ups with the optional Memory Card.

Other highlights include direct servo control capability, swiveling ball mount antenna, plug-in RF module, voltage display, plug-in cartridge NiCd battery, RF output meter and rubber transmitter grips for a secure and solid feel.

The Stylus comes with your choice of our compact 8 channel FM or 1024 PCM receivers with D.S.C. and Sanyo NiCd power packs. System software for helicopters, sailplanes, and powered aircraft is the heart of the Stylus system. Only the Stylus transmitter and the exclusive Airtronics program card system can do it all.

Stylus 8 Channel Aircraft Systems are configured as follows:
Part # 90180 / (4) 94322 Ball Bearing Servos. FM or PCM. 72MHz.
Part # 90181 / (4) 94731 Contest Servos. FM or PCM. 72MHz.
(Other options available)



Hal Parenti & son Gary showing
their magnificent B-25 to judges
before their flight presentation.



Infinity 660

Sculpted Design & Beyond

For the advanced and competition aircraft flyer the Infinity 660 is a 6 channel computer system that offers easy programming in a sleek sculptured transmitter design. A custom microprocessor provides 4 model memory, servo centering, end point and reverse adjustments, switch assignability, dual rates, mode select, and alternate function that allows switching between set-ups in flight. A multitude of pre-defined and user-assignable mixes are available, as is exponential control for aileron, elevator, and rudder, 4 programmable snap or slow roll set-ups, stopwatch/timer, model naming, and data copy and reset.

The Infinity 660 has a plug-in transmitter RF module, plug-in transmitter NiCd battery, and comes with your choice of an FM or PCM Dual Conversion Super Narrow Band Receiver. Aircraft systems also include software for helicopter and sailplane systems.

Infinity 6 Channel Aircraft Systems are configured as follows:
Part # 90160 / (4) 94102 Standard Servos. FM or PCM. 72MHz.
(Other options available)



RD6000 Extreme Computer Power



The RD6000 6 channel PPM/FM system is ideal for the advanced and beginner aircraft flyer looking for the very best in a computerized radio control system. The clear, detailed LCD screen is one of the largest available for a unit in this price range. Thanks to the intuitive and simple basic menu structure the modeler can program a model set-up in minutes.

The RD6000 offers the beginner a basic program for setting up aircraft models. A dazzling array of advanced features are available to the more experienced R/C modeler under the Options section of the RD6000 microprocessor program. The basic program includes: digital trims, stopwatch, servo reverse on all channels, dual rate, center, and end point adjustment on all channels, model select, model type and data reset. When you are ready for more functions you can tailor the menu for what you require. Some of the choices are: naming your model, two compensation mixers, aileron-rudder mix, flap-elevator mix, Vanguard / Vision / Infinity or Stylus PCM modulation select capability, PPM and PPM-Invert capability for "other brand" receivers, integral timer, data copy, flaperons, V-tail, delta (elevons), aileron differential, battery fail safe, PCM fail safe, and dual rate alarm. The system also includes the new Super Narrow Band Dual Conversion 92777 Micro lightweight receiver and full Sanyo 600 mAh NiCd batteries.

The RD6000 Master/Trainer System is compatible with the Vanguard, Radiant, Quasar and Infinity 660 radio control systems when using the appropriate trainer cable.



Past Top Gun winner Corvin Miller, fine tuning his outstanding F4U.

RD6000 6 Channel Aircraft Systems are configured as follows:
Part # 90310 FM / (4) 94102 Standard Servos with new "Z" Connectors.
72 or 50MHz.

Part # 90311 FM / (4) 94322 Ball Bearing Servos with new "Z" Connectors.
72 or 50MHz.

Vanguard 6DR

The Vanguard 6 Channel FM is truly the only choice for the sport flyer who requires six channel control at an economical price. Dual rate controls for elevator and ailerons are standard, as are the three position flap switch, electronic trims, retract gear switch, ESV meter, servo reversing on all channels, and trainer system. You can fly with confidence knowing that your Dual Conversion Super Narrow Band FM receiver has been engineered to give you maximum control and interference rejection.

Customize your control feel with the Vanguard's adjustable length and tension sticks, and fly for hours thanks to the high quality Sanyo NiCd batteries.

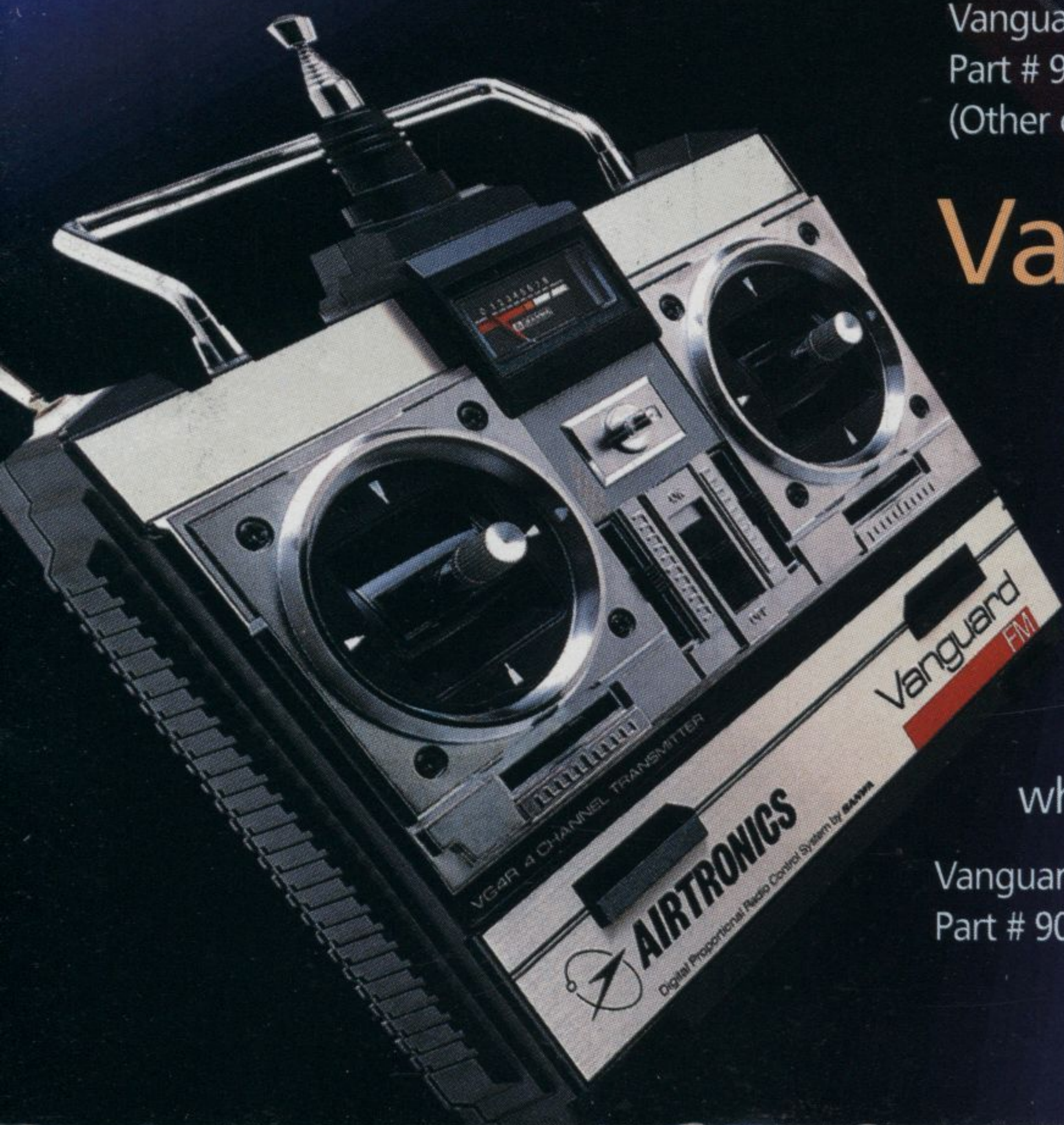
Vanguard 6DR 6 Channel Aircraft Systems are configured as follows:
Part # 90073 FM / (4) 94102 Standard Servos. 72, 75, or 50MHz.
(Other options available)



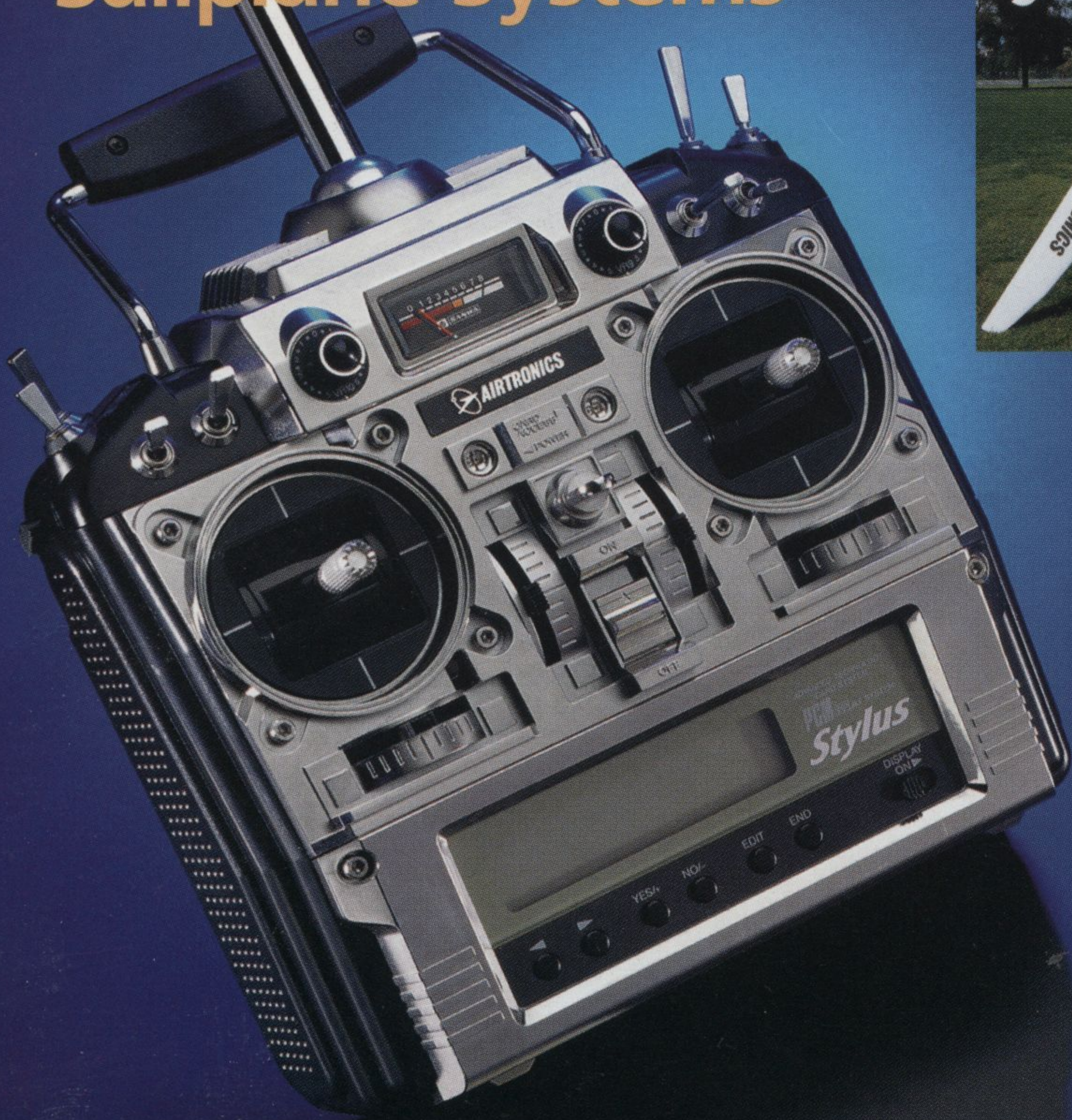
Vanguard 4R

The 4 channel FM Vanguard offers quality, dependability, and outstanding performance in an affordably priced system for entry level and sport flyers. The Vanguard transmitter has a trainer system, servo reversing on all channels, electronic trims, and adjustable sticks. Many of the components from our most advanced systems are incorporated into the VG4R System, including a Dual Conversion Super Narrow Band 6 channel FM Receiver, precision control gimbals, genuine Sanyo 600 MAh transmitter and receiver NiCd batteries, and dual charger. Considering all the value that the Vanguard offers, don't settle for anything less than what is clearly the best in its class.

Vanguard 4R 4 Channel Aircraft Systems are configured as follows: Part # 90070 FM / (3) 94102 Standard Servos. 72, 75, or 50MHz.
Part # 90071 FM / (2) 94831 Mini Servos. 72 or 50MHz. (Other options available)



Sailplane Systems



Two Time F3B '95 & '97 World Champion for speed, distance & duration, Daryl Perkins with his Airtronics Stylus

Stylus

The Stylus is the radio of choice among knowledgeable sailplane pilots. In its basic configuration, the Stylus has the most often used features for full house sailplanes: independent camber control on either side of the transmitter case, a 3 position flight mode switch, dual aileron and dual flap servo capability, aileron differential, launch, normal and reflex differential, landing differential, a wide array of mixing options including crow, V-tail, aileron rudder, flap> elevator, elevator> camber and aileron> flap, a built in timer/stopwatch, model naming, switch assignability, an automatic landing mode actuated by the flap stick, and the ability to operate any brand of PPM/FM receiver currently on the market. With all these features, plus a long list of standard convenience features, it comes as no surprise that the Stylus will be the leading sailplane radio for years to come.

Stylus 8 Channel Sailplane Systems are configured as follows:
 Part # 90187 / (2) 94141 Micro Servos. FM or PCM. 72MHz.
 Part # 90188 / (4) 94141 Micro Servos. FM or PCM. 72MHz.
 (Other options available)

RD6000

The RD6000 6 Channel PPM/FM system provides the sailplane flyer with the advanced features needed to make winning flights in competition, or for sport flying fun.

The beginner or expert sailplane flyer can Get The Advantage, by using the basic features of the RD6000 and adding the options selected from the advanced menu section of the program for further advanced flying. The simplified menu structure and extra large LCD screen makes it easy to program your exact requirements. All the features mentioned in the RD6000 aircraft section are also available for use with sailplanes. In order to fine tune a high performance sailplane, you can select spoiler-aileron mixing, landing differential and crow operation of your left and right ailerons. Naturally, the RD6000 System includes the new Micro 7 Channel light-weight Dual Conversion Super Narrow Band Receiver for superior interference rejection at extreme ranges. The RD6000 transmitter can operate any of the Airtronics PPM/FM receivers as well as all of our PCM/FM aircraft receivers. But we don't stop there. Invert modulation is also included for operation of most of the other R/C manufacturers' PPM/FM receivers.



RD6000 6 Channel Sailplane Systems are configured as follows: (Other options available)
 Part # 90310 FM / (4) 94102 Standard Servos with New "Z" Connector. 72 or 50MHz.
 Part # 90315 FM / (2) 94141 Micro Servos with New "Z" Connector. 72 or 50MHz

Vanguard 4R



Reigning Thermal duration F3J Champion Joe Wurts uses Airtronics Radio Systems to take him to the top.

The Vanguard is an excellent choice for the entry level or sport sailplane pilot looking for a high quality radio system at an affordable price. But low cost doesn't mean low performance. The Vanguard uses the same smooth, precise gimbal assemblies and the same advanced Dual Conversion Receiver technology as our professional level systems. With servo reversing, fully adjustable sticks, electronic trims and a trainer system, the Vanguard has everything you need to enjoy a two, three, or basic four channel sailplane.

Vanguard 4 Channel Sailplane Systems are configured as follows:
 Part #: 90071 FM / (2)94831 Mini Servos. 72 or 50MHz. Part #: 90112 FM / (2)94501 Microlight Servos. 72MHz.
 Part #: 90113 FM for Electrics / (2)94501 Microlight Servos. (1)96332 MA-6 Speed Controller. 72MHz.
 (Other options available)



Helicopter Systems

Stylus



Contest and professional helicopter pilots will love the power and flexibility of our 8 channel Stylus computer system. The abundant standard features include switch assignability, alternate model set-up, trim memory, 4 model memory, model naming, stopwatch/timer, servo end point, centering, and reverse adjustments, dual rates and exponential control response. Specialized Heli features include 4 separate flight modes, 4 five point pitch curves, 3 five point throttle curves, and trim offsets for aileron, elevator, and rudder in all flight modes. 4 revolution mixers, a compensation mixer, hovering pitch and throttle trim, throttle hold, and high and low pitch trim adjustments make the Stylus the most capable 8 channel system available. The Stylus card system allows you to further enhance the features with the optional plug-in Feature Card and store up to 50 models, or set ups with the optional Memory Card.

Other transmitter features include plug-in RF module, voltage display, plug-in cartridge NiCd battery, direct servo controller, RF meter and swiveling ball mount antenna. The Stylus comes with your choice of our compact 8 channel FM or 1024 PCM receivers and full NiCd batteries with 1000 mAh capacity receiver pack. Helicopter systems include software for aircraft and sailplanes.

Stylus 8 Channel Helicopter Systems are configured as follows:

Part #: 90184 FM / (5)94322 Ball Bearing Servos. 72 MHz.

Part #: 90185 FM / (5)94731 Contest Servos. 72 MHz. (Other options available)

Infinity 660



USA F3C Team Member & Helicopter Pilot
Wayne Mann, controlling the New Kalt Zeus
with his Stylus Radio System.

For the advanced helicopter flyer the Infinity 660 is a terrific 6 channel computer system that offers many features normally found only in the most advanced helicopter systems. The easy to use program provides 4 model memory, servo centering, end point and reverse adjustments, switch assignability, exponential, dual rates, mode select, stopwatch / timer, model naming, and data copy and reset. Four multi-point pitch curves are included for different flight mode conditions, as are throttle curves, rudder offsets, and trim memory.

A user assignable compensation mixer is also provided, as are hovering pitch and throttle adjustments and revolution mixing, throttle hold, and idle-up. The Infinity 660 comes with your choice of an FM or PCM Dual Conversion Super Narrow Band FM 6 channel receiver, and includes full NiCd batteries and charger. Helicopter systems also include software for aircraft and sailplanes.

Infinity 660 Helicopter Systems are configured as follows: Part #: 90160 PCM / (4)94102 Standard Servos. 72 or 50MHz.

Part #: 90161 PCM / (5)94743 Contest Servos. 72 or 50MHz. (Other options available)

RD6000

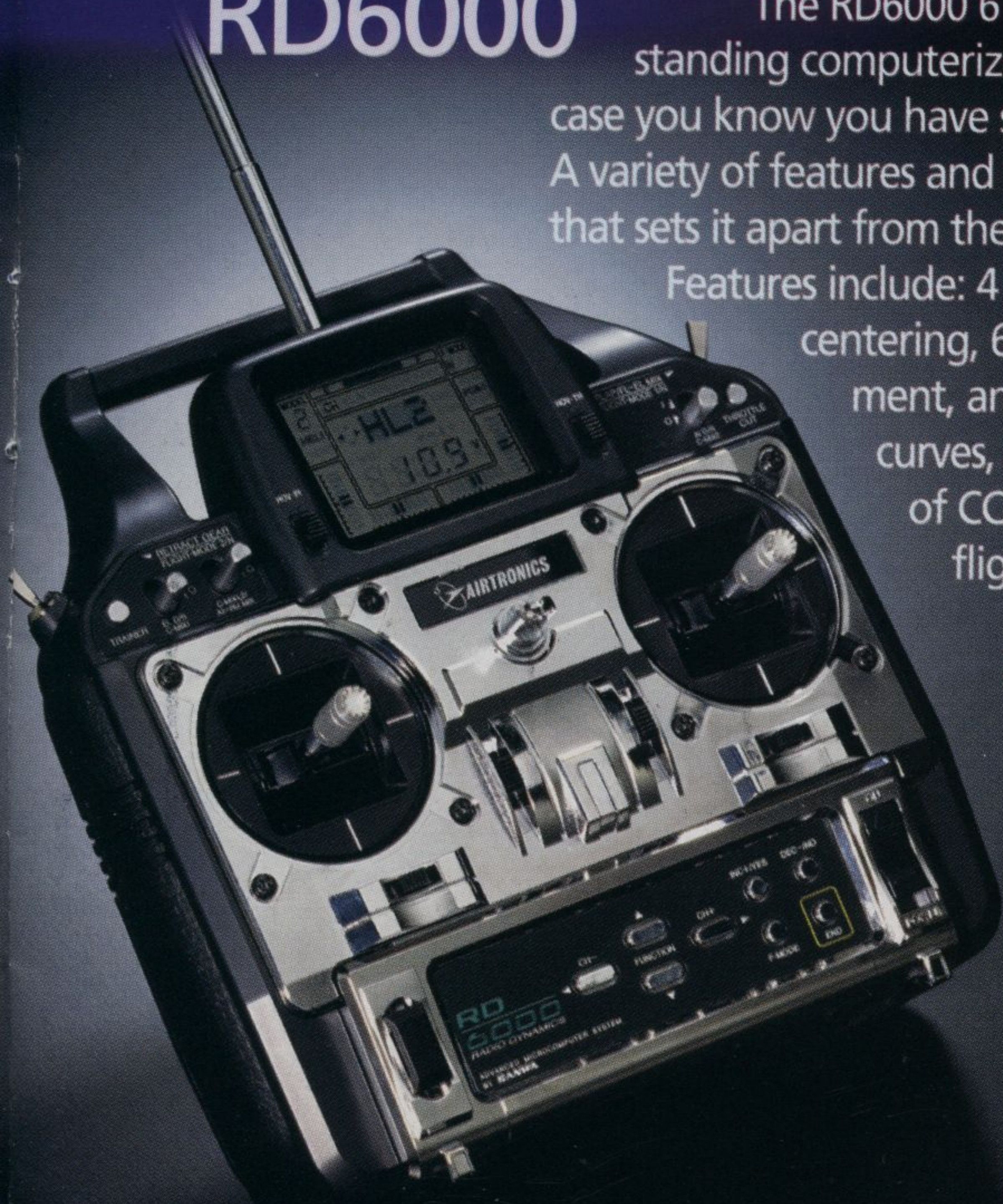
The RD6000 6 channel PPM/FM system is perfect for the professional helicopter pilot looking for an outstanding computerized radio control system. The very moment you pick up the RD6000 with its specially designed case you know you have something special. The large, ultra sharp LCD screen displays model set-ups quickly and clearly. A variety of features and functions are available under the Options section of the RD6000 microprocessor program that sets it apart from the rest.

Features include: 4 model memory, 3 dual rates, end point adjustment and servo reversing on all channels, servo centering, 6 digital trims (including Hov-Pitch and Hov-Throttle), subtrim for extra fine digital trim adjustment, and throttle cut. Advanced helicopter features include: 3-5 point pitch curves, 2-5 point throttle curves, 2-tail rotor pitch curves, gyro gain adjust in each flight mode, 2 compensation mixers, 4 types of CCPM mixing, dynamic trim memory (enables the user to have a different set of trims in each flight mode), throttle high and idle-up alarms.

The RD6000 includes the new Dual Conversion Super Narrow Band 92777 Micro 1oz. receiver and full Sanyo 1000mAh NiCd batteries. The RD 6000 Trainer system is compatible with the Vanguard, Radiant, Quasar and Infinity 660 Airtronics radio control systems when using the appropriate trainer cable, and 4 different modes can be selected to operate a variety of other receivers including Vanguard/Infinity 660 PCM, Stylus 1024 PCM, PPM/FM or PPM-Invert for other brand receivers.

RD6000 6 Channel Helicopter Systems are configured as follows:

Part # 90316 FM / (5) 94743 Ball Bearing Servos with New "Z" Connectors. 1000 mAh NiCd batteries. 72 or 50MHz. (Other options available)



Surface Systems

Airtronics M8

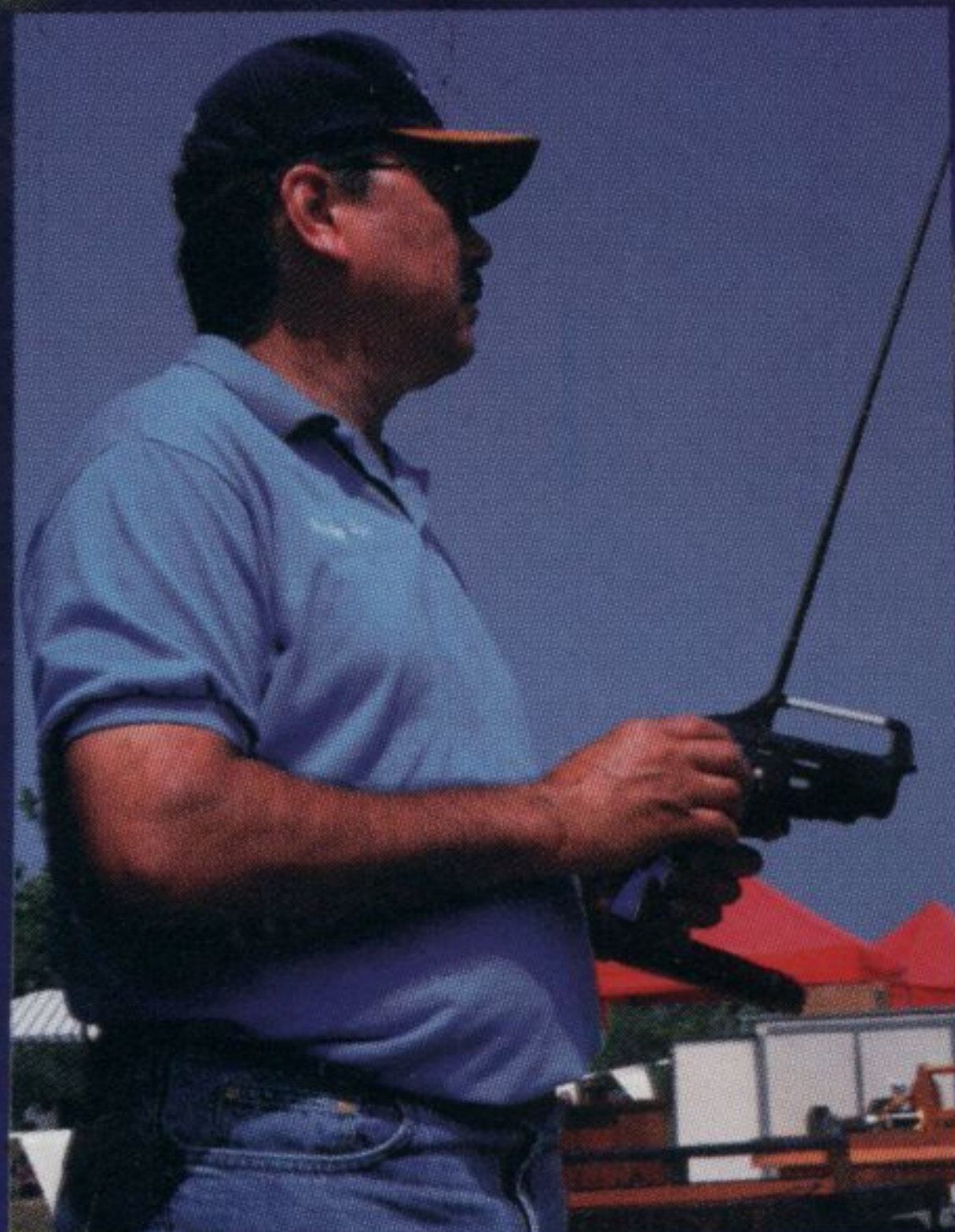
10 Model Memory That's Totally Evolutional

No other company knows more about technological advances in 3 channel computer radio systems than Airtronics. We make the most popular pistol grips ever, and now the M8 gives you 10 model memory and all the features you need to win. Including trim rate adjustment, one touch digital trim, variable control response, servo reversing, steering dual rate, steering & throttle expo, adjustable left or right hand grip, large and easy-to-read high contrast display.

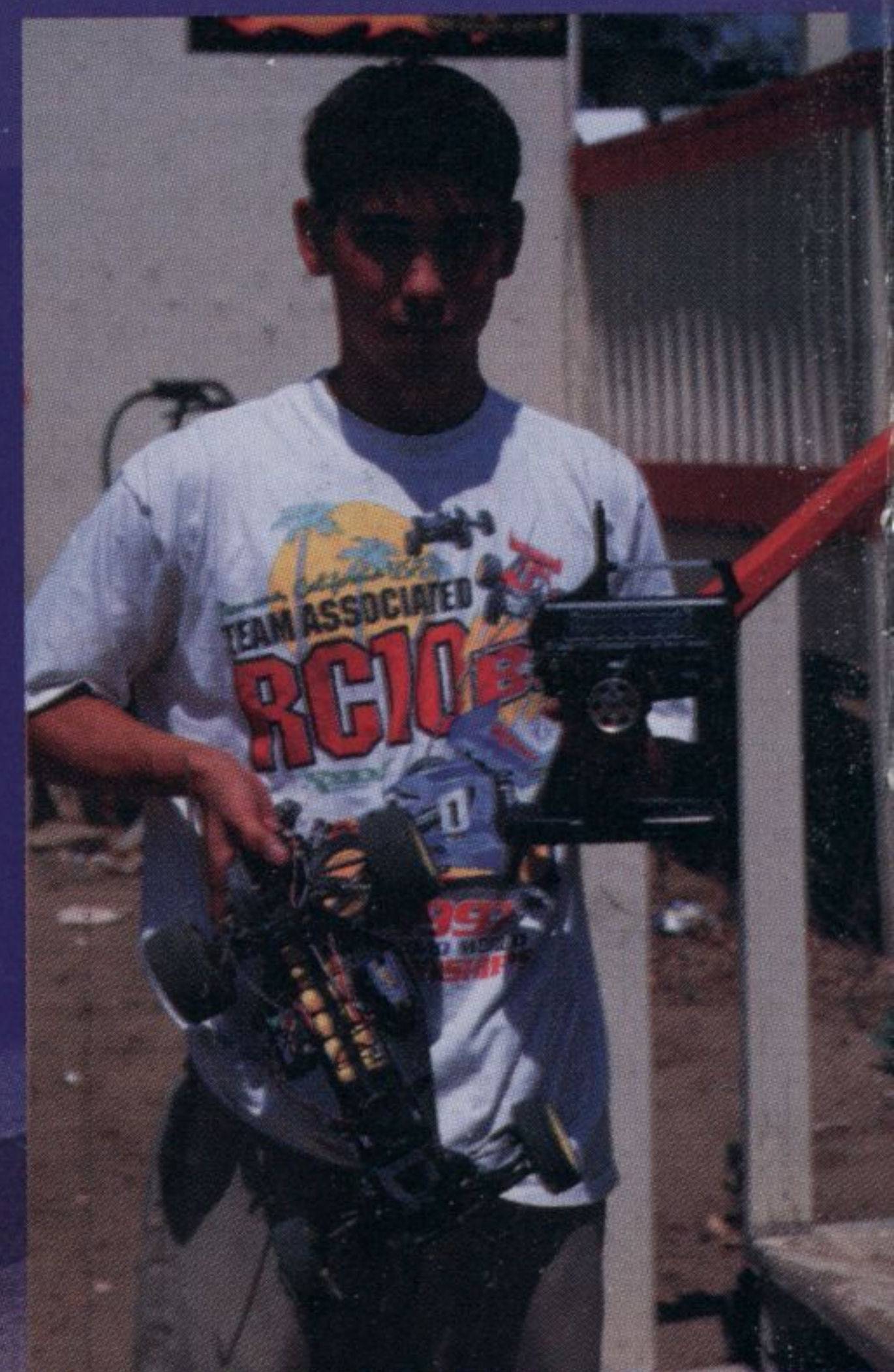
The Airtronics M8 is the most advanced 3 channel pistol grip system and is ideal for every surface application whatever the scale. There are no complicated adjustments. The M8's sophisticated programming can be set-up in a matter of seconds.

The New Airtronics M8 is so-called for being the 8th in the series of the *best* Airtronics pistol grip R/C Systems ever made and was voted number one in the 1998 R/C Car Action readers choice awards.

M8 3 Channel Surface Systems are configured as follows:
Part #: 90280 FM / (2) 94102Z Standard Servos. 27 or 75MHz.
Part #: 90284 FM / (1) 94145Z Micro Servo. 27 or 75MHz.
Part #: 90288 FM / (2) 94258Z Pro Servos. 27 or 75MHz.
(Other options available with New "Z" Connectors)



Bobby Tom,
'97 & '98 NAMBA
Champion, uses the
M8 to take his Power
Boats to victory.



M-SEL
LAP-T INT
RSP ON! ST
TIMER LAP INT

Dave Loftin, '97
International T.Q.,
and '98 Trinity
Shoot-Out Winner



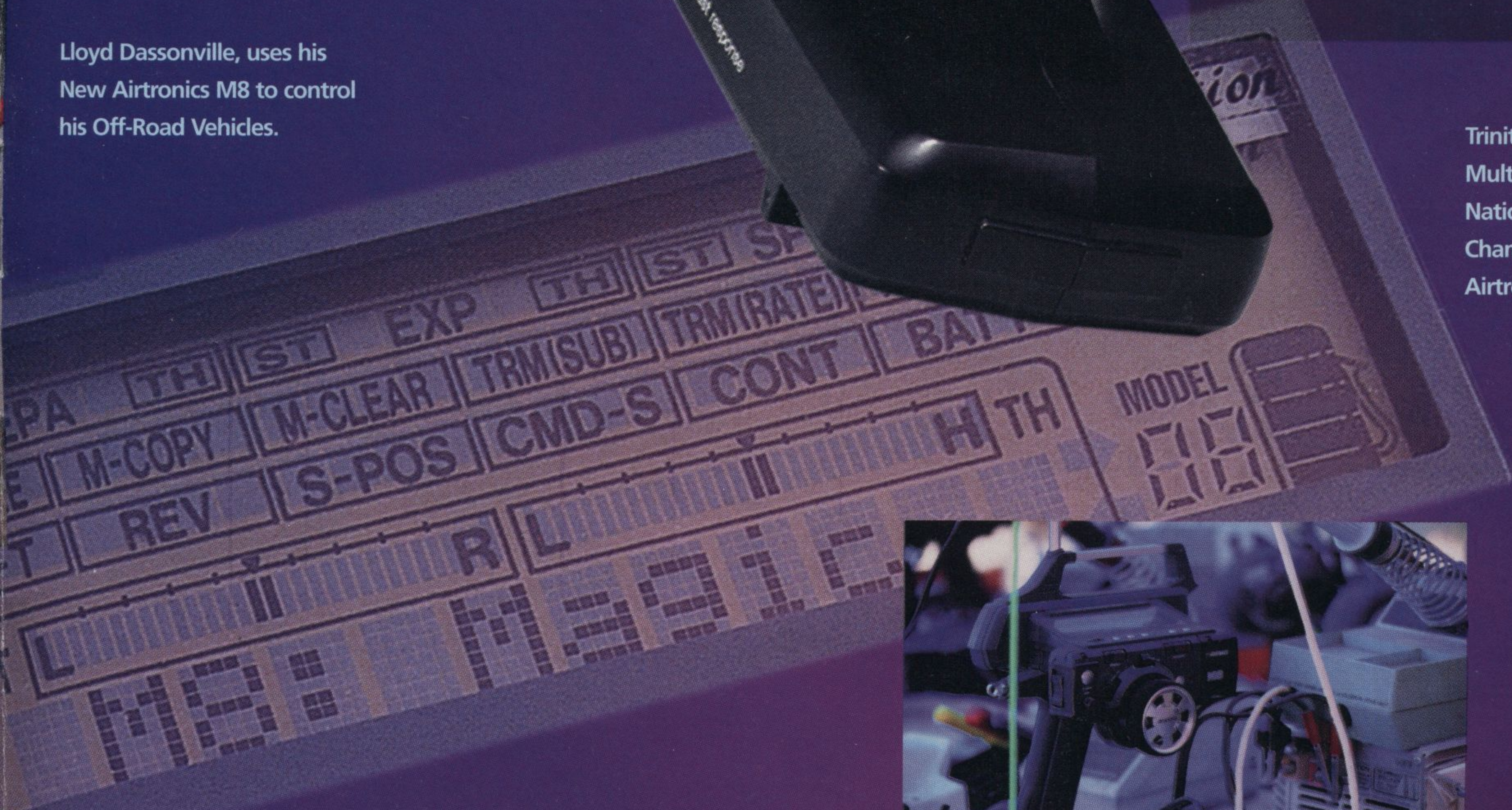
Billy Easton at the
Off-Road track
with his New M8.



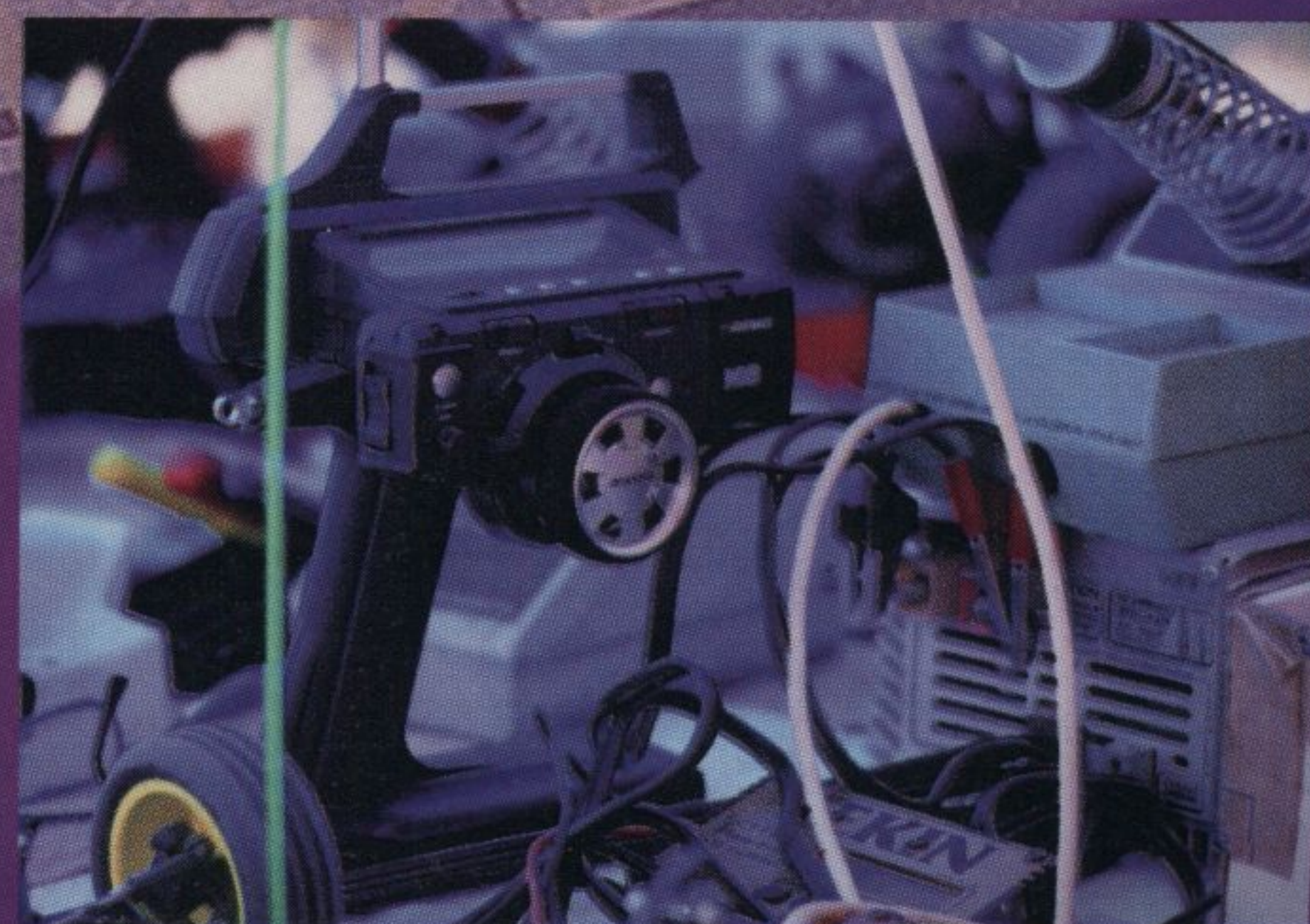
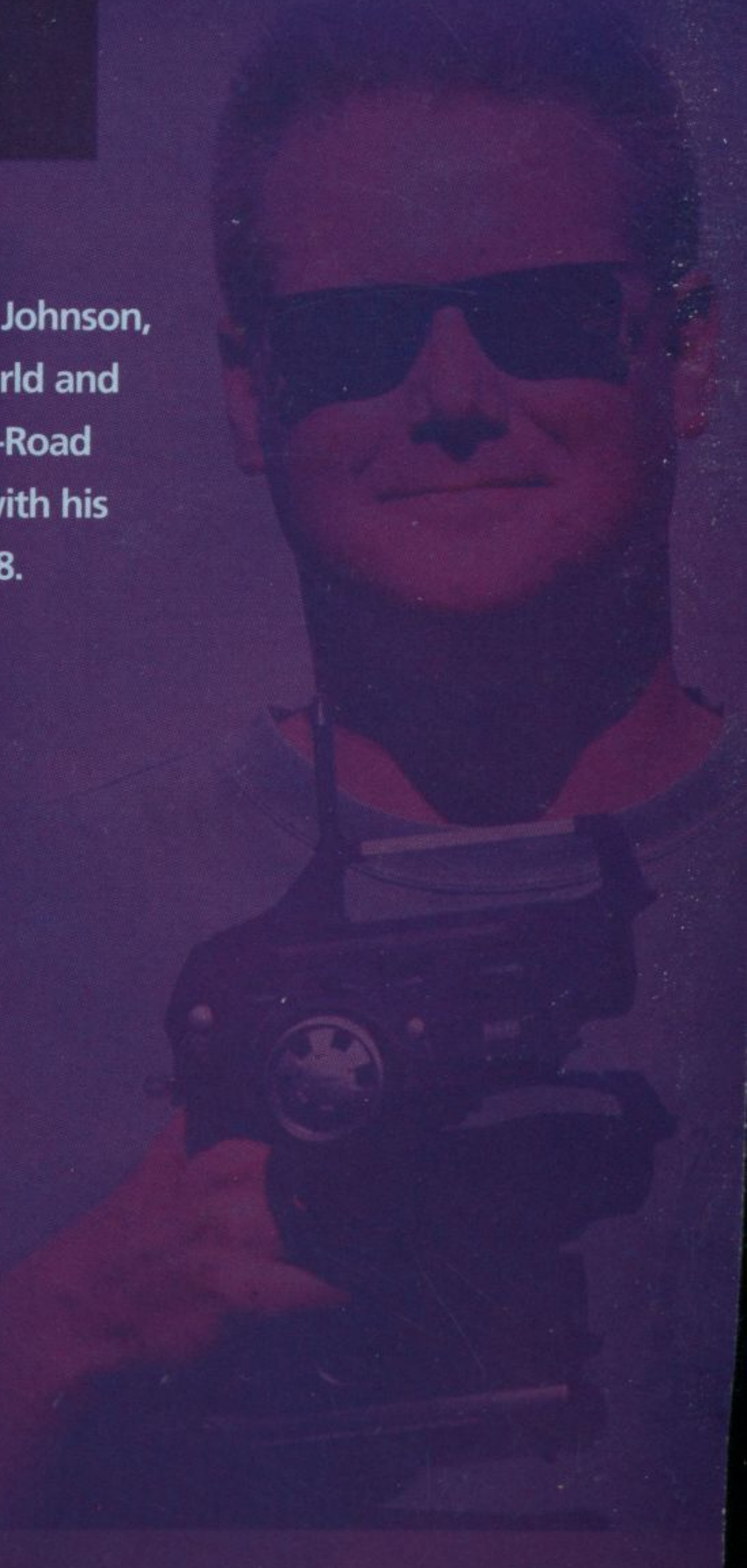
The 1998 R/C Car Action
readers choice awards
trophy for the Airtronics M8
voted #1.



Lloyd Dasonville, uses his
New Airtronics M8 to control
his Off-Road Vehicles.



Trinity's Joel Johnson,
Multiple World and
National On-Road
Champion with his
Airtronics M8.



Rival 2P & Rival Sport

Recreation or competition, the Rival and Rival Sport are great choices. These 2 Channel Sport Pistol Grip Radio Systems are built to give you fast response at a competitive price. Both AM narrow band systems feature an impressive transmitter design and a wide range of innovative features that will leave the competition behind.

For starters, both systems include high performance features, like a completely retractable antenna with a protective cover that encloses the antenna when not in use. LED battery level indicators, servo reversing, steering trim adjustment, throttle trim, throttle trigger guard, NiCd charging jack and high power output all come standard at no extra cost. The RV2P has dual rate steering and a low-battery warning system that sounds an alarm when a low-battery condition exists.

The Rival and Rival Sport are custom designed to literally mold to your hand, offering you an incredibly comfortable grip hour after hour.

Rival and Rival Sport 2 Channel Surface Systems are configured as follows:

Part #: 90136 AM / (1)94102 Standard Servo. 27 or 75MHz. (1)96315 Contender Speed Controller

Part #: 90137 AM / (1)94102 Standard Servos. 27 or 75MHz. (Also available with New "Z" Connectors)



XL2P

Performance and control are the key words with the Airtronics XL2P. For high-powered car or boat racing, the XL2P 2 channel pistol-grip R/C system ensures first rate performance and maneuverability no matter what the surface conditions.

Features include trigger operated throttle, thumb activated panic brake button, high visibility LED "ON" indicator, servo reversing, Posi-Grip wheel with adjustable steering tension, steering dual rate adjustment and adjustable travel volume on throttle.

The XL2P has sensitive trigger throttle response, finger-activated proportional brake control and positive, quick steering response so you're always in complete command, and the well balanced grip easily reverses for right or left-handed operation.

XL2P 2 Channel Surface Systems are configured as follows:

Part #: 90060 AM / (2) 94831 Mini Servo. 27 or 75MHz.

Part #: 90111 AM / (1) 94102 Standard Servos. 27 or 75MHz.

(1) 96315 Contender Speed Controller

(Also available with New "Z" Connectors)

There's no better way to get into R/C car or boat modeling on a budget than with the Avenger AV2X R/C system. Combining high-quality components, top-level design and a healthy dose of high-performance features, the Avenger AV2X is superb all-around value.

The AV2X 2 channel AM system features a functional two-stick design and finely crafted appearance. Compare these features with any system in its league: Servo reversing on both channels, Battery eliminator circuitry (B.E.C.), Low voltage audio alarm, Mechanical steering EPA, Throttle kick-down, plug-in crystals, easy to use battery indicator, NiCd charge jack, two single-axis stick assemblies, compact, lightweight mini-receiver, and complete operational hardware.

Avenger 2X

Avenger 2 Channel Surface Systems are configured as follows:

Part #: 90125 AM / (2)94102 Standard Servos. 27 or 75MHz.

(Also available with New "Z" Connectors)



Vanguard 4R & 6DR

Airtronics 4 and 6 channel Vanguard Systems on 75MHz have become extremely popular with scale boat enthusiasts. Ease of operation and reliability are utilized with gas or electric powered surface vessels or submarines.

Vanguard 4 Channel Surface Systems are configured as follows:

Part #: 90072 FM / (4)94102 Standard Servos. 75MHz.

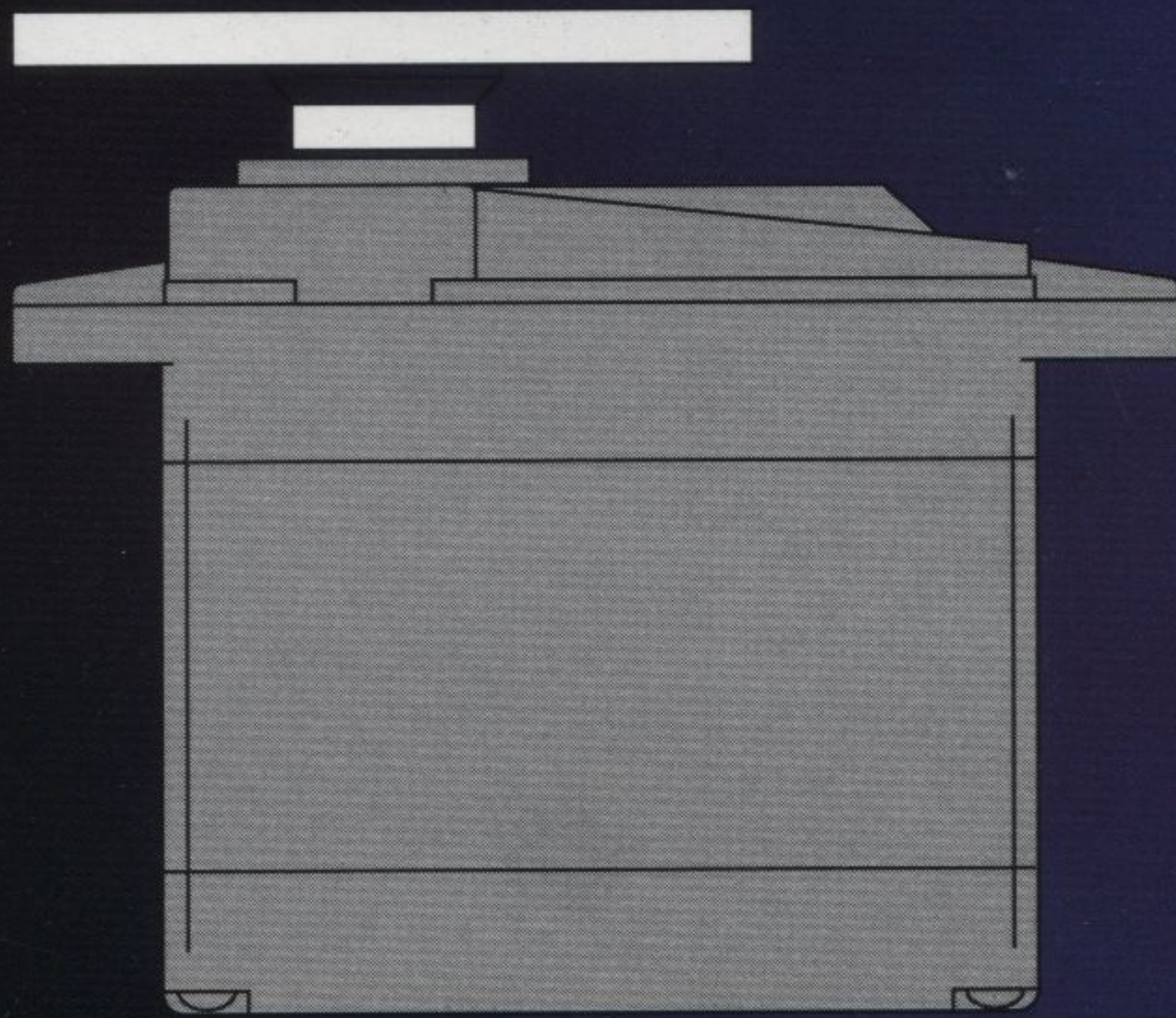
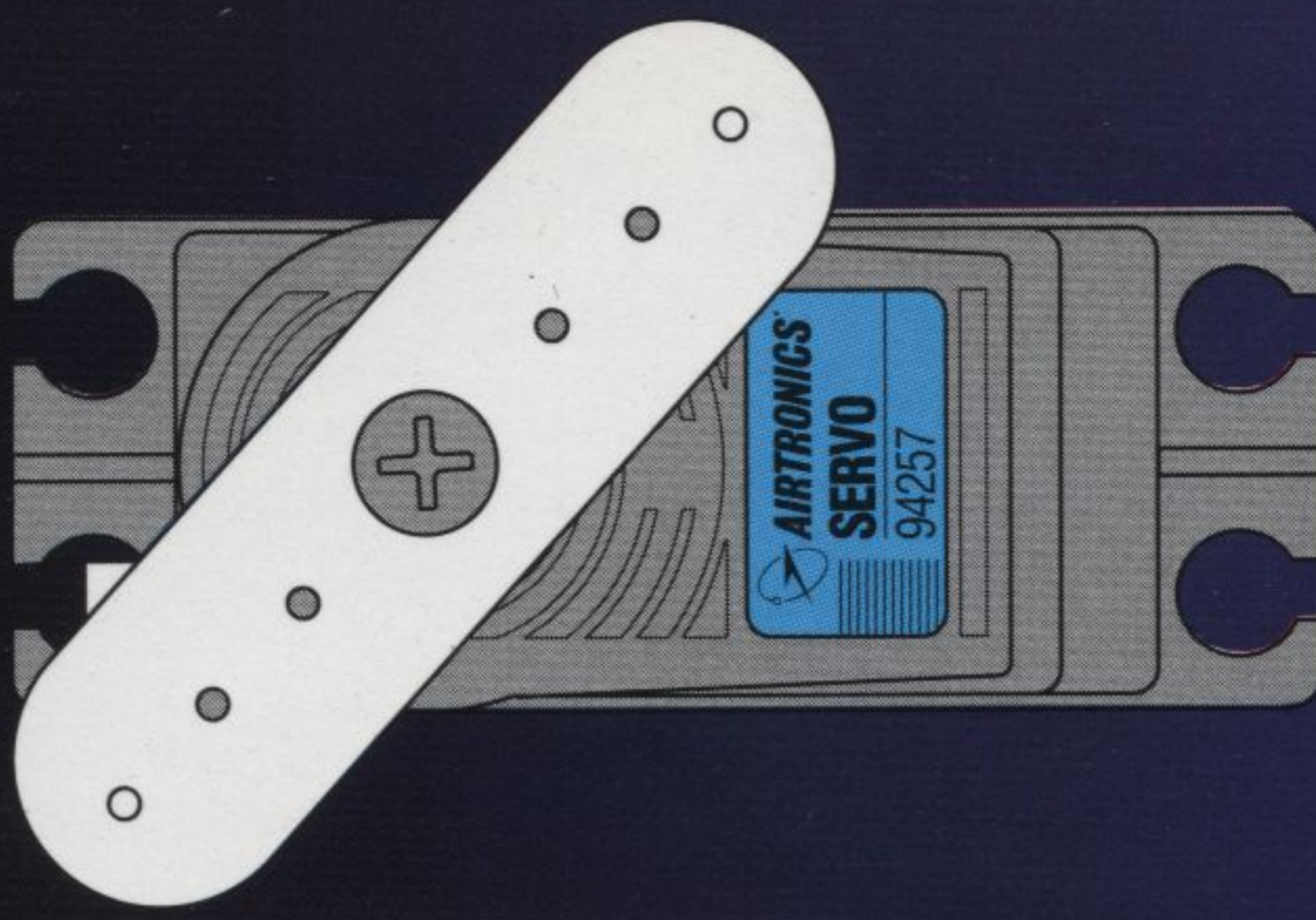
Part #: 90073 FM / (4)94102 Standard Servos. 75MHz.



Servos (Shown actual size).

Airtronics servos feature custom I.C.'s, Surface Mount Technology (SMT) construction, and splined output shafts for easier control surface adjustments. Molded neoprene vibration isolators and injection-molded servo cases ensure superior strength and long lasting durability.

All our servos are manufactured with rugged heavy duty gear trains and are fully compatible with all Airtronics AM, FM and PCM systems. All Servos are now available with new "Z" Connectors which enables Airtronics servos to be linked to receivers of other brands.



94257 PRO RR High Speed Aluminum Gear Ball Bearing Servo

The latest version of the world's most popular ultra high speed servo. Designed for off road racing competition, the 94257 features super tough aluminum gears, custom high output coreless motor, custom IC, and high quality long life pot and SMT construction.

94258 PRO ZZ High Torque Aluminum Gear Ball Bearing Servo

The racer's choice for all heavy duty applications including 1/8 and 1/10 scale gas cars, and trucks, and performance boats. The 94258 offers more torque than many servos that are twice the size. Features include a custom coreless motor, and water resistant case.

94451 PRO Contest Heli High Speed & Torque Double Ball Bearing Servo

When top performance is what you demand from your helicopter, try this super high speed and torque servo which features coreless motor, double ball bearing output, waterproof and standard size case.

94452 PRO Contest Aircraft High Speed Double Ball Bearing Servo

For the serious flyer that wants only the best. The 94452 features a super fast response time, coreless motor, double ball bearing output, and super tough aluminum gear train.

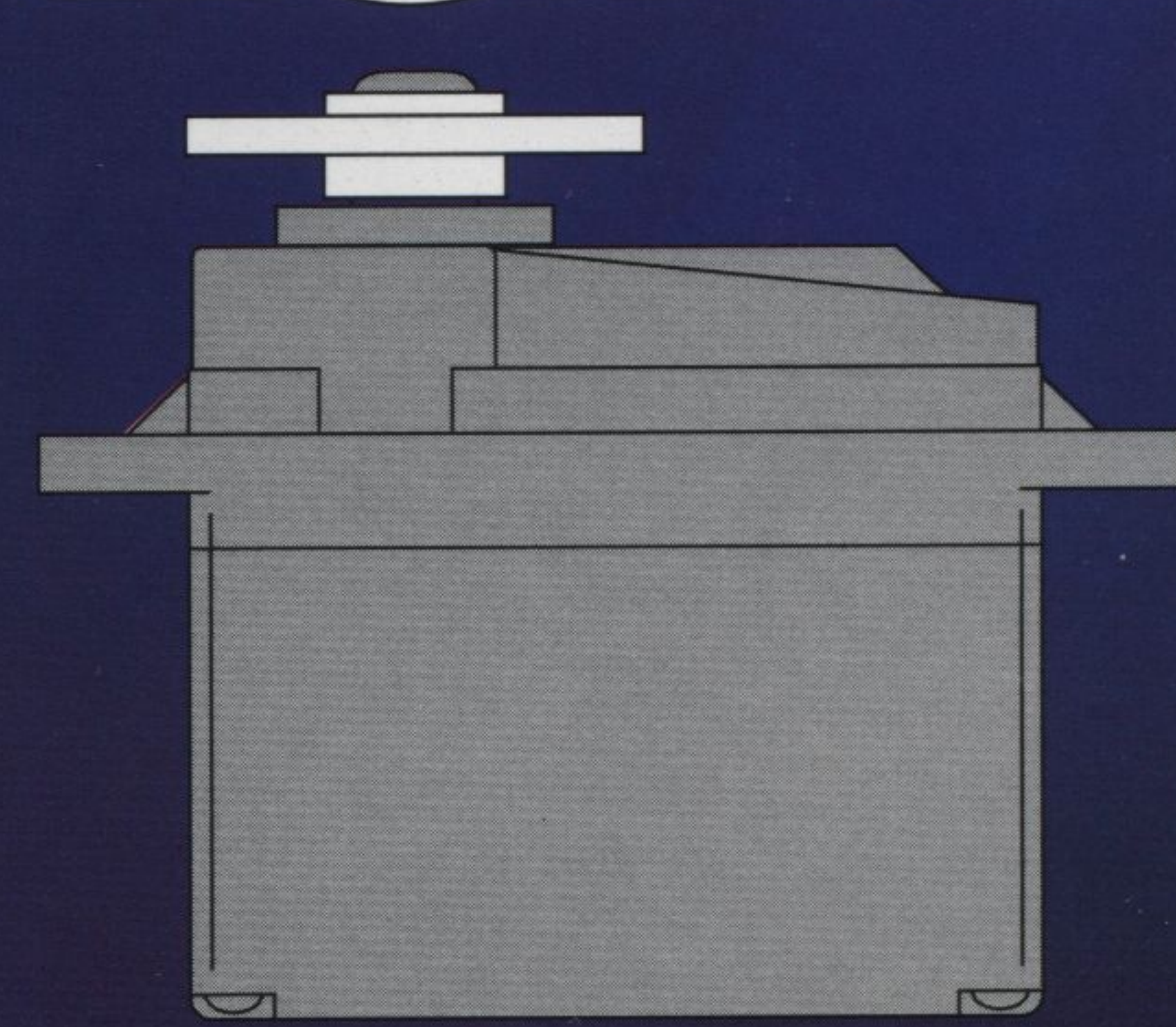
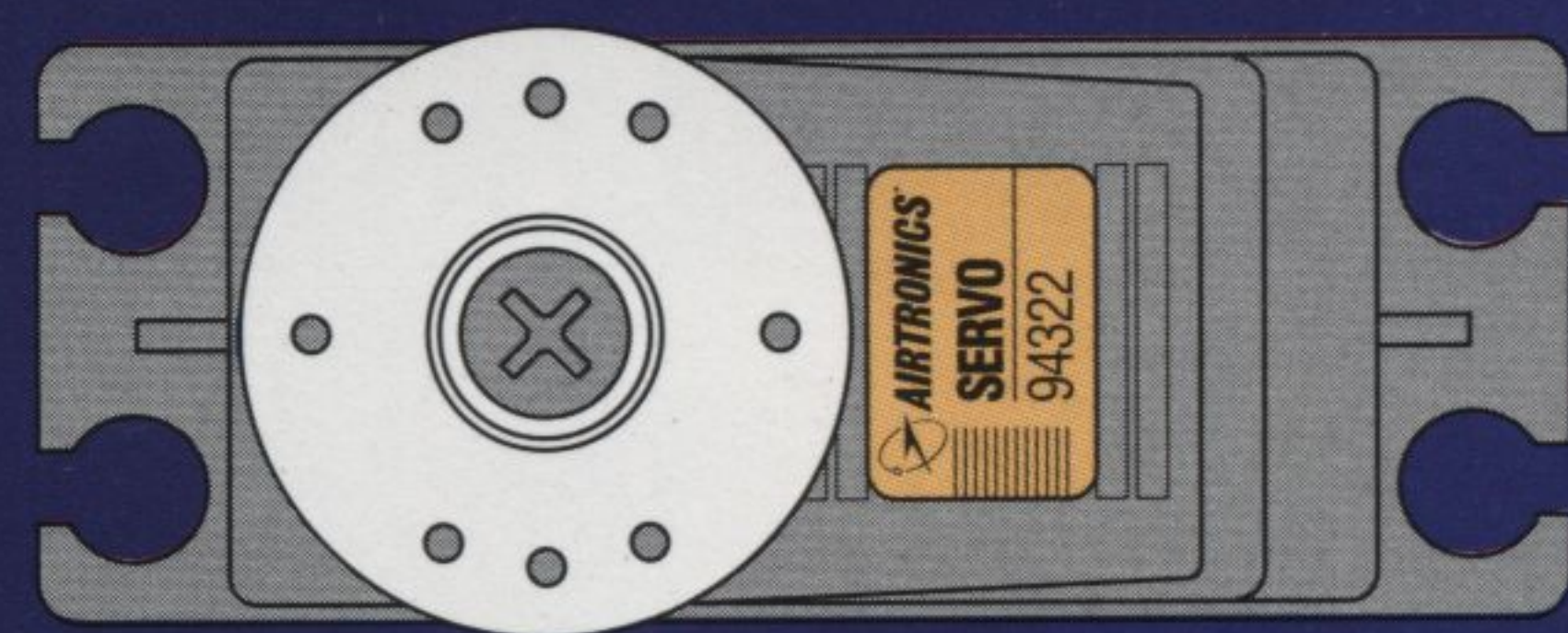
94453 PRO Contest Aircraft & Heli High Torque Double Ball Bearing Servo

If it's torque you want then torque you'll get. This servo features coreless motor, double ball bearing output with aluminum gear, and super tough aluminum gear train.

94161* PRO Large Scale Ball Bearing Servo

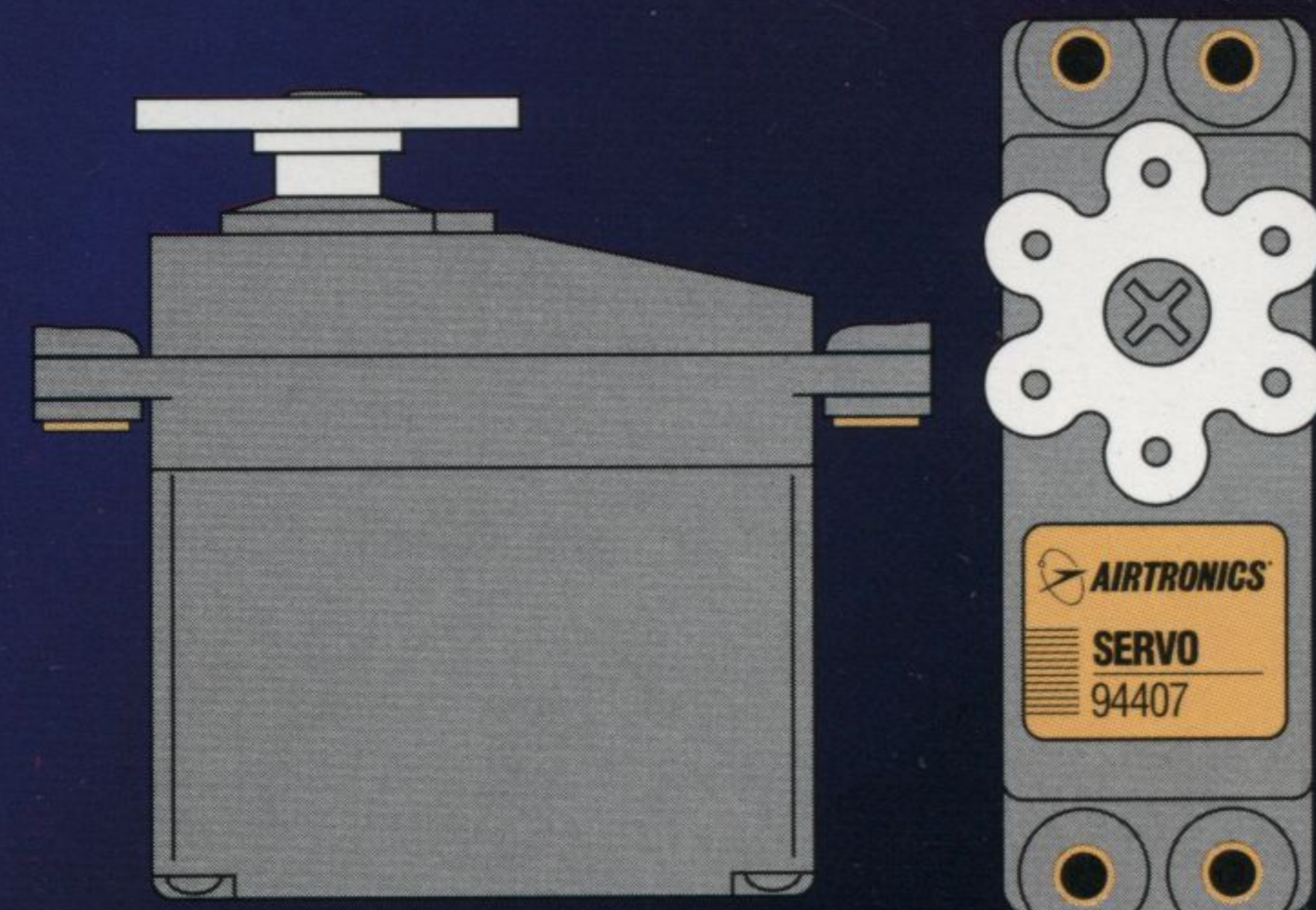
The 94161 is for applications requiring high torque and a small size. It has the same mounting dimensions as our standard 94102 servo. It is suitable for 1/4 scale and giant scale models. Features double ball bearings, metal gear train, and a high performance motor.

*.27" higher than illustration shown above



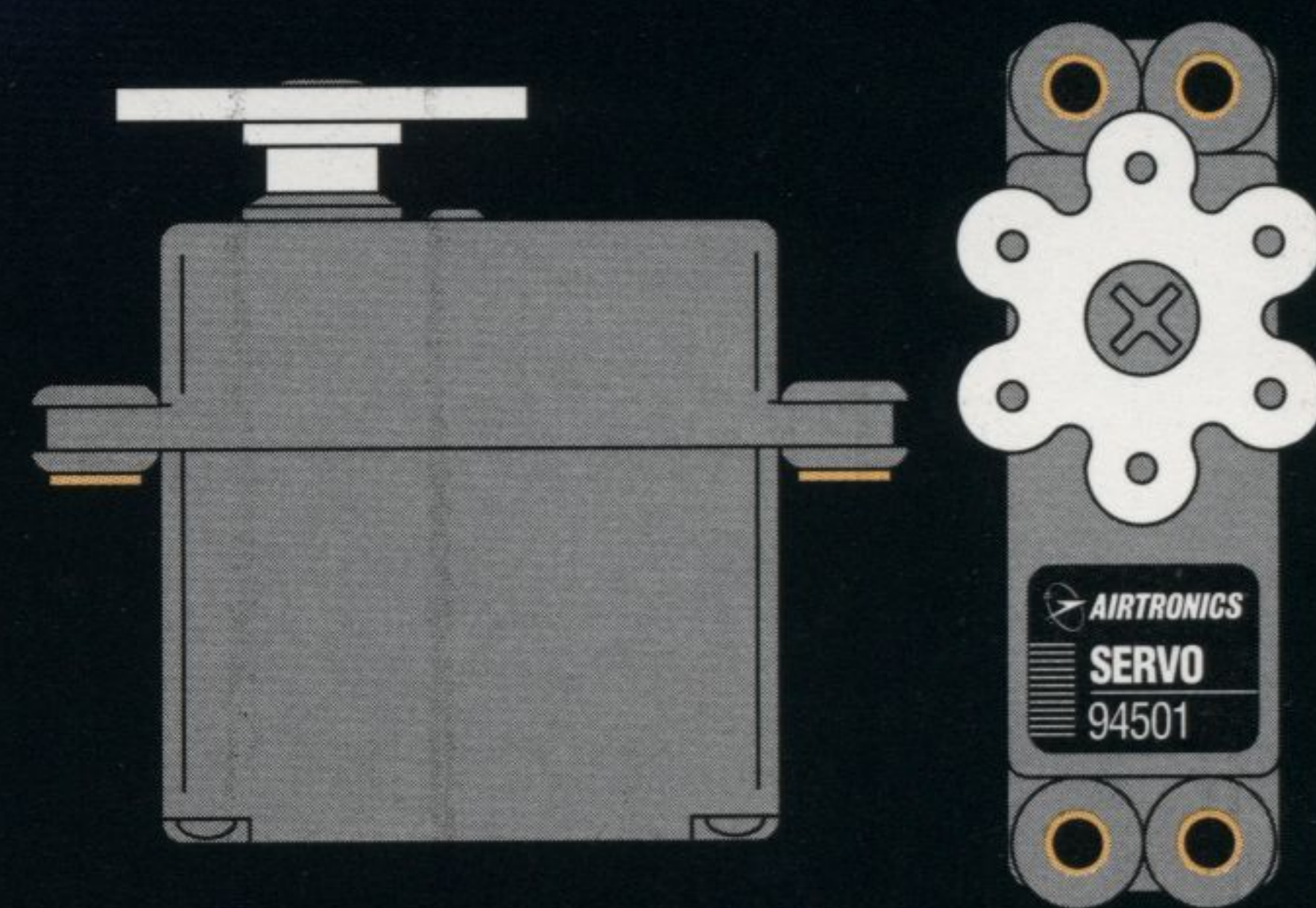
94322 Precision Heavy Duty Ball Bearing Standard Servo

The 94322 is a ball bearing version of our popular 94102 standard servo. A single ball bearing supported output shaft and a tough molded gear train make this a good choice for extra durability and precision.



94407 Micro Ball Bearing Servo

An excellent choice for installations requiring a servo with good output torque in a small size. It features a metal and molded gear train with a standard 5 pole motor.

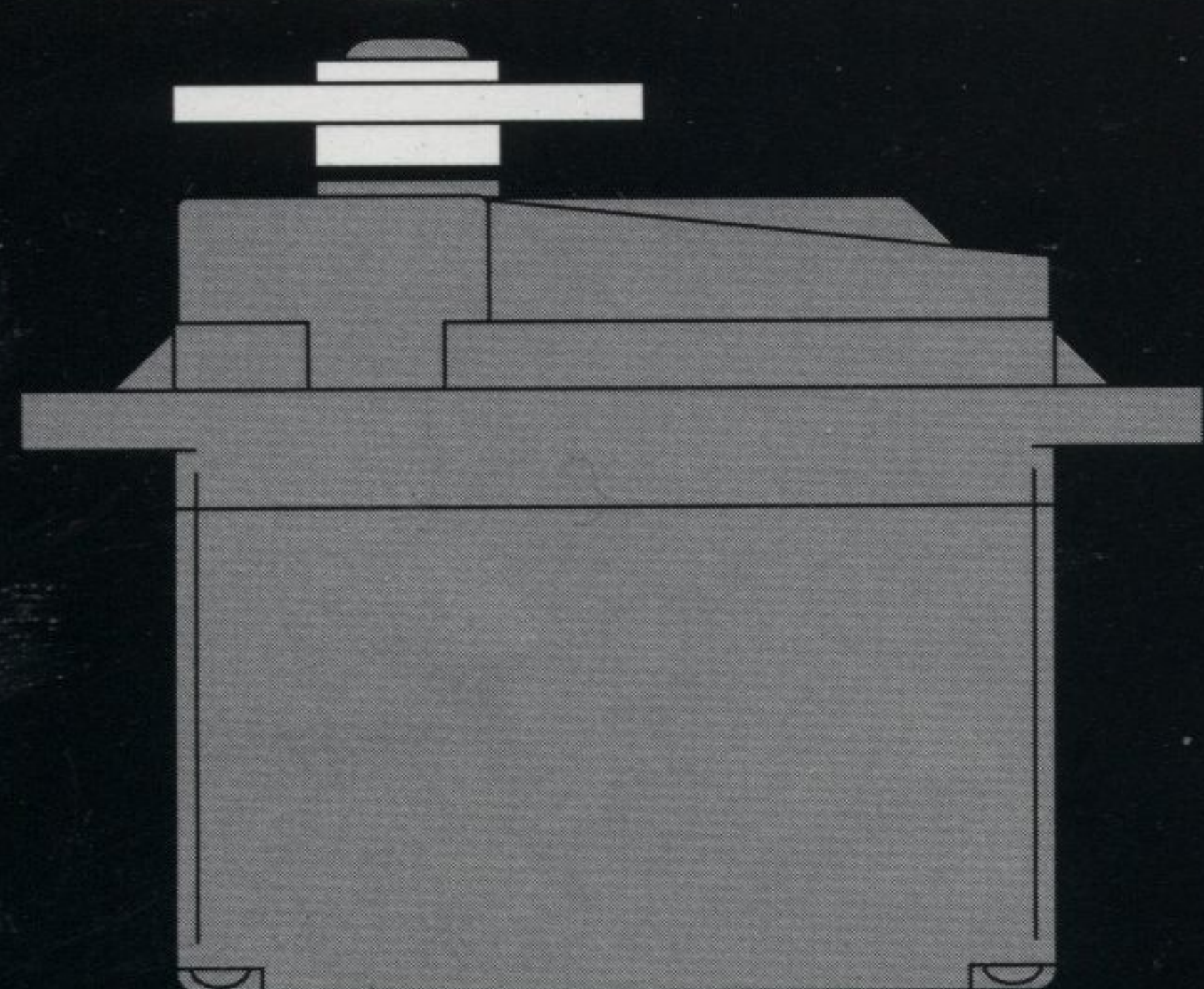
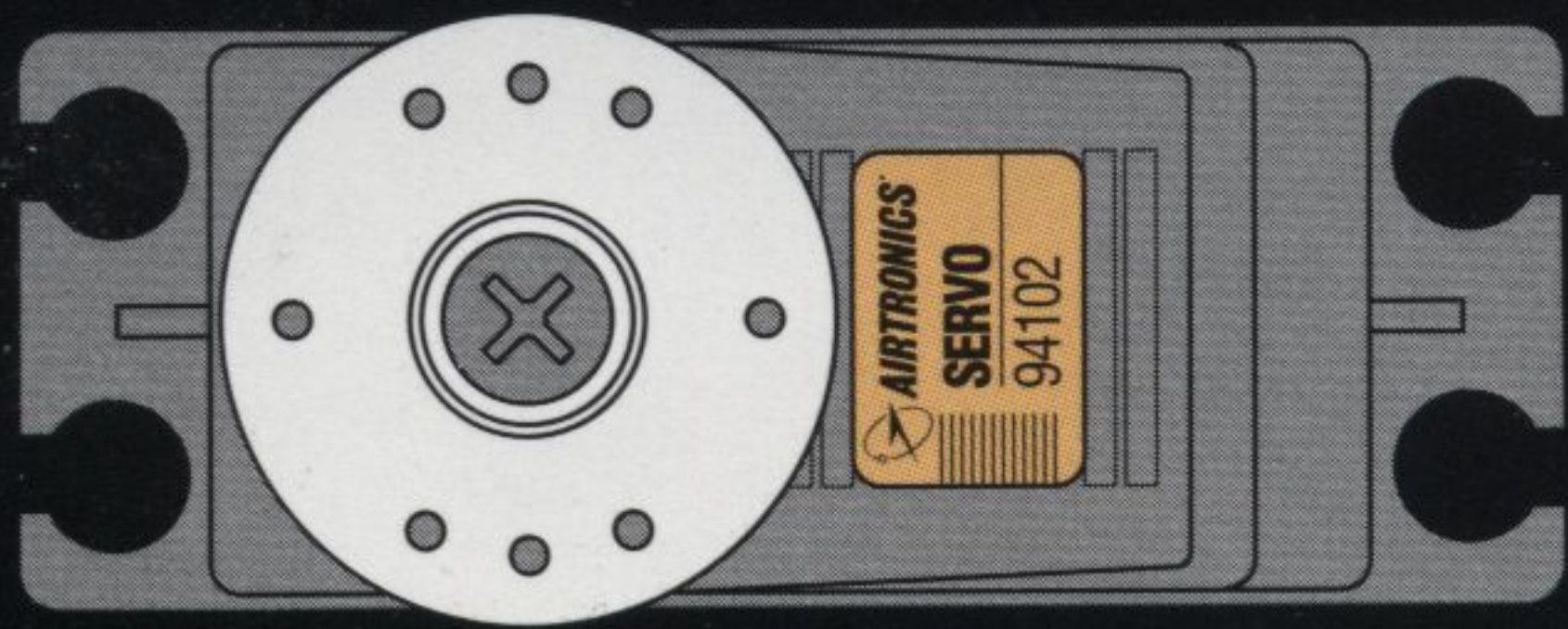


94501 Microlite Servo

The 94501 is a lightweight servo recommended for 1/2 A powered models, sailplanes and small electric powered aircraft. It features a coreless motor, and low dead band for excellent resolution. Uses micro servo arms.

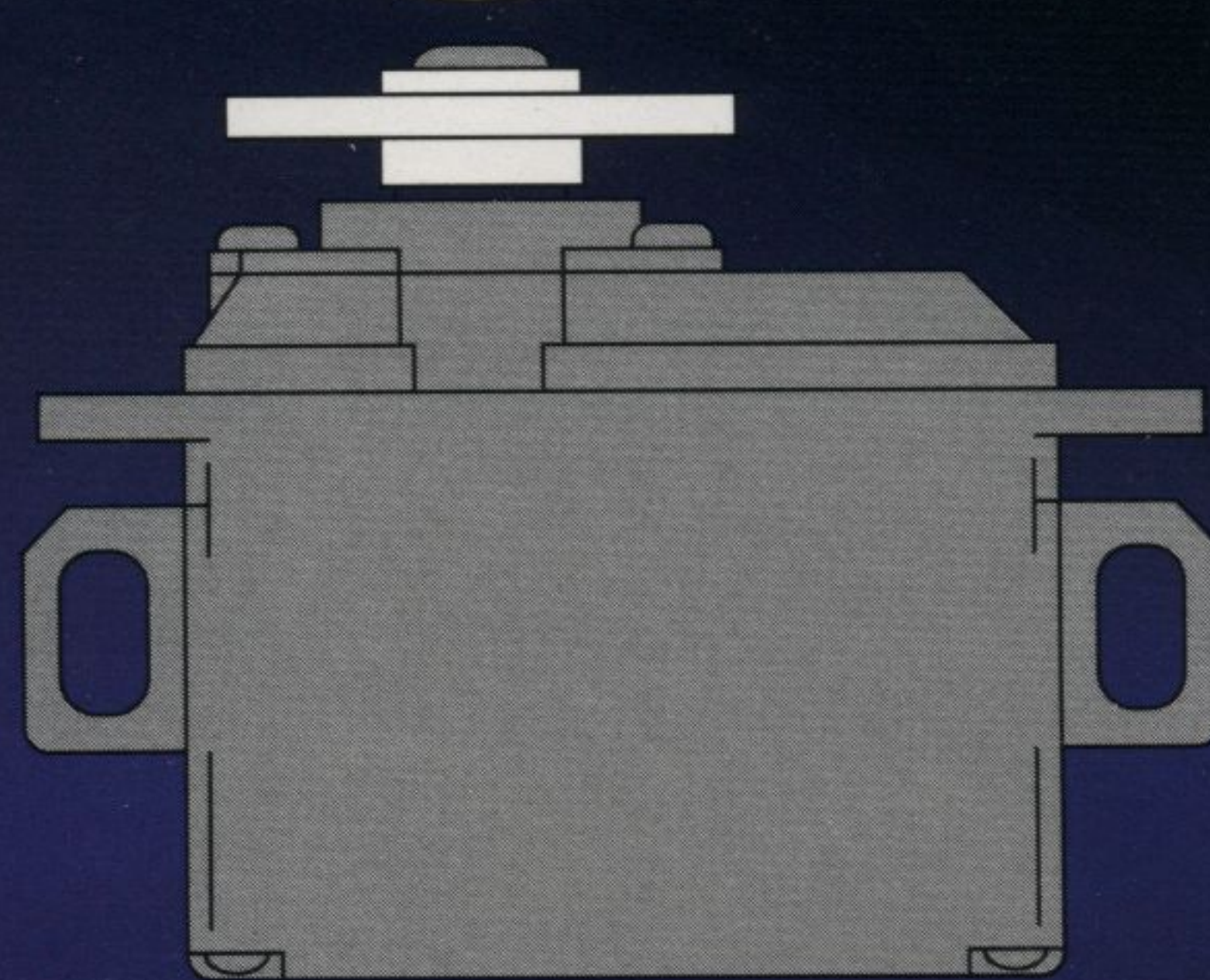
94555 Microlite Servo

The 94555 is perfect for sailplane ailerons, F5B electric models, and all types of small models. It features a coreless motor, twin mounting holes for stability, an aluminum output gear and aluminum gears.



94102 Precision Heavy Duty Standard Servo

Our Standard Servo, well suited for all types of aircraft, car, and boat models. The 94102 features compact size, rugged gear train, and is compatible with all Airtronics Systems.



94141 Precision High Torque Ball Bearing Micro Servo

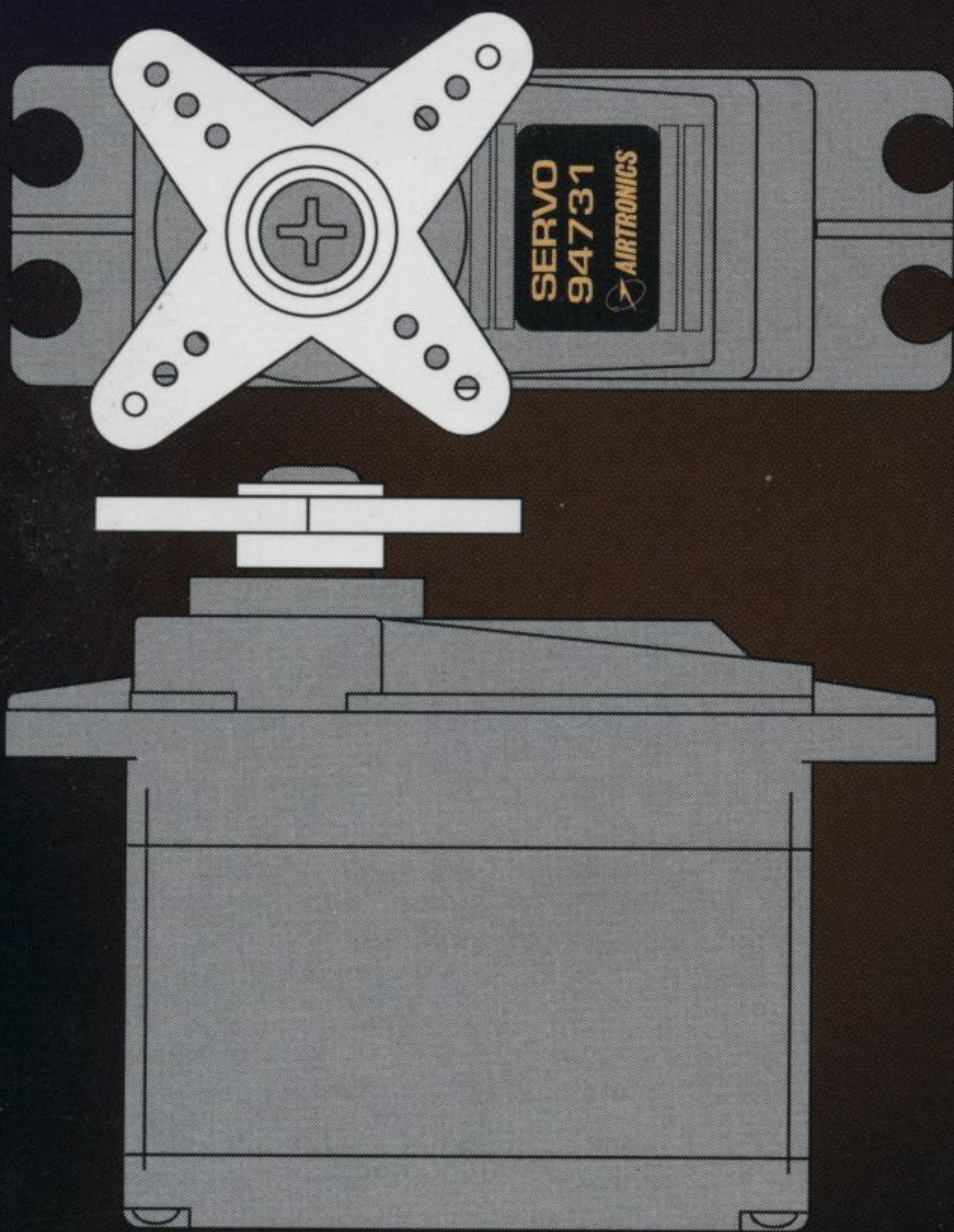
The 94141 servo is used for sailplanes, powered models, and electric aircraft. Its unique case design make it ideal for horizontal mounting in a sailplane wing. Single ball bearing and metal gear train provide accuracy and ruggedness.

94145 Precision Aluminum Output Gear Ball Bearing Micro Servo

Features include aluminum output gear with ball bearing and super fast transit time for 1/10th and 1/12th on road cars. Transit time is a lightning fast 0.07 seconds at 6 volts.

Airtronics Servos Specifications

Part #	Description	Weight	Dimensions	Operating Voltage	Torque	Speed	Motor
94102	Precision Heavy Duty Standard	1.59 oz.	L: 1.54" x W: 0.79" x H: 1.42"	4.8	50 in./oz.	0.22 secs. for 60° Rotation	Standard 3 Pole
94141	Precision High Torque Single Ball Bearing Micro	1.17 oz.	L: 1.42" x W: 0.85" x H: 1.29"	4.8	45 in./oz.	0.20 secs. for 60° Rotation	Coreless
94145	Precision High Speed Aluminum Gear Single Ball Bearing Micro	1.11 oz.	L: 1.42" x W: 0.60" x H: 1.29"	6.0	33 in./oz.	0.07 secs. for 60° Rotation	Coreless
94161	PRO Large Scale Double Ball Bearing	2.5 oz.	L: 1.54" x W: 0.79" x H: 1.65"	4.8	135 in./oz.	0.25 secs. for 60° Rotation	Standard 3 Pole
94257	ERG-ZR High Speed Aluminum Gear Double Ball Bearing	1.8 oz.	L: 1.54" x W: 0.79" x H: 1.38"	6.0	110 in./oz.	0.06 secs. for 60° Rotation	Coreless
94258	ERG-ZB High Torque Aluminum Gear Double Ball Bearing	1.8 oz.	L: 1.54" x W: 0.79" x H: 1.38"	6.0	145 in./oz.	0.09 secs. for 60° Rotation	Coreless
94322	Precision Heavy Duty Double Ball Bearing	2.07 oz.	L: 1.54" x W: 0.79" x H: 1.48"	4.8	50 in./oz.	0.2 secs. for 60° Rotation	Coreless
94407	Micro Double Ball Bearing	2.07 oz.	L: 1.54" x W: 0.79" x H: 1.48"	4.8	29 in./oz.	0.23 secs. for 60° Rotation	Coreless
94451	PRO Contest Heli & Airplane High Speed Ball Bearing	2.1 oz.	L: 1.54" x W: 0.79" x H: 1.48"	4.8	90 in./oz.	0.15 secs. for 60° Rotation	Coreless
94452	PRO Contest Airplane & Heli High Speed Double Ball Bearing	2.1 oz.	L: 1.54" x W: 0.79" x H: 1.48"	4.8	80 in./oz.	0.11 secs. for 60° Rotation	Coreless
94453	PRO Contest Airplane & Heli High Torque Double Ball Bearing	2.1 oz.	L: 1.54" x W: 0.79" x H: 1.48"	4.8	100 in./oz.	0.17 secs. for 60° Rotation	Coreless
94501	Microlite	0.57 oz.	L: 1.07" x W: 0.50" x H: 1.07"	4.8	29 in./oz.	0.23 secs. for 60° Rotation	Coreless
94555	CONTEST Aircraft & Heli Double Ball Bearing	0.58 oz.	L: 1.07" x W: 0.50" x H: 1.07"	4.8	30 in./oz.	0.21 secs. for 60° Rotation	Coreless
94581	Sail Winch	4.94 oz.	L: 3.65" x W: 1.58" x H: 1.78"	4.8	170 in./oz.	5.0 secs. for 170° Rotation	Standard 3 Pole
94731	CONTEST Aircraft & Heli Double Ball Bearing	1.8 oz.	L: 1.54" x W: 0.79" x H: 1.38"	4.8	80 in./oz.	0.17 secs. for 60° Rotation	Coreless
94734	CONTEST Retract Double Ball Bearing	1.73 oz.	L: 1.54" x W: 0.79" x H: 1.38"	4.8	74 in./oz.	0.40 secs. for 60° Rotation	Standard 5 Pole
94737	CONTEST High Speed Double Ball Bearing	1.95 oz.	L: 1.54" x W: 0.79" x H: 1.38"	4.8	57 in./oz.	0.15 secs. for 60° Rotation	Coreless
94738	CONTEST High Torque Double Ball Bearing	1.95 oz.	L: 1.54" x W: 0.79" x H: 1.38"	4.8	71 in./oz.	0.21 secs. for 60° Rotation	Coreless
94739	CONTEST Proportional Retract Double Ball Bearing	1.77 oz.	L: 1.54" x W: 0.79" x H: 1.38"	4.8	74 in./oz.	0.42 secs. for 60° Rotation	Standard 5 Pole
94742	CONTEST GP High Speed Double Ball Bearing	1.79 oz.	L: 1.54" x W: 0.79" x H: 1.38"	4.8	50 in./oz.	0.11 secs. for 60° Rotation	Standard 3 Pole
94743	CONTEST AP Standard Double Ball Bearing	1.83 oz.	L: 1.54" x W: 0.79" x H: 1.38"	4.8	60 in./oz.	0.2 secs. for 60° Rotation	Standard 3 Pole
94831	Mini Single Ball Bearing	1.1 oz.	L: 1.46" x W: 0.71" x H: 1.18"	4.8	38 in./oz.	0.21 secs. for 60° Rotation	Standard 3 Pole
94921	Low Profile Double Ball Bearing	1.6 oz.	L: 1.75" x W: 0.88" x H: 0.92"	4.8	75 in./oz.	0.16 secs. for 60° Rotation	Coreless
94924	Low Profile Double Ball Bearing Retract	1.6 oz.	L: 1.75" x W: 0.88" x H: 0.92"	4.8	85 in./oz.	0.48 secs. for 60° Rotation	Standard 3 Pole



94731 CONTEST Aircraft & Helicopter Ball Bearing Servo

Designed to be used in aircraft or helicopters, this outstanding contest servo has both high resolution and high torque. It features a double ball bearing supported output gear, coreless motor, metal and molded gear train and an extremely tight dead band.

94734 CONTEST Retract Double Ball Bearing Servo

A high torque switch type 170° retract servo for fixed wing aircraft or helicopters. It features a special retract arm, a 5 pole motor and uses a rugged metal and molded gear train.

94737 CONTEST High Speed Ball Bearing Servo

A high speed coreless motor, double ball bearing servo, designed for both R/C car and boat operation. It features a molded and metal gear train and uses all standard sized output arms.

94738 CONTEST High Torque Ball Bearing Servo

This coreless motor double ball bearing servo provides high torque with excellent resolution. The sturdy injection molded case is sealed with an O-ring to ensure water resistant operation in R/C cars and boats.

94739 CONTEST Proportional Retract Ball Bearing Servo

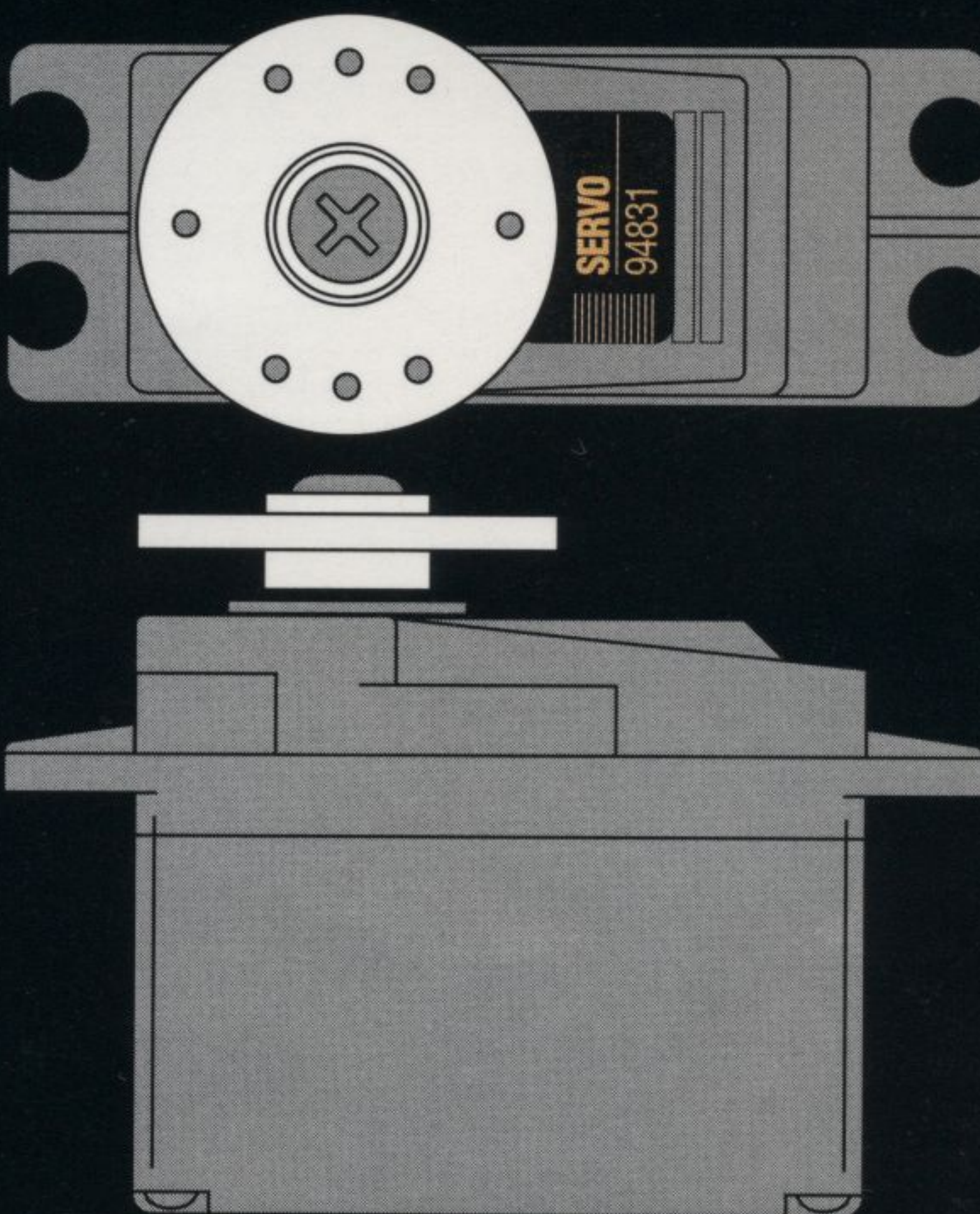
A high torque proportional 170° retract or flap servo. This powerful contest servo features a heavy durable metal and molded gear train with a double ball bearing supported output shaft.

94742 CONTEST GP High Speed Ball Bearing Servo

Our 94742 Contest servo features a super tough gear train, a double ball bearing supported output gear, quick response, and good torque in a standard sized case. It is ideal for use in 1/10th or 1/12th scale on or off road gas and electric cars.

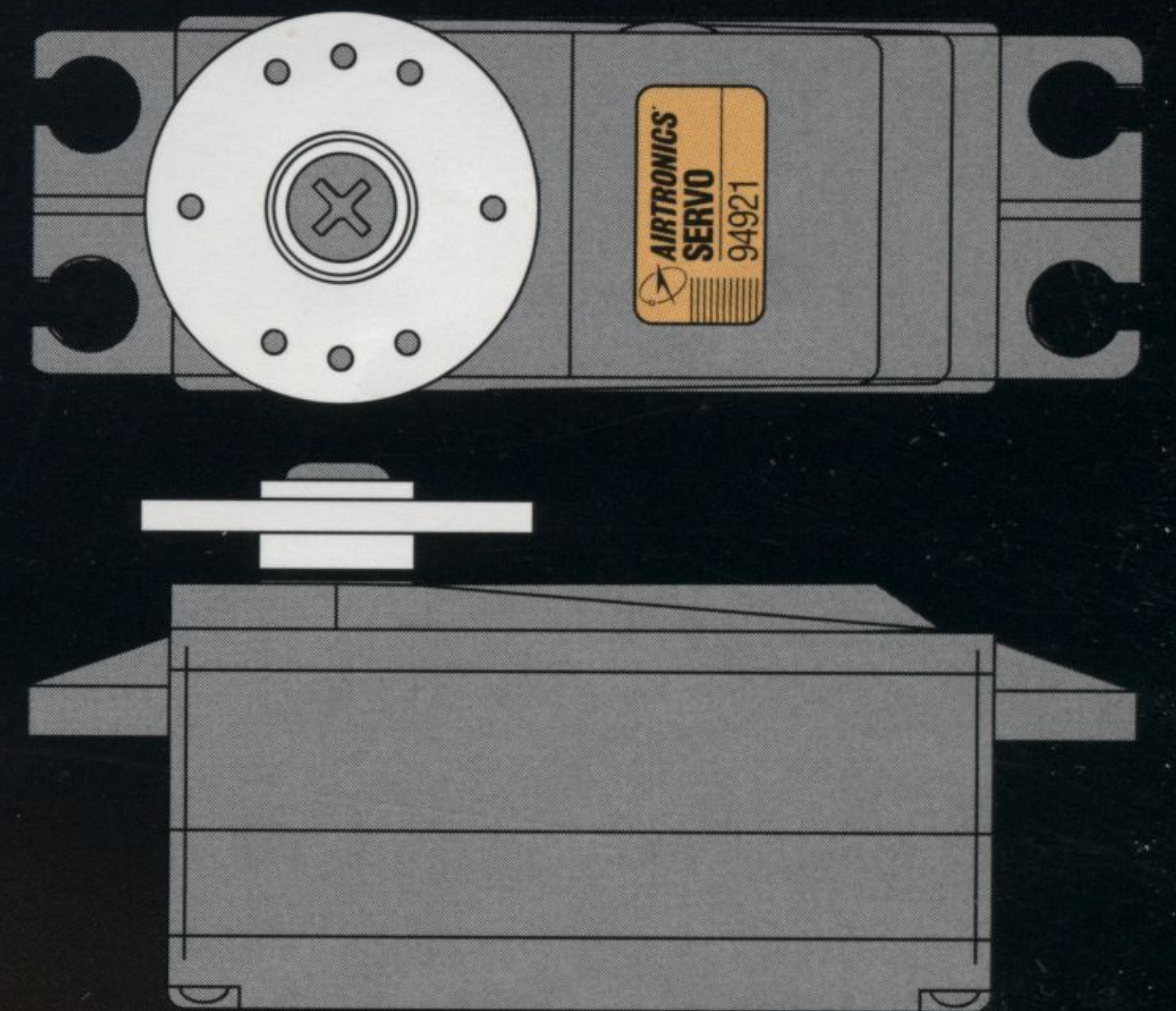
94743 CONTEST AP Standard Ball Bearing Servo

This contest quality, economically priced double ball bearing servo can be used for fixed wing aircraft requiring small size, high torque and excellent resolution. It features a standard motor and a rugged molded gear train.



94831 Mini Ball Bearing Servo

The 94831 is recommended for small models and sailplanes requiring a lightweight mini servo. It features a ball bearing, a molded gear train and uses all standard size output wheels and arms.



94921 Low Profile Ball Bearing Servo

Our Low Profile 94921 Double Ball Bearing Servo is ideal for mounting where space is limited in the wing of your model for Aileron Control. It has outstanding torque and an extremely fast transit time to give precise control in all types of pattern and 1/4 scale models.

94924 Low Profile Ball Bearing Retract Servo

This Low Profile Double Ball Bearing Servo is a switch type (non-proportional) servo that features very high torque at a nominal transit time for use with mechanical retracts. It will rotate 180° with the normal pulse width change of the landing gear channel.



94581 Sail Winch

(Not Shown Actual Size). The 94581 is a high torque, compact sail Winch servo. It features a rugged gear train, dual output arm approximately 5 1/2 inches long supported on a large 23 splined output shaft, that permits easy adjustment of jib and mainsail sheets.



For additional information on Airtronics Systems and Accessories please contact Airtronics directly.



GET THE ADVANTAGE

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