

Z Connector Servos

Accessories

Stylus

CX2P

Airtronics
Catalog ***2000***

VG600

RD6000

Receivers

M8

STYLUS / AIRCRAFT

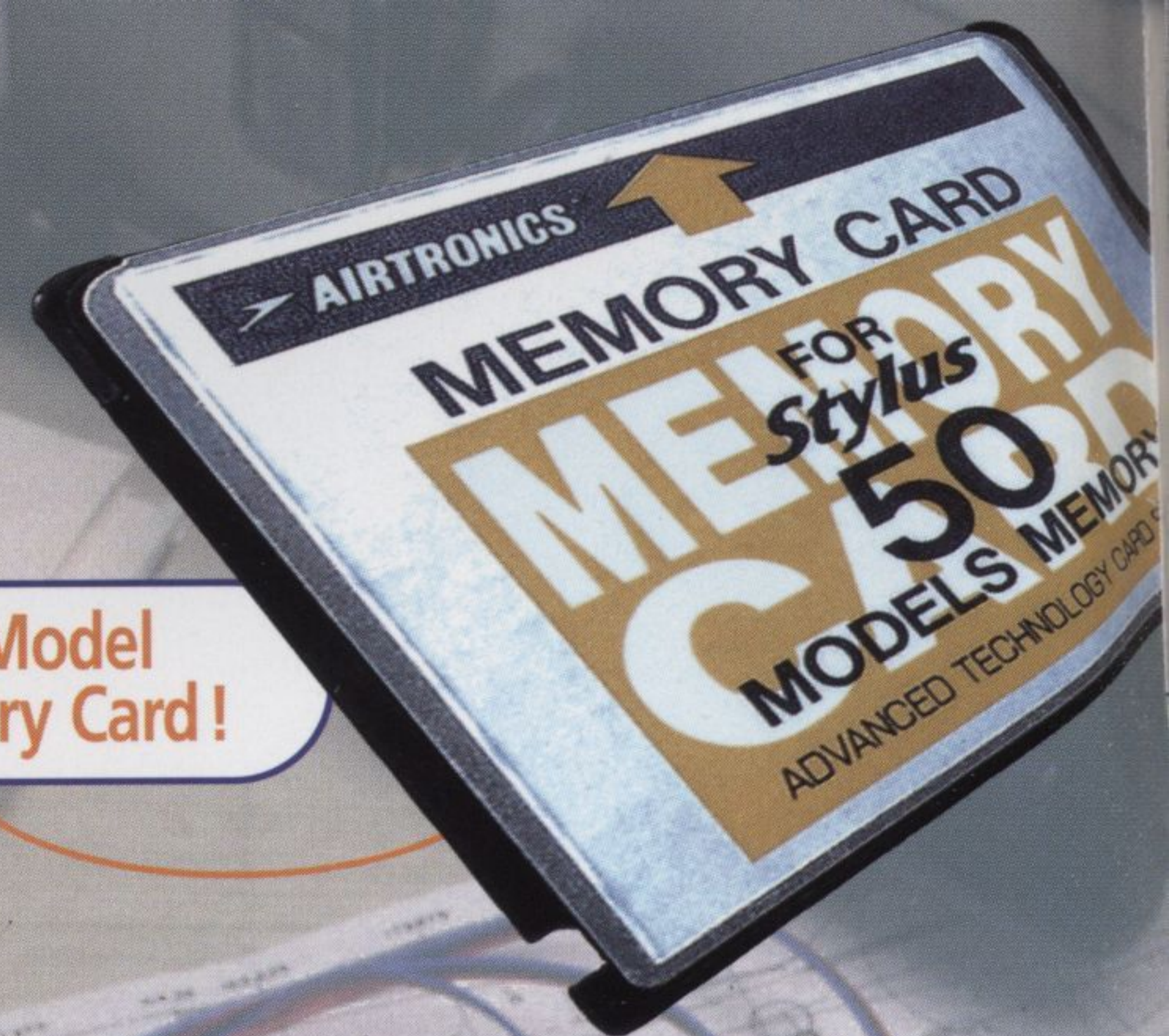
The multiple features of the Aircraft Stylus transmitter include 4 model memory, switch assignability, PCM/FM, PPM/FM, and PPM/FM inverted modulation select, alternate set-up, model naming, stopwatch / timer, servo end point adjustment, centering, servo reverse, dual rates, exponential, and 4 snap roll programs. User assignable mixes include 3 compensation mixers and 2 bi-directional mixers. Pre-defined mixers 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 model 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. For the advanced and professional aircraft flyer the 8 channel Stylus computer radio control system has no equal.

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.

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)

50 Model
Memory Card!



Available separately for your Stylus System, is a unique Memory Card that lets you store up to 50 additional model setups on a card smaller than a credit card. In seconds your Stylus can have the capabilities that no other radio system has. 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.

Quick Control
Trainer System!



The Stylus 'Trainer' System utilizes NO spring loaded trainer enable switch. Any 2 position switch 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.

STYLUS

Optimal Performance For The New Millennium

Now, the serious modeler has the capability to fully customize the system's programming to get the maximum out of fixed wing aircraft, sailplane, and helicopters. But what makes the Stylus really unique is the additional feature of plug-in feature cards that in a matter of seconds take you where no other radio system can. All this is delivered with a PCM time that is without a doubt, the fastest in the world.

For more information on the Stylus
go now to: www.airtronics.net



STYLUS / SAILPLANE

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.

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)

STYLUS / HELICOPTER

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 model 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)

Optional Stylus
Feature Cards
Also Available



RD6000

AIRCRAFT SETUP

Large, detailed LCD screen to display all your aircraft, helicopter, or sailplane setups.

Trainer Switch

Throttle High Alarm

Digital Trims, Rate Adjustable

Exponential

RD6000 6 Channel Aircraft Systems are configured as follows:

Part # 90310 FM / (4) 94102 Standard Servos with new "Z" Connectors. 72MHz.

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

Flap / Elevator Mix

Aileron Dual Rate

Compensation Mixers

Throttle Cut

Servo Centering

Retract Gear

Aileron-Rudder Mixer

Elevator Dual Rate

This system also includes the New Super Narrow Band Dual Conversion 92777 Micro Light weight (1oz.) Receiver.



The Best 3 In 1 Radio. By Far!

The Airtronics RD6000 6 ch. PPM/FM system is ideal for the advanced and beginner aircraft, helicopter, and sailplane 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 radio in this price range. The RD6000 offers the beginner some basic programming for quick and easy setup. A vast array of advanced features are available to the more experienced R/C modeler under the Options section of the RD6000 microprocessor program.

Look at the features above and compare.

You'll discover that the RD6000 has the most to offer.

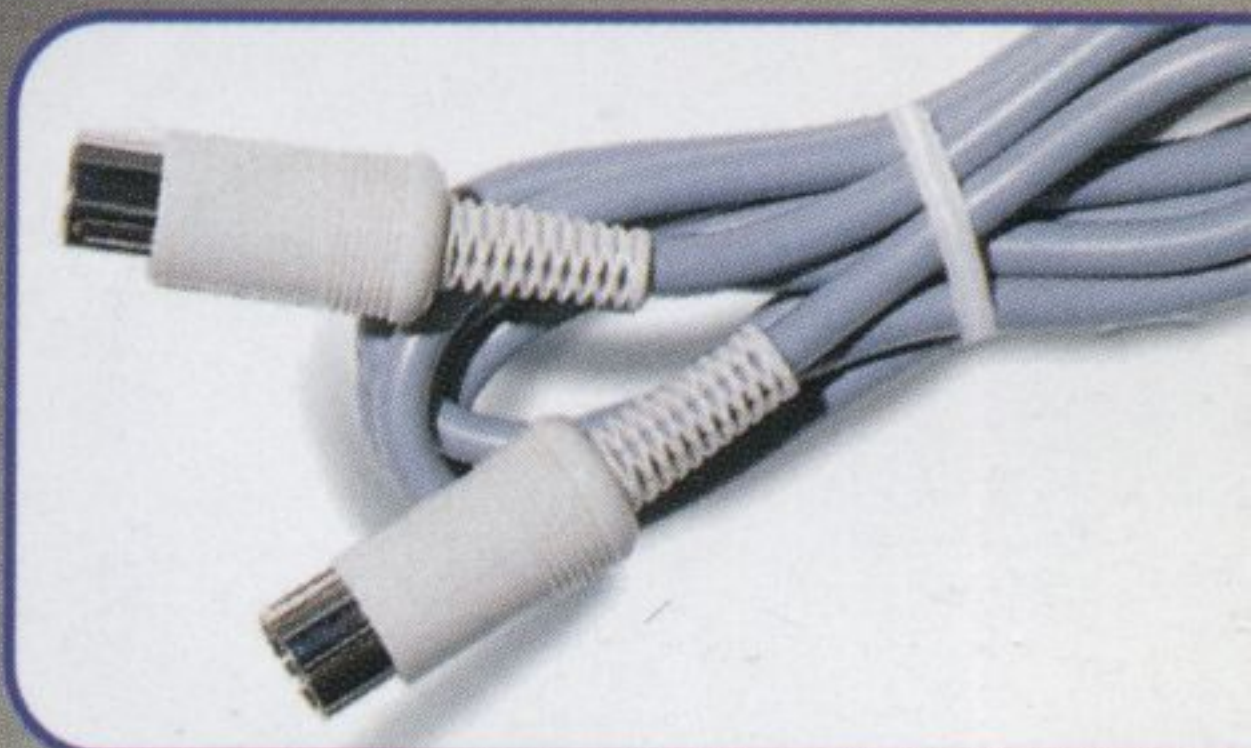
HELICOPTER SETUP

The RD6000 6 channel PPM/FM system is perfect for the professional helicopter pilot looking for an outstanding computerized radio control system.

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.

RD6000 6 Channel Helicopter Systems are configured as follows:

Part # 90317 FM / (5) 94322 Ball Bearing Servos with New "Z" Connectors. 1000 mAh NiCd batteries. 72MHz. (Other options available)



SAILPLANE SETUP

The beginner or expert sailplane flyer can use the basic features of the RD6000, and then add the options selected from the advanced menu section of the program for further advanced and competition flying setup.

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. Also, the 1 oz. Micro 7 Channel Receiver gives the sailplane flyer superior interference rejection at extreme ranges.

RD6000 6 Channel Sailplane Systems are configured as follows:

Part # 90310 FM / (4) 94102 Standard Servos with New "Z" Connector. 72MHz.

Part # 90315 FM / (2) 94141 Micro Servos with New "Z" Connector. 72MHz. (Other options available)



The RD 6000 Trainer System is compatible with the Vanguard, Radiant, VG 400, and VG 600 Airtronics radio control systems when using the appropriate trainer cable. 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.

 **AIRTRONICS**

VG4000

THE 4 CHANNEL SYSTEM THAT TAKES ALL!

The new VG400 is the first choice for the beginner, or for the advanced pilot looking for an extra 4 channel system that delivers the goods at an affordable price.

Thanks to a new gimbal design, stick tension is now done from the front of the transmitter making even the slightest adjustments easier than ever. In fact, having all transmitter adjustments assessable from the front also makes it much simpler to set your personal feel and preference. Another new feature included on the VG400 is the throttle high and low end point adjustment. This takes out all of the extra work when it comes to setting up your throttle linkage.

Other features include Servo reversing for all 4 channels, Stick length adjustment, Throttle EPA, Ratchet trims and a Trainer system that is compatible with Airtronics RD6000, VG 600, Radiant and all Vanguard FM systems.

Included with the VG400 FM System is the Airtronics Super Narrow Band Dual Conversion #92777 Micro light weight 7 channel receiver, Transmitter and receiver NiCd batteries, Dual charger and mounting hardware.



VG 400 FM 4 Channel Systems are configured as follows:

Part # 90400 FM / (4) 94102 Standard Servos with the new "Z" Connectors. 72 or 75 MHz

Part # 90401 FM / (3) 94102 Standard Servos with the new "Z" Connectors. 72 or 75 MHz

(Other servo combinations available)

Both VG systems include the New Super Narrow Band Dual Conversion Micro Light Weight (1oz.) Receiver.



VG 600

NEW FEATURES TO GIVE YOU THE EDGE!

If you're a beginner, sport, or advanced pilot you will love the features on the VG 600 FM system. And it's loaded with them: Front stick tension adjustment, Stick length adjustment, Servo reversing for all 6 channels, Throttle high and low end point adjustment, Elevator / Aileron / Rudder and Flap end point adjustment, 3 position Flap switch and a trainer system that is compatible with other Airtronics systems like the RD6000, Radiant, VG 400 and all Vanguard FM systems. By having the ability to adjust the control travel, the VG 600's EPA feature, makes those adjustments fast and easy.

Included with the VG 600 FM System is a Super Narrow Band Dual Conversion #92777 Micro light weight 7 channel receiver, Transmitter and receiver NiCd batteries, Dual charger and mounting hardware.



VG 600 FM 6 Channel Systems are configured as follows:
Part # 90600 FM / (4) 94102 Standard Servos with the new "Z" Connectors.
72 or 75 MHz
(Other servo combinations available)



GET THE ADVANTAGE

Need More Information On The VG Series?
Find Us On The Web: www.airtronics.net



Winning Has Never Been Sweeter.

M8

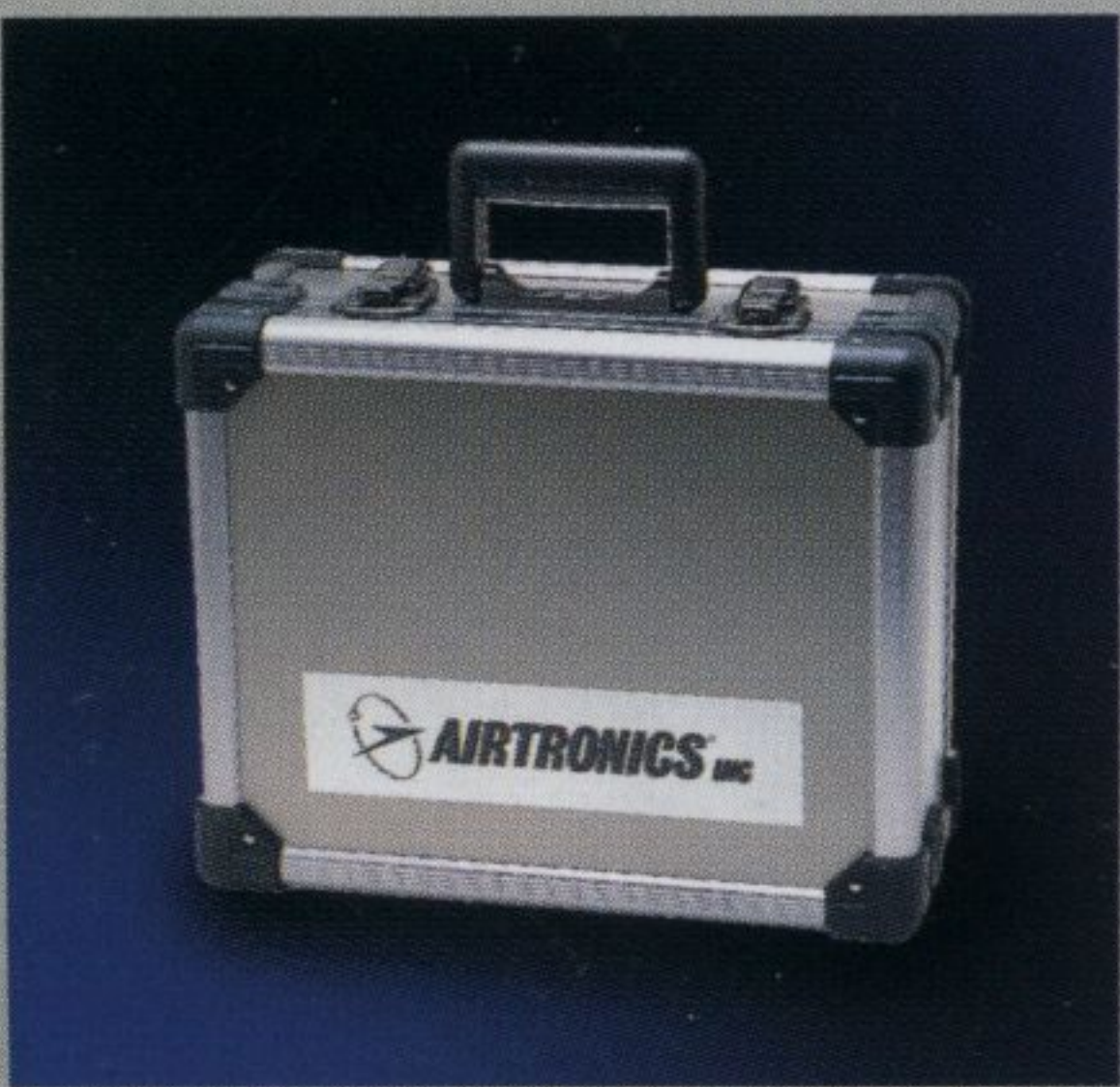
Airtronics makes the most popular pistol grips ever, and the M8 continues to rule, giving you 10 model memory and all the features you need to win. Including: trim rate adjustment, one touch digital trim, variable control response, servo reversing, steering dual rate, steering & throttle expo, adjustable 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 Airtronics M8 is the 8th in the series of the *best* Airtronics pistol grip R/C Systems ever made, and has again been voted number one in the 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)



Protect your investment with the Airtronics Deluxe Carrying Case. (Part # 96604, available separately).



The M8 gets you "Z" Connected with a choice of outstanding Servos



The Choice
Of
Champions

The 2 channel CX2P has many of the same intelligent features that have made Airtronics pistol grip systems the most popular.

The CX2P offers features such as adjustable rate control (ARC) which enables you to control over and under steering, throttle response can also be adjusted from linear (normal) to mild to fit various track and surface conditions. Along with end point adjustment (EPA) for steering and throttle, servo reversing, trim rate adjustment, steering variable dual rate, sensitive throttle response, and interchangeable driving position for left or right handed use.

CX2P

*CX2P 2 Channel Surface Systems are configured as follows:
Part #: 90221 FIM / (1)94102Z Standard Servo. 27 or 75MHz.
(1)96315 Contender Speed Controller
Part #: 90226 FIM / (2)94831Z Mini Servos. 27 or 75MHz.
(Other options available with New "Z" Connectors)*

Grip pads for the CX2P are available separately to add extra comfort. (Part # 96720)

Keep your Crystals organized with an Airtronics Carrying Case. (Part # 96730, available separately).

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

*XL2P 2 Channel Surface Systems are configured as follows:
Part #: 90060 AM / (2)94831Z Mini Servo. 27 or 75MHz.
Part #: 90111 AM / (1)94102Z Standard Servos. 27 or 75MHz.
(1)96315 Contender Speed Controller
(Other options available with New "Z" Connectors)*

The XL2P is easily set down when not in use, thanks to its tough, metal frame





RIVAL 2P & RIVAL SPORT

For recreation or competition, 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.

Both systems include a 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.

Rival and Rival Sport 2 Channel Surface Systems are configured as follows:
 Part #: 90136 AM / (1)94102 Z Standard Servo. 27 or 75MHz.
 (1)96315 Contender Speed Controller
 Part #: 90137 AM / (1)94102 Z Standard Servos.
 27 or 75MHz.

Avenger 2 Channel Surface Systems are configured as follows:

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

AVENGER 2X

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.

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, light weight mini-receiver, and complete operational hardware.

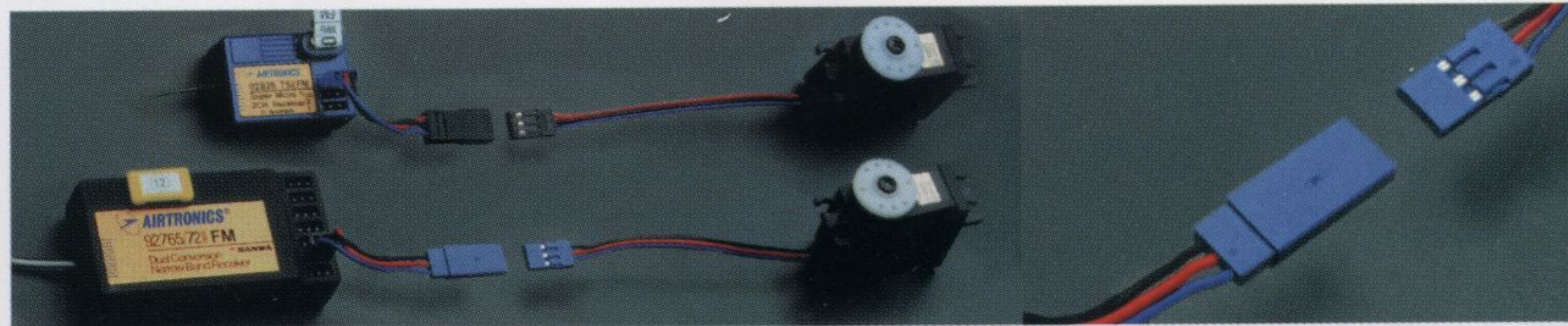
The Avenger AV2X comes with 2-94102 Z Standard Servos. Available on 27 and 75 MHz.



S E R V O S

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.



New Airtronics "Z" Connector Adapters enable you to :

- Connect your brand X receiver with Existing Airtronics Servos
- Connect your New "Z" Connector Servos with existing Airtronics Receivers
- Connect your New "Z" Connector Receivers with existing Airtronics Servos

AIRTRONICS SERVO 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: 0.85" 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: 1.48"	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: 1.48"	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: 1.42"	4.8	50 in./oz.	0.2 secs. for 60° Rotation	Standard 3 Pole	
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	Microlite / Aluminum Gears	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	

* Water Resistant



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.

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, water-proof 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.



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.

94501 Microlite Servo

The 94501 is a light-weight 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.



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, nylon 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 light-weight 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

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.



RECEIVERS

Airtronics receivers have established an outstanding reputation through years of competition and extensive field testing. Their innovative design, advanced electronics and high quality construction provide proven reliability and superior performance and noise rejection capability.

In certified independent tests, Airtronics Gold Label Super Narrow Band Dual Conversion FM and PCM Aircraft Receivers have met and actually exceeded all AMA and FCC specifications and guidelines for R/C operation.

*Note: All Receivers include Crystals.
Please specify frequency when ordering.*

SURFACE RECEIVERS



3 Channel Micro FM
92237 (27 MHz) 92236 (75 MHz)
Dimensions L: 1.8" W: 1.125" H: 0.75"
Weight 1 oz. (28g)
Sensitivity 3.0 Microvolts
Features Plug-in Crystal

2 Channel Mini B.E.C. AM
92721 (27 MHz)
92721 Z (27 MHz)
92723 Z (75 MHz)
Dimensions L: 1.88" W: 1.20" H: 0.76"
Weight 0.75 oz. (21g)
Sensitivity 3.0 Microvolts
Features Plug-in Crystal



7 Channel Dual Conversion Super Micro Narrowband FM
92875 (75 MHz)
Dimensions L: 2.25" W: 0.6" H: 0.82"
Weight 1.2oz. (39.6g)
Sensitivity 1.5 Microvolts
Features Plug-in Crystal

2 Channel Super Micro Narrowband FM
92826 (75 MHz) 92827 (27 MHz)
Dimensions L: 1.42" W: 0.99" H: 0.63"
Weight 0.61oz. (17g)
Sensitivity 3.0 Microvolts
Features Plug-in Crystal



3 Channel Super Micro Narrowband FM
92836 (75 MHz) 92837 (27 MHz)
Dimensions L: 1.66" W: 1.07" H: 0.57"
Weight 0.66 oz. (19g)
Sensitivity 3.0 Microvolts
Features Plug-in Crystal

AIRCRAFT RECEIVERS

7 Channel Dual Conversion Micro Narrow Band FM
92777 (72 MHz)

Dimensions L: 2.25" W: 0.6" H: 0.82"
Weight 1.2oz. (39.6g)
Sensitivity 1.5 Microvolts
Features Dual Conversion, Ceramic & Crystal Filter, Plug-in Crystal



8 Channel Dual Conversion Super Narrow Band FM
92785 (72 MHz)

Dimensions L: 2.4" W: 1.5" H: 0.8"
Weight 1.4 oz. (38g)
Sensitivity 1.5 Microvolts
Features Dual Conversion, Ceramic & Crystal Filter, Plug-in Crystal



8 Channel Dual Conversion Super Narrow Band FM & PCM
92185 (72 MHz) PCM
92085 (72 MHz) FM

Dimensions L: 2.4" W: 1.5" H: 0.8"
Weight 1.4 oz. (38g)
Sensitivity 1.5 Microvolts
Features Dual Conversion, Ceramic & Crystal Filter, Plug-in Crystal

6 Channel Dual Conversion Quick Response FM & PCM
92065 (72 MHz)

Dimensions L: 2.4" W: 1.5" H: 0.8"
Weight 1.4 oz. (38g)
Sensitivity 1.5 Microvolts
Features Dual Conversion, Ceramic & Crystal Filter, Plug-in Crystal



GYROS & SPEED CONTROLLERS

Airtronics Gyroscope systems contain a special sensitivity circuit designed to automatically sense movement and feed the proper command to the appropriate servo for stable flight operation in either a rotary or fixed wing aircraft.

Our Speed Controllers allow you to proportionally control the speed of an electric motor in your R/C car, boat or plane, without the use of an extra servo. Our solid state speed controllers feature MOS FET transistors and include Proportional Electronic Throttle Control and Battery Voltage Regulation.

SG-1 Ball Bearing Gyro System

Part # 96252
 Dimensions
 Gyroscope - 1.69" x 1.48" x 1.48"
 Mixer Amp - 2.44" x 1.36" x 0.63"
 Control Box - 0.95" x 1.34" x 0.71"

Weight
 Gyroscope - 2.54 oz.
 Mixer Amp - 1.09 oz.
 Control Box - 0.72 oz.

Voltage Input 4.8 - 6 Volt NiCd

Features
 Double Ball Bearing, Long Life Motor with Ball Bearing, In-flight On/Off, Dual Gain Adjustments, Neutral Adjust, Servo Reversing



SG-XM Gyro System

For Electric Helicopters or .10 size glow
 (Includes 94408 Servo)

Part # 96254
 Dimensions Gyroscope - 1.69" x 1.48" x 1.48"
 Control Box - 1.5" x 0.91" x 0.59"

Weight Gyroscope with Control Box - 3 oz.

Voltage Input 4.8 - 6 Volt NiCd

Features Servo Reversing, Neutral Adjustment, Gain Adjustment
 SG-XM Gyros Include an Exclusive Tail Rotor Servo.
 Other Servos cannot be used



SG-BB Gyro System

(Includes 94323 Servo)

Part # 96255
 Dimensions
 Gyroscope - 1.69" x 1.48" x 1.48"
 Control Box - 1.5" x 0.91" x 0.59"

Weight
 Gyroscope with Control Box - 3 oz.

Voltage Input 4.8 - 6 Volt NiCd

Features Integrated Gyro/Rudder servo system, Compact size allows easy mounting, Ball Bearing equipped Gyro gimbal, Gyro output reverse switch, SG-BB Gyros Include an Exclusive Tail Rotor Ball Bearing Servo. Other Servos cannot be used



SG-11 Pro Piezo Gyro System

Part # 96259
 Dimensions
 Sensor Unit - 1.28" x 1.28" x 1.28"
 Mixer Unit - 2.02" x 1.48" x 0.63"
 Weight
 Sensor Unit - 1.36 oz.
 Mixer Unit - 1.00 oz.
 Voltage Input 4.8v - 6 Volt NiCd
 Features High performance Piezo Electric Left and Right End Point Adjustments, No Drifting due to temperature change, Superior Holding Power



Contender Speed Controller With Reverse

Part # 96315
 Dimensions: L: 1.8" x W: 1.6" x H: 1.02"
 Weight 1.94 oz.
 Power Supply 7.2 (6 cell) to 8.4 Volt (7 cell) NiCd pack
 Surge Current 480 Amps (Forward)
 240 Amps (Reverse)*
 Continuous Current 120 Amps (Forward)
 60 Amps (Reverse)*
 On Resistance 0.0075 ohms x 2
 Adjustment Type Neutral Point, High Point

Features Incorporates Heat Sinks, High Power MOS FETS, Heat Protection, Electronic Brake, Servo Mounting Form, High Performance Regulator, Compact On/Off Switch
 *FET ratings only for comparison, do not exceed 30 Amps (forward) or 10 Amps (reverse)



MA-5 Speed Controller

Dimensions L: 1.52" x W: 1.3" x H: 0.69"
 Weight 1.77 oz.
 Power Supply 7.2 to 12 Volt NiCd Pack
 Surge Current (FET) 900 Amps*
 Continuous Current 220 Amps*
 On Resistance 0.003 ohms
 Adjustment Type Neutral Point

Features High Performance MOS FET, Arming Switch, Heat Protection, Fuse Protection, High Performance Voltage Regulator.
 *FET ratings only for comparison. Do not exceed 40 Amps continuous current



MA-6 Speed Controller For Electric Aircraft

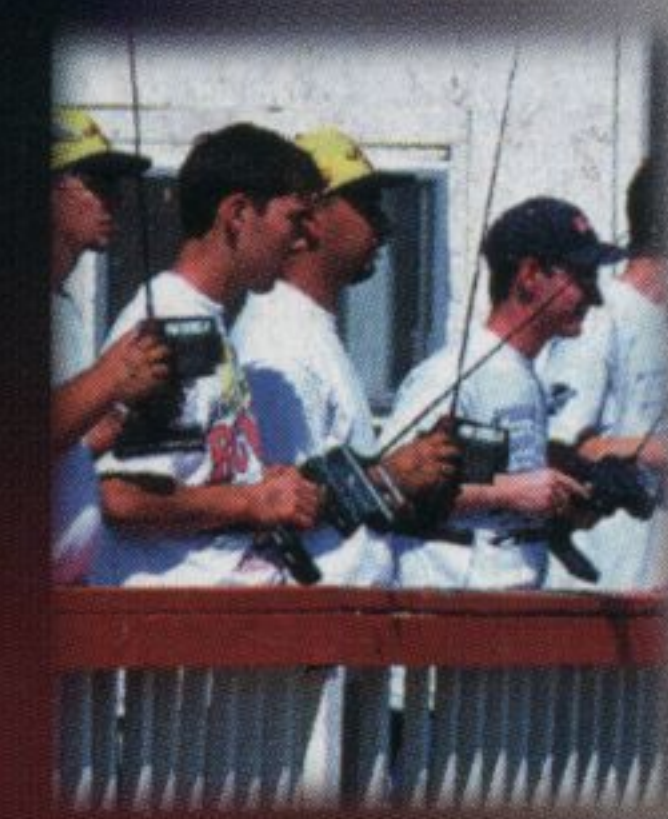
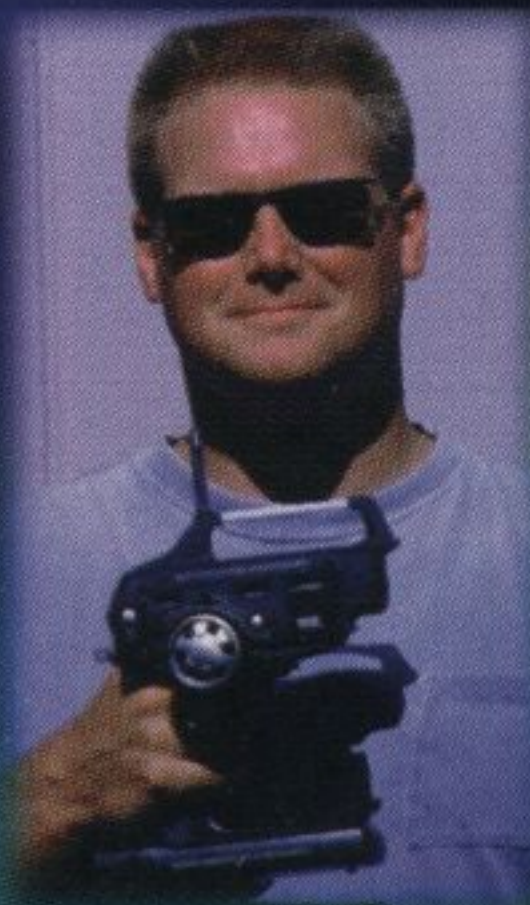
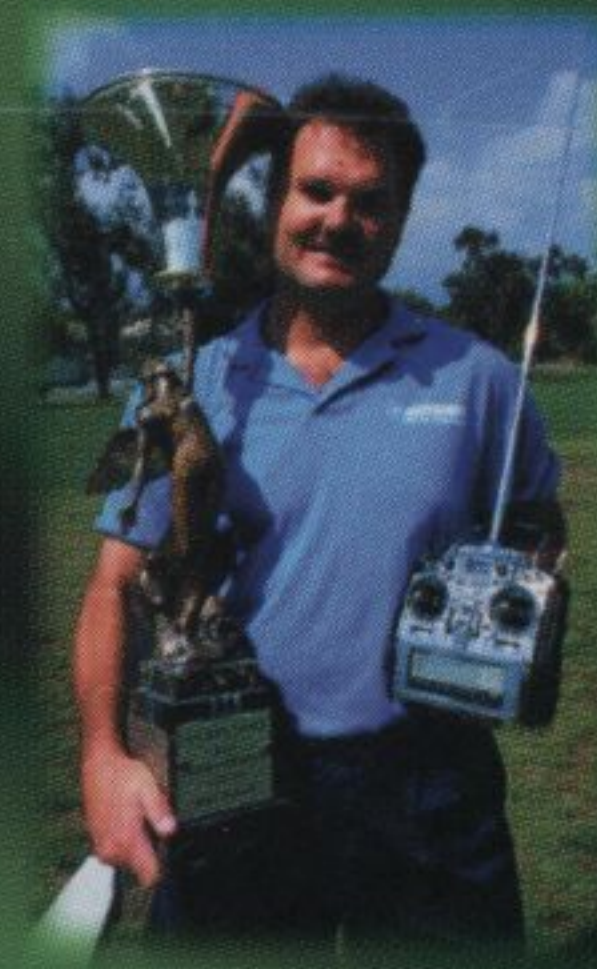
Dimensions L: 1.52" x W: 1.3" x H: 0.69"
 Weight 1.7 oz.
 Power Supply 7.2 to 12 Volt NiCd Pack
 Surge Current (FET) 900 Amps*
 Continuous Current 220 Amps*
 On Resistance 0.003 ohms
 Adjustment Type Neutral Point

Features Switch Controlled Brake, High Performance MOS FET, Arming Switch, Heat Protection, High Performance Low Power Cutoff.
 *FET ratings only for comparison. Do not exceed 40 Amps continuous current

Attention Car Racers! ALB Booster Part # 96900

A winning advantage for any competitor! If you need the best Anti-Lock braking device for your gas powered vehicles, Airtronics has it. The ALB Booster plugs in between your throttle servo and receiver to provide adjustments for servo speed, lag, stroke, and point.
 Great for 1/8th and 1/10th scale nitro racers!





At Airtronics, we offer the finest quality and most complete line of R/C systems and accessories available. Our devotion to innovative design through interaction with R/C enthusiasts and top engineers will continue to give us the edge as we enter the 21st century.

Our customer service team is not only "technically astute" they are attentive to your individual needs. From management to our service technicians we are personally involved in R/C modeling. In fact, more champions depend on Airtronics than any other R/C manufacturer.

It has never been a better time to use Airtronics equipment. Once you put an Airtronics Radio in your hands you won't want to let go.



GET THE ADVANTAGE

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