

**AIRTRONICS**  
Get The Advantage

**2005**  
CALENDAR / CATALOG



# Stylus

## WORLD CHAMPION 8 CHANNEL COMPUTER SYSTEM

The Stylus has an enviable record and holds its own when it comes to hard-hitting competition. Whether it is IMAC, Pattern, Scale, Sailplane, or Helicopter, you name it, the Stylus has provided pilots with the trust and dependability needed in a high-end competition computer radio system. Programming of the Stylus is easy using the intuitive menus that are provided. It is easy to access each of the Stylus's features, and to customize the software as desired for your specific model and flying style. For instance, you want to have a relatively simple setup in a model with one aileron and one elevator servo. The alternative could be a more complex setup with six wing servos and two servos for V-tail in a high-end competition sailplane using the Sailplane Feature Card. Now that is what you call flexibility! The basic Stylus transmitter comes packed with standard features for aero, sailplane and helicopter that you would expect in a high-end R/C system. However, if that is not enough, you can then take it up a notch and install one of the Stylus Feature Cards. They not only add additional features, they also enhance the other standard features that are present in the basic Stylus transmitter.

### Stylus Standard System Features

End Point Adjustment, Servo Centering, Servo Reversing, Dual Rates, Alternate Setup, Trim Memory, Switch Assignability, Voltage Display, Stopwatch / Timer, Mode I/II Selection, Modulation PPM/FM PPM/PCM PPM/FM Invert, 4 Model Memory, Model Naming, Model Reset, Model Copy, Feature Card Access, Plug-in Module, Display Switch, Direct Servo Controller, Fail Safe (PCM Mode), Battery Fail Safe, Low Voltage Alarm, Switch Position Alarm, Contrast Adjustment, Exponential

### Stylus Standard System Features For Power Aircraft

Expanded Exponential, 4 Snap Roll Programs, 2 Bi-Directional Mixing, 3 Compensation Mixing, Elevator/Flap Mixing, Flap/Elevator Mixing, Spoileron Mixing, Aileron Differential, Spoiler/Elevator Mixing, Cross Trims, Twin Throttle Option, 2 Aileron/Rudder Mixers

### Stylus Standard System Features For Sailplane

Flight Mode Switch, 3 Elevator Presets, Aileron Differential, Landing Differential, 3 Aileron/Rudder Mixing, Flap/Elevator Mixing, Camber/Elevator Mixing, Spoiler/Elevator Mixing, Elevator/Camber Mixing, Crow Mixing, V-Tail Mixing, Gear/Elevator Mixing, 2 Aileron Servo Capability

### Stylus Standard System Features For Helicopter

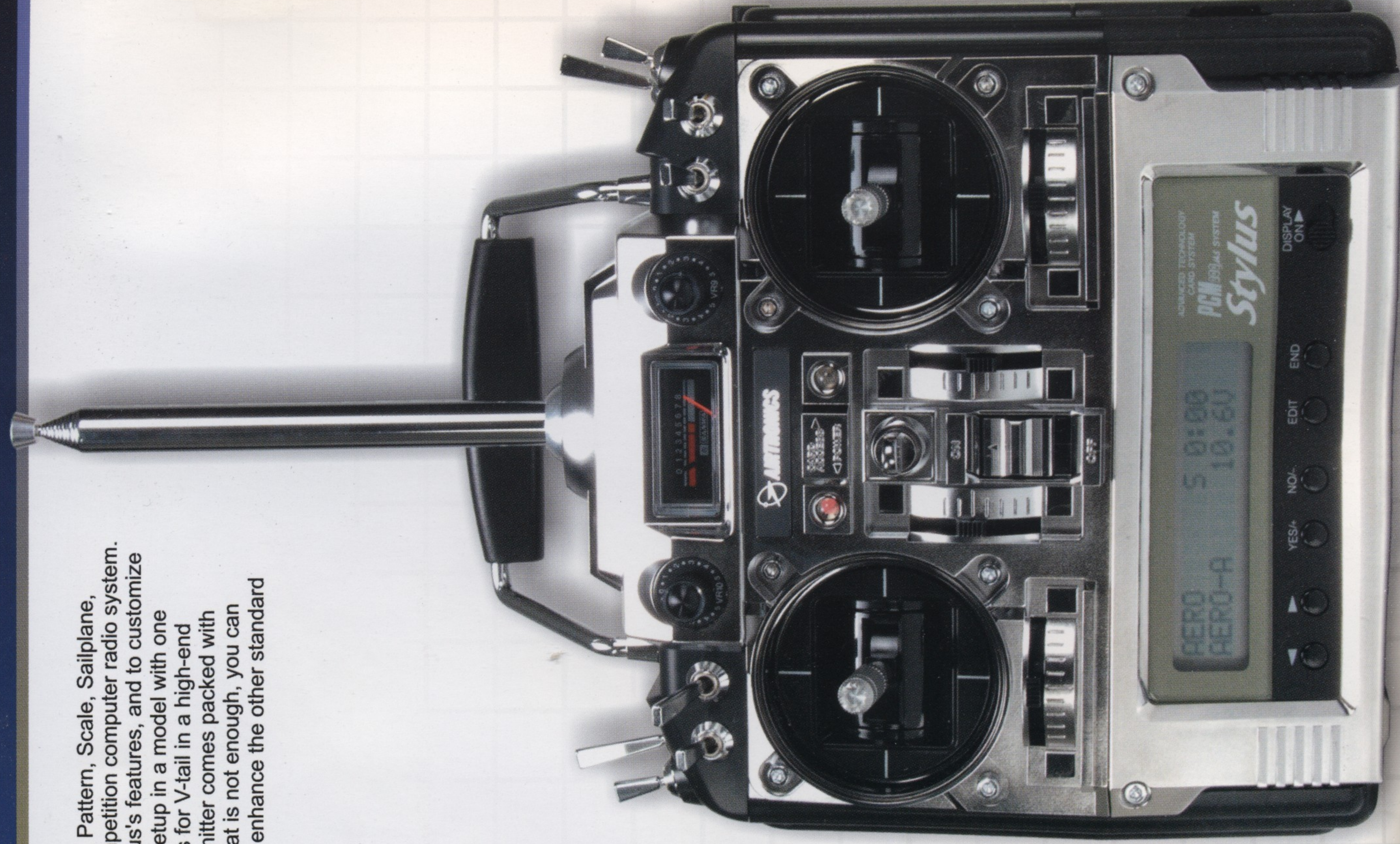
Exponential Response, 4 Flight Modes, 4 Pitch Curves ( 5 Point ), 3 Throttle Curves ( 5 Point ), Flight Mode Trim Offsets, 4 Revolution Mixers, Throttle Hold, Hovering Throttle Trim, Hovering Pitch Trim, High Pitch Trim, Low Pitch Trim  
1 Compensation Mixer

### Advanced Feature Cards

Adding a Stylus Feature card will not only enhance standard features but it allows you much more flexibility for the way you want an aircraft to fly.



96811 Aircraft  
96813 Helicopter  
96803 Sailplane  
96800 Model Memory





92186Z

Dual Conversion 8 Ch PCM Receiver



95051

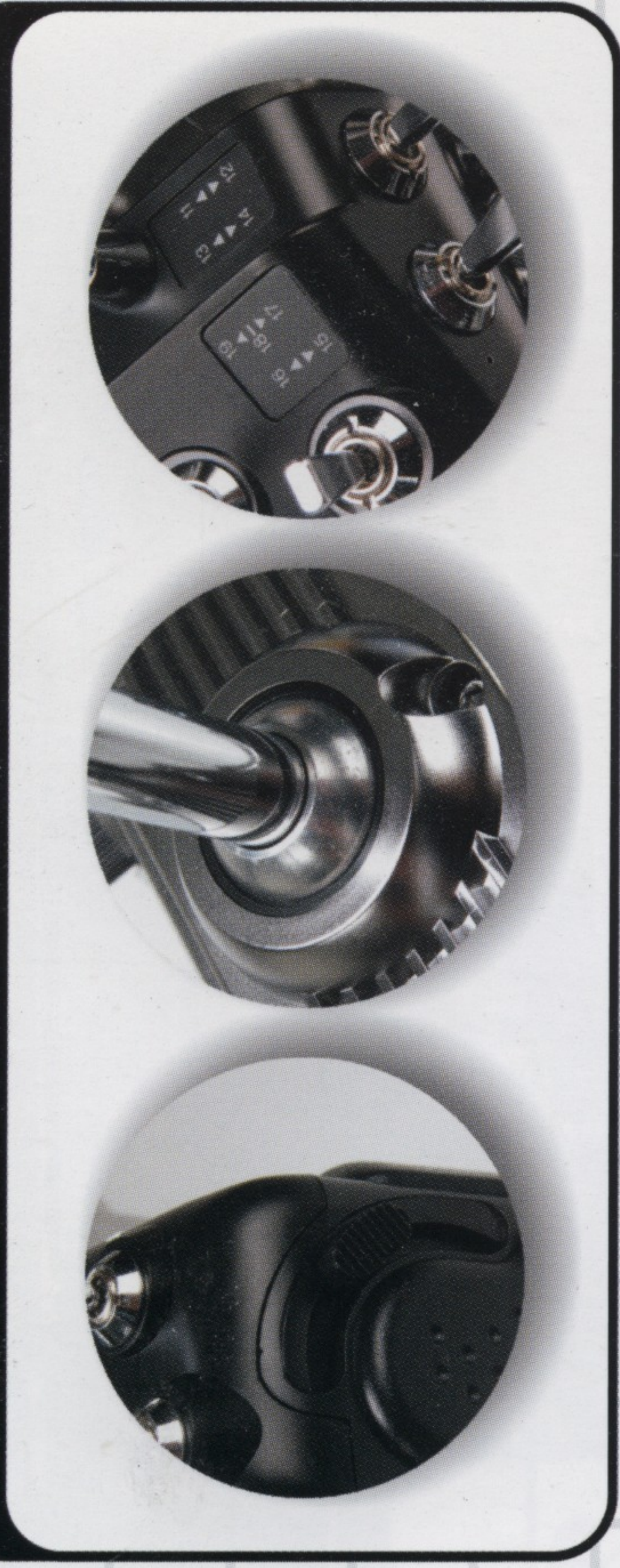
Optional 1100 mAh Transmitter NiCd Pack



2 Slide Levers

Antenna Base Pivot

Assignable Switches



## Daryl Perkins

2004 AMA Nationals

- 1st F3B Thermal
- 1st 2-Meter Sailplane
- 2nd Unlimited Sailplane



## Stylus Systems

- |           |  |
|-----------|--|
| 90180FM72 | Aircraft (4) 94322Z Standard B.B. Servos, (1) 92085Z RX, Transmitter and Receiver NiCd Batteries, Charger      |
| 90181FM72 | Aircraft (4) 94731Z Contest Servos, (1) 92085Z RX, Transmitter and Receiver NiCd Batteries, Charger            |
| 90186FM72 | Heli / Air (4) 94751Z Digital Servos, (1) 92778Z RX, Transmitter and 1100 mAh Receiver NiCd Batteries, Charger |
| 90187FM72 | Sailplane (2) 94141Z Micro Servos, (1) 92085Z RX, Transmitter and (SQ) 700mAh Receiver NiCd Batteries, Charger |
| 90188FM72 | Sailplane (4) 94141Z Micro Servos, (1) 92085Z RX, Transmitter and (SQ) 700mAh Receiver NiCd Batteries, Charger |
| 90183FM72 | Transmitter and Receiver, Module, TX NiCd Batteries, Charger   |
| 90180TX72 | Transmitter and Module, TX NiCd Battery, Charger   |

**NEW**

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
04	05	06	07	08	09	10
11	12	13	14	15	16	17
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25	26	27	28	29	30	31



# RD 8000

## ADVANCED MICROCOMPUTER 8 CHANNEL SYSTEM

Now is the time to look at the RD8000 if you want a computer radio system that has more features and capabilities than a 6-channel radio but is not as complex as other 8 or 9 channel units.

The RD8000 transmitter includes both BASIC and ADVANCED programming features. The Basic programming features of the RD8000 are designed for R/C pilots just starting with a computer radio, and not needing all of the Advanced features. When you become more experienced you can turn Basic off and utilize the features present in the Advanced menus for more complex programming. If you own or have ever programmed our popular RD6000 computer radio systems, you already know how to program the RD8000. The programming menus of the RD8000 are based on those used in the RD6000. We added 10 Model Memory, more features and 2 more channels when we developed the RD8000. The RD8000 is also available on 75MHz for surface and robot use.

If your new model requires separate elevator channel servos, it's no longer necessary to use a "Y" harness or any after market item. The RD8000 permits you to operate each elevator half on independent channels with separate (EPA) End Point Adjustment and Servo Centering adjustments. It makes setting up dual elevators a snap. This is a much desired feature when it comes to powered models such as Pattern, IMAC, or Scale and is a good safety feature as well.

The RD8000 comes with our 92778Z FM Dual Conversion 8 Channel receiver that is small in size but is big in its capability to reject interference. It will fit almost anywhere you can imagine. The 92778Z is close to the same size and weight as our 92777Z FM Dual Conversion 7 Channel slim-line receiver; however, the servo connection ports are located at the end of the receiver. This allows you to place the new 92778Z in small tight areas since the servo leads exit at the end of the receiver.

Not only can the RD8000 operate many other manufacturers FM receivers, it can operate our 92186Z 1024 PCM receiver as well. Now you can take full advantage of PCM technology.

**92186Z PCM 8 Channel RX**  
*Fastest data transfer PCM receiver on the market*

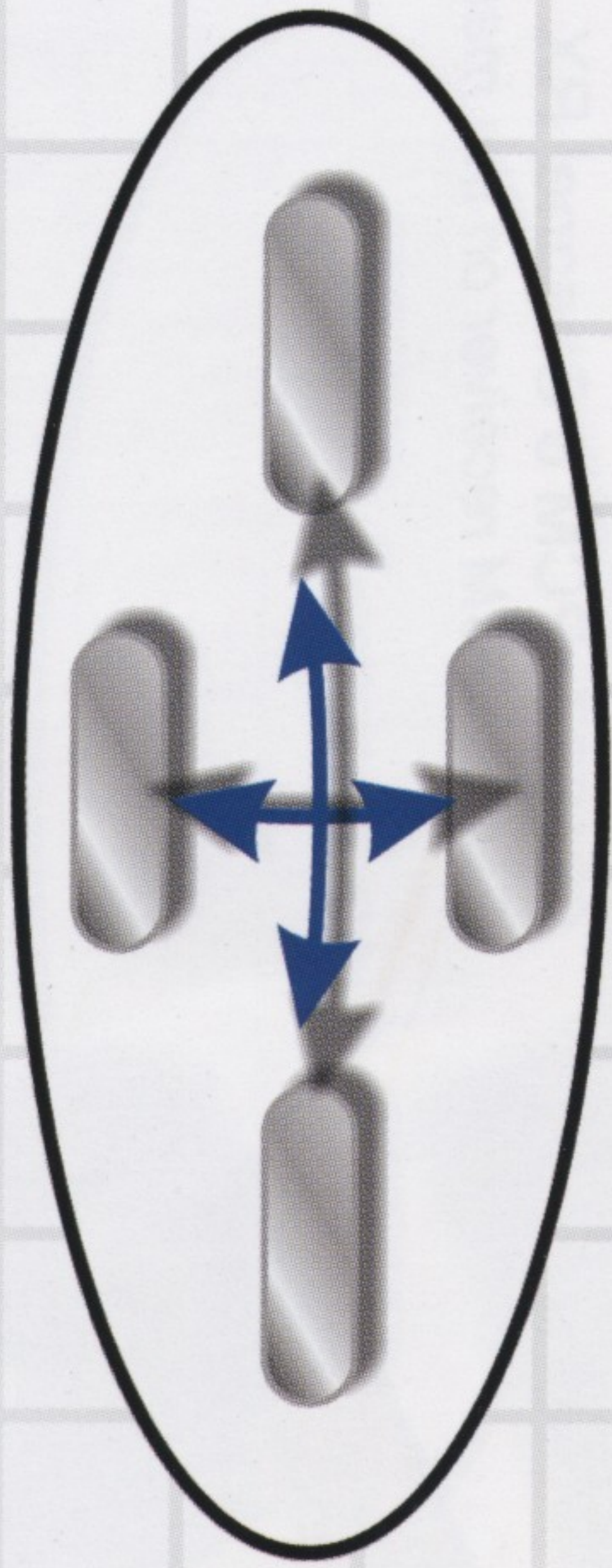
**92778Z FM 72 MHz 8 Ch Receiver**  
**92885Z FM 75 MHz 8 Ch Receiver**

**72 and 75 MHz**



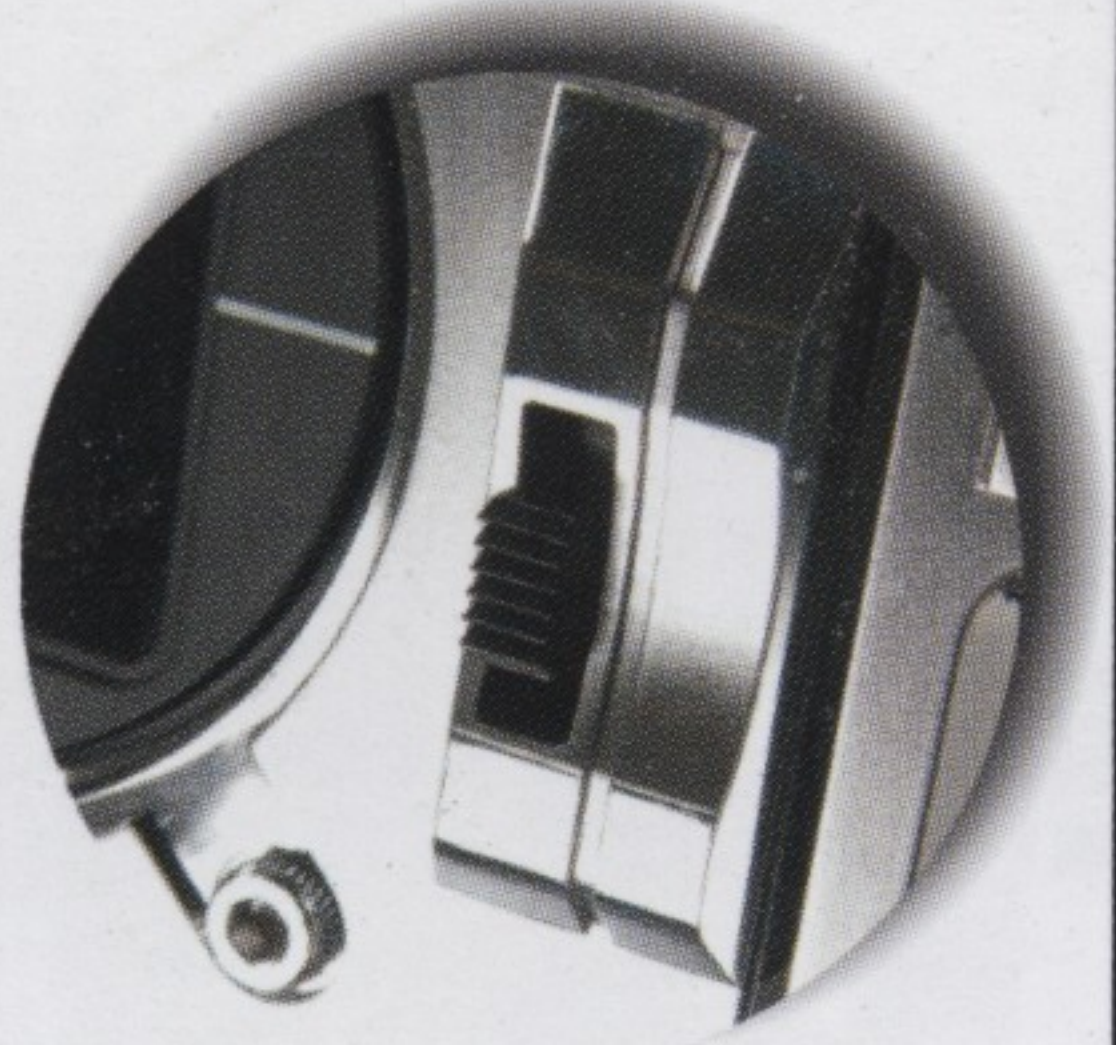


Setting up a model has never been this easy using the 4 navigation buttons. Listed below are the programming menus for basic aircraft. Just by pressing the function buttons up, down, left or right, you get to know the RD8000 fast and easy.



EL	AL	TH	RU	G	P-F	7	8	etc
STW	STW	STW	STW	STW	STW	STW	STW	M.SL
REV	REV	REV	REV	REV	REV	REV	REV	TYP
D/R	D/R	CNT	CNT	CNT	CNT	CNT	CNT	RST
CNT	CNT	EPA	EPA	EPA	EPA	EPA	EPA	BASIC
EPA	EPA	EPA	EPA	EPA	EPA	EPA	EPA	

Anodized Blue Stick Ends      Digital Trims      4 Button Navigation



### FLIGHT Pack

Take full advantage of your RD8000 10 model memory with an Airtronics Flight Pack.



Lee Rice



Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
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08	09	10	11	12	13	14
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29	30					



# RD6000

## ADVANCED MICROCOMPUTER 6 CHANNEL SYSTEM

The RD6000 Super 6 channel PPM/FM or PCM system is ideal for the beginner, intermediate sport or competition flyer looking for the very best in a computerized radio system. Large (LCD) Liquid Crystal Display screen, sets the standard for which all other R/C systems will be judged. The RD6000 Super contains airplane, helicopter and sailplane menus, which are user selectable. All model types have both Basic and Advanced features available. Therefore, it is very easy for the beginner to start out using the Basic menu and later on as he becomes more proficient, he can turn the Basic menu off and start using the Advanced features. Not only can the RD6000 Super operate many other manufacturers FM receivers, it can operate our 92186Z 1024 PCM receiver as well. Now you can take full advantage of PCM technology.

Some of the features of the RD6000 Super include 8 Model Memory, 3 Position Flap Switch, Digital Trims, Sanyo Transmitter and Receiver Batteries, LCD Display, Throttle Cut Switch, Trainer System, Basic and Advanced Programming, Helicopter, Aircraft, and Sailplane Software, PPM/FM / PPM/FM-Invert / PCM1 / PCM2 Modulation, Hover Pitch and Throttle Adjusters, 4 helicopter Flight Modes, Slim Line Micro Dual Conversion 92777Z 7 Channel FM Receiver or 92186Z PCM Receiver, 600 mAh Transmitter and Receiver NiCd Batteries, Dual TX and RX Charger, Switch Harness, Aileron Extension, Servo Mounting Hardware and is available with many different servo combinations.

**72 and 75 MHz**

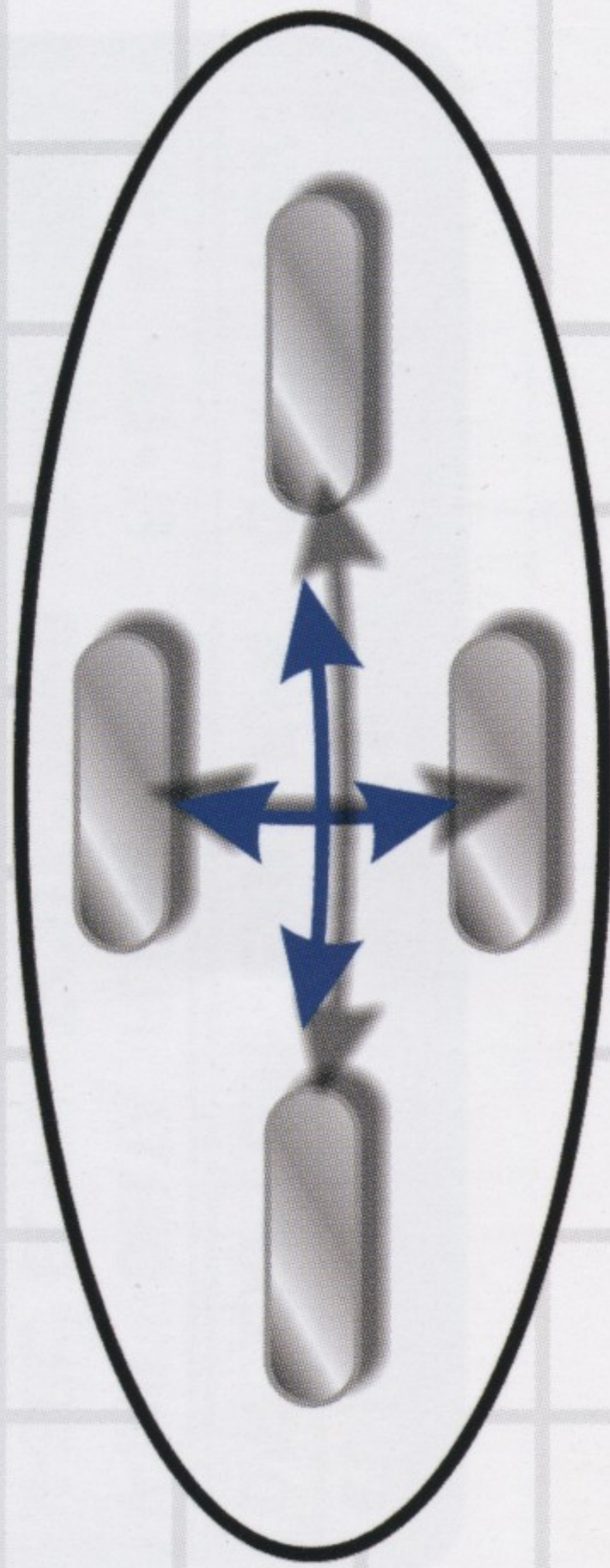


92186Z PCM 8 Channel RX  
Fastest PCM receiver on the market

92777Z FM 72 MHz D/C 7 Channel Receiver  
92875Z FM 75 MHz D/C 7 Channel Receiver

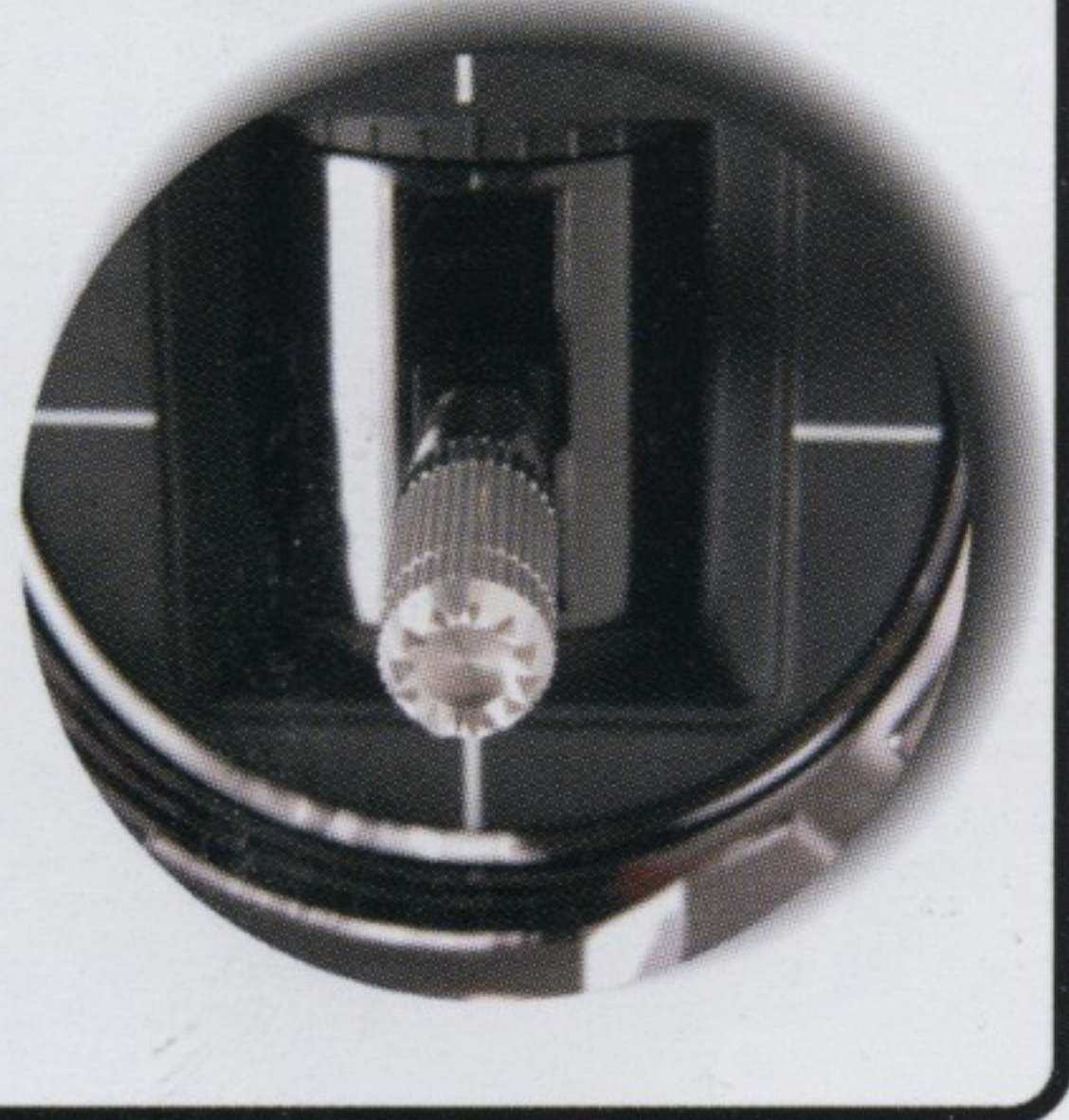


Setting up a model has never been this easy using the 4 navigation buttons. Listed below are the programming menus for basic aircraft. Just by pressing the function buttons up, down, left or right, you get to know the RD6000 fast and easy.



EL	AL	TH	RU	G	P-F	etc
STW	STW	STW	STW	STW	STW	M.SL
REV	REV	REV	REV	REV	REV	TYP
D/R	D/R					RST
CNT	CNT	CNT	CNT			CNT BASIC
EPA	EPA	EPA	EPA	EPA	EPA	EPA

Smooth Gimbals      3 Slide Switches      Hover Pitch and Throttle



Extend your flying time by installing an optional Sanyo 1100 mAh NiCd battery.



95052

Vic Sebring



Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
06	07	08	09	10	11	12
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27	28	29	30	31		
		01	02	03	04	05



# VG 6000

## TRUE DIGITAL PERFORMANCE

The Airtronics VG6000 6 channel FM system is by far the easiest computer radio to program. Everything you need is on one screen. The VG6000 has all the features needed to fly many different model types from big 60 size aircraft to small park fliers. With no programming menus and 4 model memory, changing from one model to another is done in seconds. Find out how much easier and slower you can land using the flaperon feature.

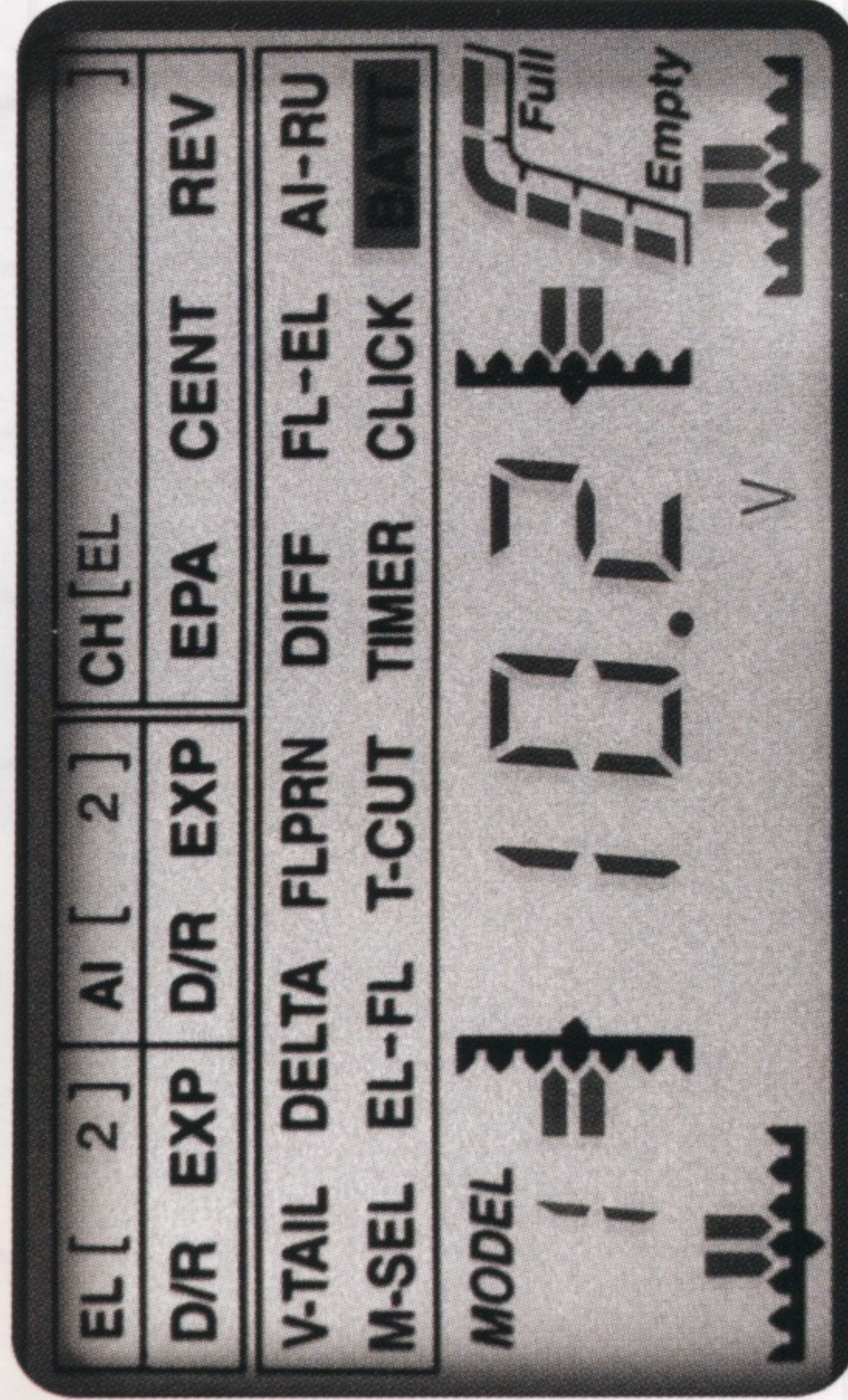
Having Digital Trims on the VG6000 makes changing from one model to another fast and easy. No more having to remember analog trim settings when changing between models because the VG6000 trims are automatically saved every time you simply turn the radio off.

The VG6000 system comes with our 92777Z Slimline FM receiver, 700 mAh transmitter and receiver NiCd batteries, Dual Charger, Aileron extension, Servo trays, necessary mounting hardware and is available with different servo combinations.

92777Z FM 72 MHz D/C 7 Channel Receiver  
 92875Z FM 75 MHz D/C 7 Channel Receiver



**72 and 75 MHz**





**Transmitter Features:**

- Dual Rate Aileron and Elevator Switches
- Trainer Switch
- Throttle Cut Switch
- 2 Position Gear Switch
- 3 Position Flap Switch
- Large LCD Screen
- Digital Trims
- Carrying Handle
- 700 mAh NiCd Battery
- LCD Battery Fuel Gauge
- Adjustable Stick Tension

**Programming Features:**

- Dual rate Ailerons and Elevator switches
- Aileron and Elevator Exponential
- Servo End Point Adjustment
- Servo Centering
- Servo Reversing
- V-Tail Mixing
- Delta Wing Mixing
- Flaperons
- Aileron Differential
- Flap to Elevator Mixing
- Aileron to Rudder Mixing
- 4 Model Memory
- Elevator to Flap Mixing
- Throttle Cut
- Timer
- Sound Click On / Off
- Digital Battery Display



**VG400-TR**

Buddy Box training system, comes complete, ready to plug in to any VG or RD Series System.

Training Day



Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
03	04	05	06	07	08	09
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17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						



# VG SERIES

4 AND 6 CHANNEL FM ANALOG SYSTEMS



72 and 75 MHz



## VG400-600

You will love the VG Series FM systems whether you are a beginner, sport or advanced pilot. The beginner will appreciate the VG 400 for its ease of operation, and it is ideal for the advanced pilot looking for an extra 4 channel radio. The VG Series is equipped with bright LED's, Analog Trims, (EPA) End Point Adjustment for both Low and High throttle settings, Trainer System, Slim Line Micro 92777Z Dual Conversion FM Receiver or 92515Z Single Conversion FM Receiver, 700 mAh Transmitter and Receiver batteries. Fully adjustable stick tension and length provides ease of operation without the complexity of disassembling your radio. Another plus is servo reversing on all channels and with the switches conveniently located in front.

## VG600

Advanced pilots will like the added features of the VG 600. A basic 6 channel FM system with (EPA) End Point Adjustment on Low and High Throttle, Elevator, Rudder and Flap channel with Servo reversing on all 6 channels, 3 position flap switch and the 92777Z or 92515Z receiver. The VG 600 is a great choice.



92777Z FM 72 MHz D/C 7 Channel Receiver  
92875Z FM 75 MHz D/C 7 Channel Receiver

Merrill Brady



## VG400-TR

Buddy Box training system, comes complete ready to plug in to any VG or RD Series System.



FM 5 Channel Single Conversion Micro Receiver  
72 MHz channels 11~54

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
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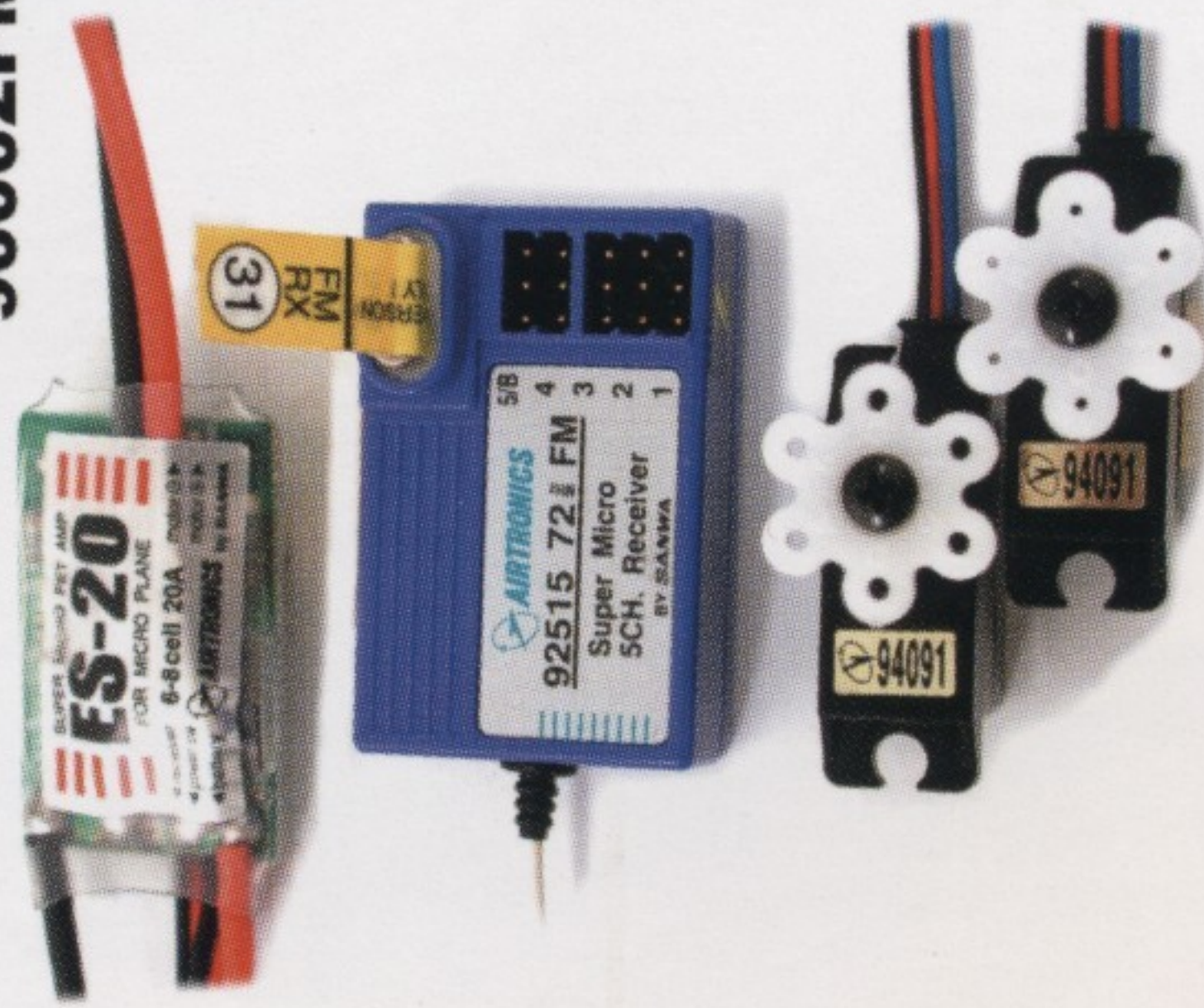


# FP FLIGHTPACK

You have additional models? Now you can take full advantage of your multi model transmitters by using our FM Flight Packs. All Flight Packs will work with any of your Airtronics FM or FM/PCM transmitters and come in four different configurations, e.g. Standard, Micro Mini and two Micro Mini Electric. There is no need to order an additional receiver crystal for your new pack because our flight pack's come ready to go with the crystal installed. That alone will save you time and money. We offer two different Micro Mini Electric packs to better fit your type of flying. The 90002FM72 comes with 20 Amp on/off speed controller. Our 90004FM72 comes with our 64-step speed variable speed controller. The 64-steps provide you with a more linear throttle action when you advance or decrease your throttle stick motion. In the Mini Packs we include our 9-gram Super Micro 94091Z servos, which have a super fast response at a speed of 0.10 seconds for 60 degrees rotation when using a 6-volt supply.

## Micro Mini Electric

90002FM72



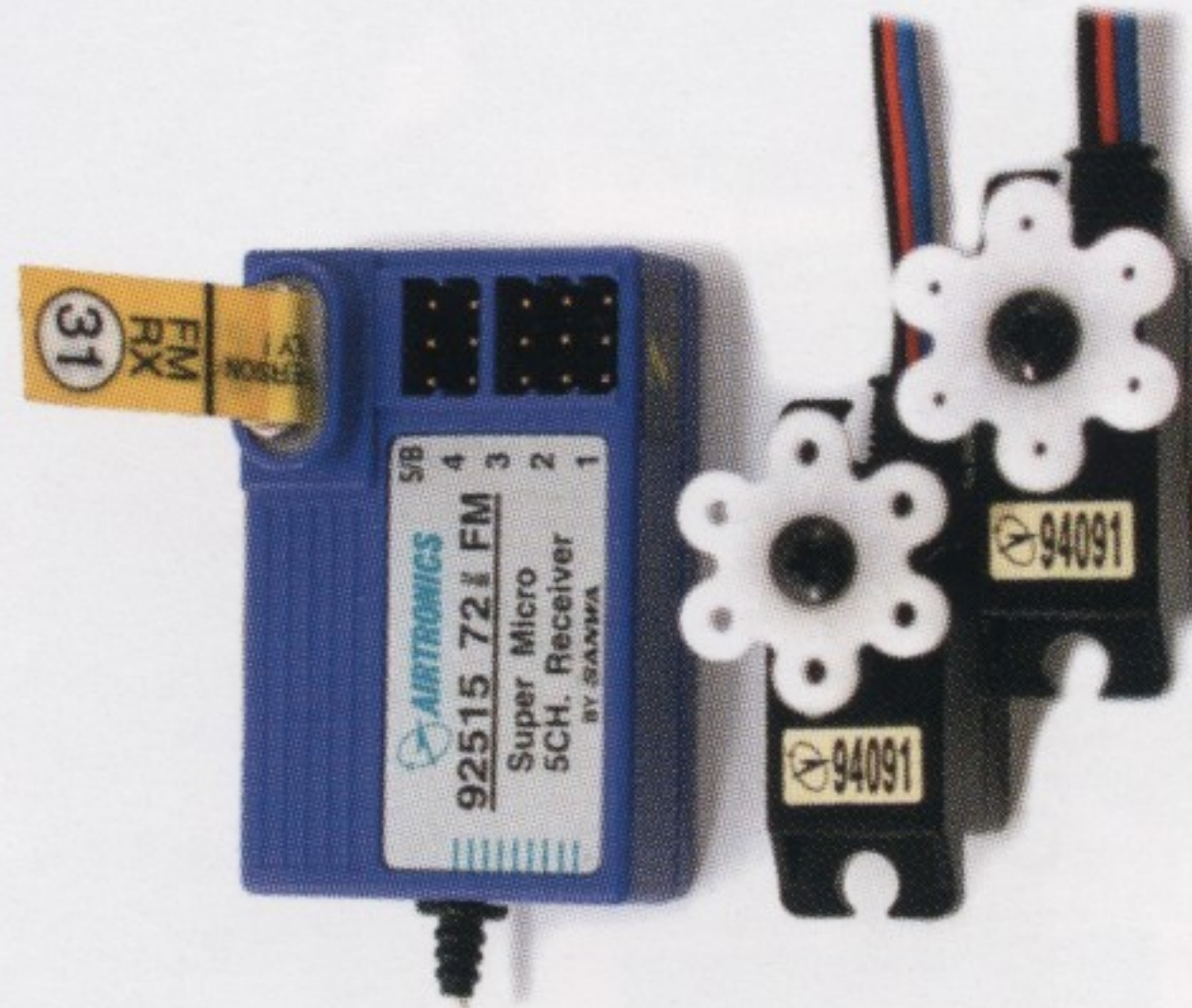
Designed for a small park flyer, our Micro Mini Electric Pack will help keep the weight down with 2 94091Z servos that weigh in at only 9 grams each. With a single conversion receiver and a 20A speed controller, you will be up and flying in no time.

### Includes:

- 1- 92515Z S/C 5 Ch Receiver
- 1- 96333Z Mini AMP Speed Controller
- 2- 94091Z Super Micro 9gram Servos

## Micro Mini

90003FM72



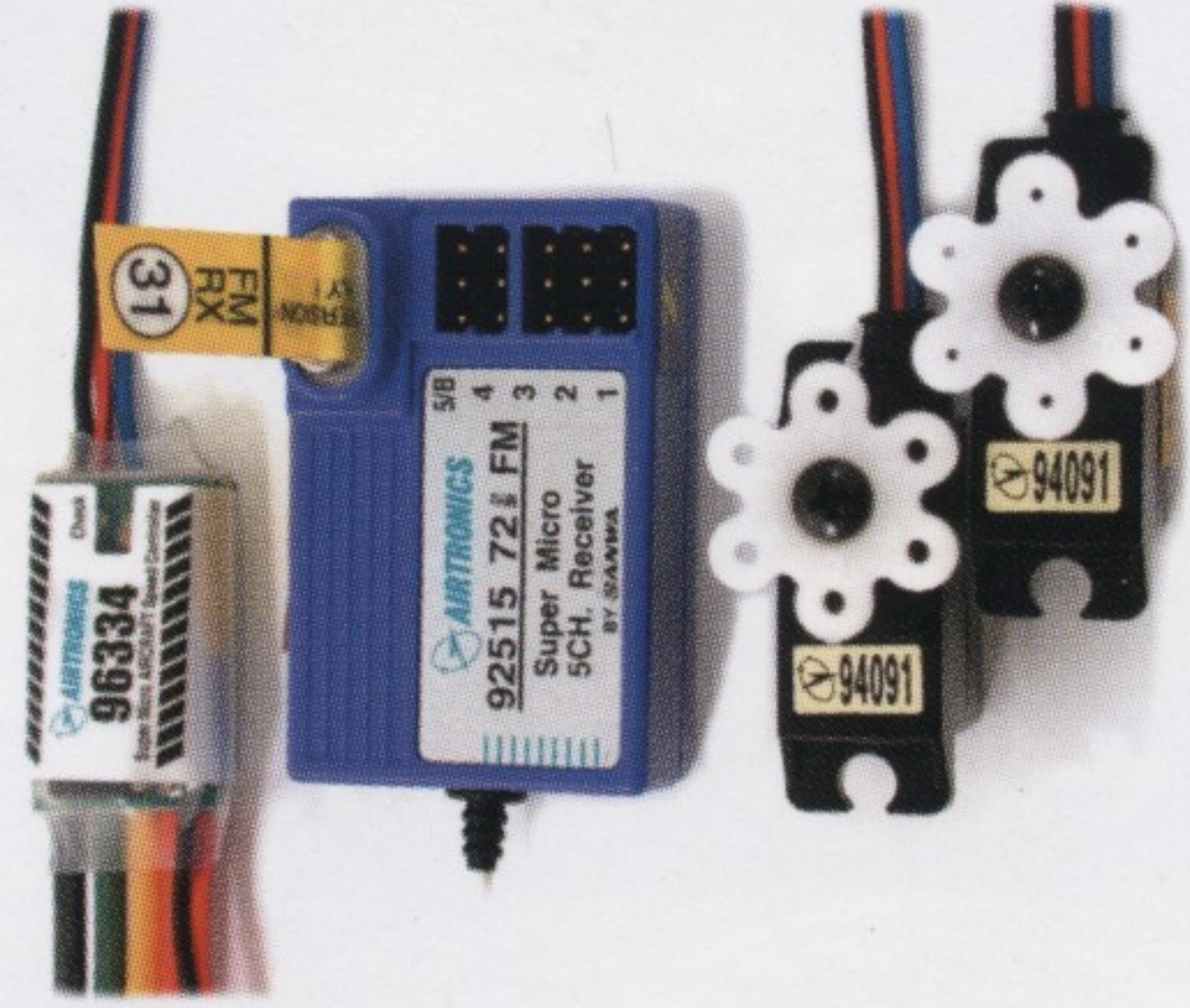
Micro Mini will handle just about any small park flyer or small sailplane. Small and light weight.

### Includes:

- 1- 92515Z S/C 5 Channel Receiver
- 2- 94091Z Super Micro 9gram Servos

## Micro Mini Electric

90004FM72



Designed for a small park flyer, models, our micro mini Electric Pack with two 94091Z servos that weight only 9 grams each, provides light weight performance. Complete with a single conversion receiver and 64-step micro 20 Amp Electronic Speed Controller

### Includes:

- 1- 92515Z S/C 5 Channel Receiver
- 1- 96334Z Mini AMP Speed Controller
- 2- 94091Z Super Micro 9gram Servos

90001FM72



## Standard Flight Pack

With radio systems and ARF planes today, the need for additional flight packs are becoming a must. Our Standard Flight Pack will help you get started with your new project faster.

### Includes:

- 1- 92777Z Dual Conversion 7 Channel Receiver
- 4- 94102Z Standard Heavy Duty Servos
- 1- 95098Z Sport Pack Battery 700 MAh
- 1- 97011Z Aileron Servo Extension
- 1- 97001Z Switch Harness
- 4- Servo Mounting Hardware



# SP SURFACE PACK

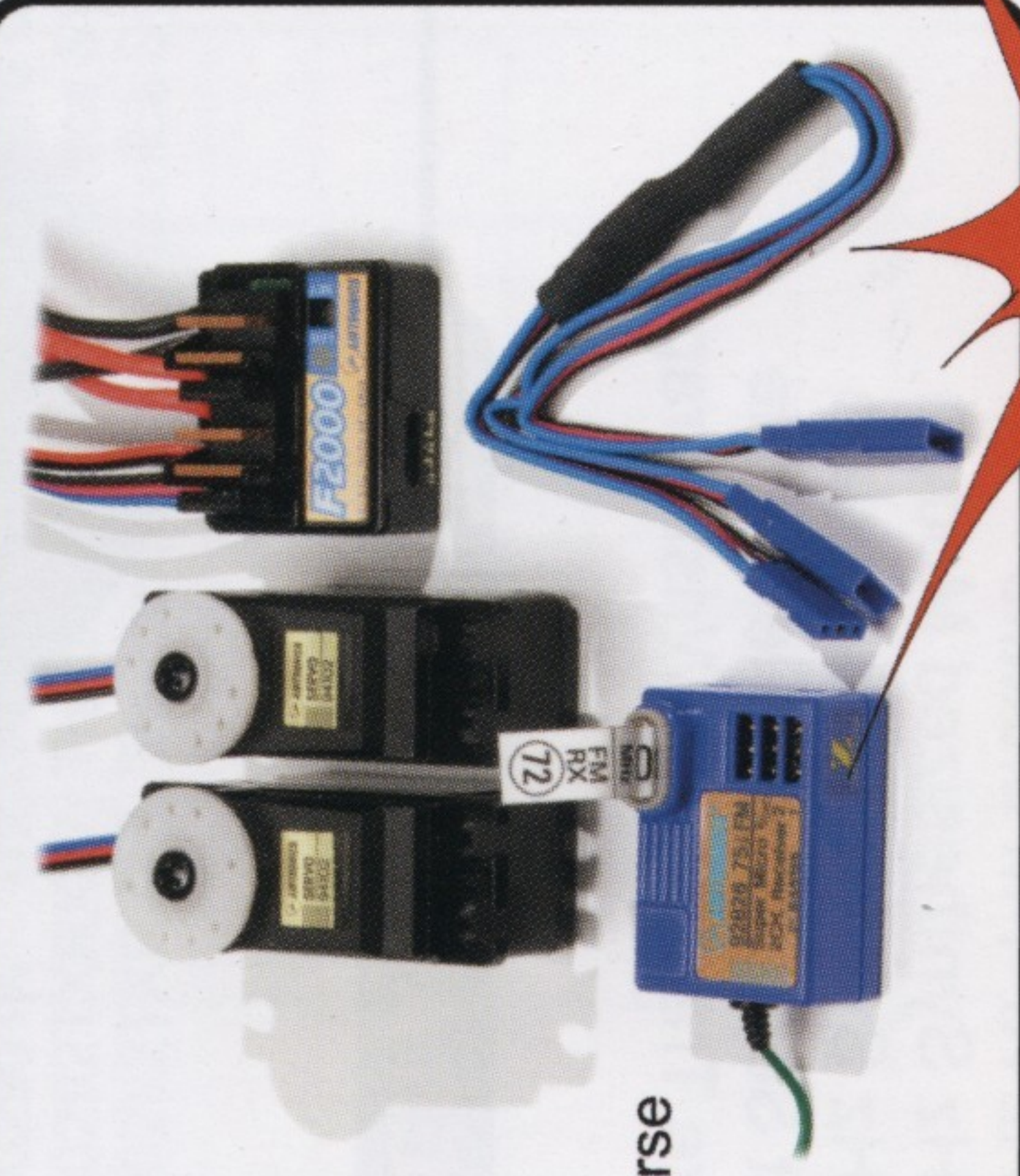


Introducing our new Surface Packs for the Tamiya TLT-1 and Team Losi's Mini-T. Both are available on 27 and 75 MHz. Packs come with FM receivers that will work with any Airtronics FM transmitters.

## Tamiya's TLT-1

90050FM75 75MHz  
90050FM27 27MHz

2-94322Z Heavy Duty Ball Bearing Servos  
1-96316Z F2000 Speed Controller with Reverse  
1-92826Z FM 75MHz 2 Channel Receiver  
1-97020Z Duel Servo Y Harness



**NEW!**

## Team Losi's Mini-T

90051FM75 75MHz  
90051FM27 27MHz

1-94091Z Micro Servo  
1-96305Z BL-Racer Speed Controller with Reverse  
1-92826Z FM 75 MHz 2 Channel Receiver  
1-98302 Micro Servo Saver Kit



**NEW!**



## MICRO SERVO SAVER

Stop breaking gears. Install a new Airtronics Micro Servo Saver now. Designed for Airtronics Micro Servos.

Fits: 92051Z  
92091Z  
92501Z  
92555Z  
92556Z  
92557Z

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
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28	29	30	31			

March 2005



# M8 SYSTEM

## EVOLUTIONAL COMPUTER SYSTEM

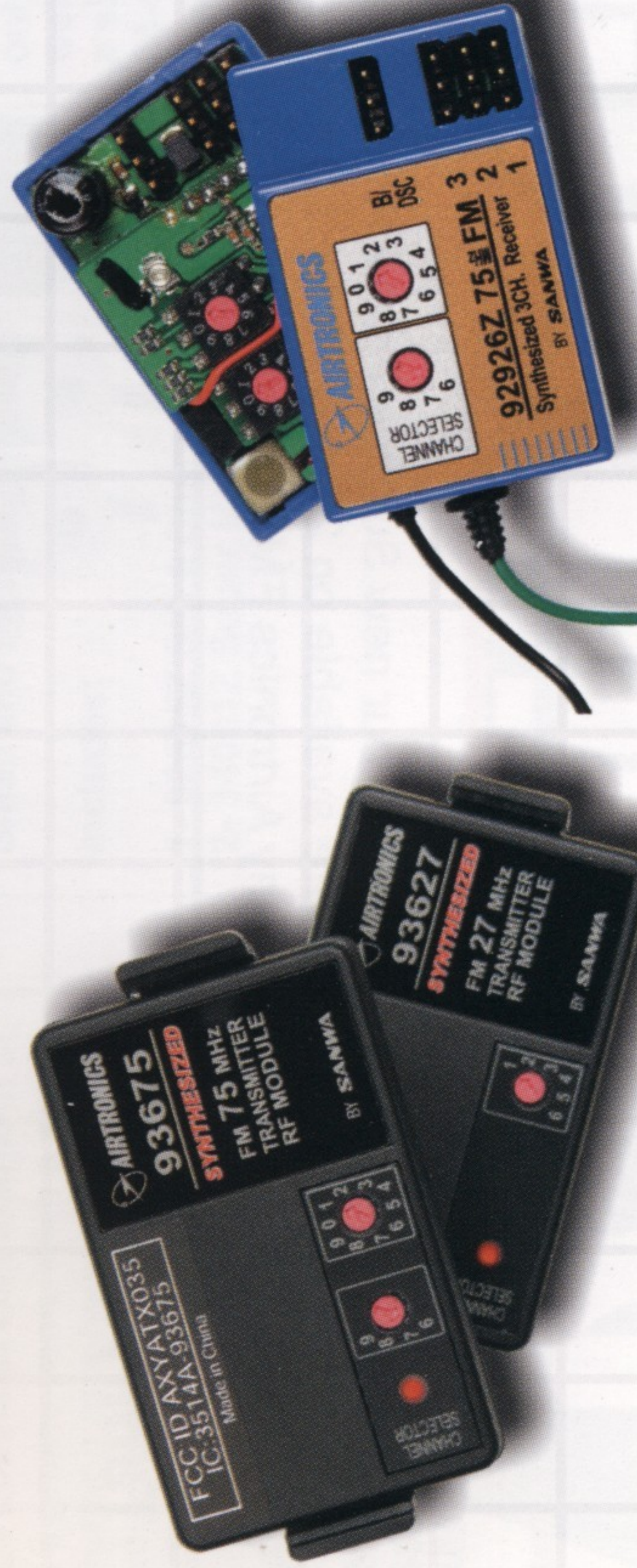
When it comes to pistol grip radios, Airtronics can not be beat. From our BLAZER Sport to the high end M8 computerized radio, no one comes close when it comes to features, reliability, performance and service. When we sat down to design the M8, we wanted to come up with a computer radio system that had everything any driver would or could want out of a pistol grip radio system. We didn't stop there, we rounded up all the pro drivers and asked them what they wanted. Well the M8 was born and for the last 7 years has proven to be the best. Now you can get an M8 system with our new Airtronics M8 Synthesized Module and Synthesized Receiver. Just set the desired channel and go.

The new Airtronics Synthesized Module and or Receiver can be purchased separately and will fit any M8 transmitter.

Additional accessories available for the M8:

- 95050 NiCd Transmitter Battery Pack 700 MAh
- 95051 NiCd Transmitter Battery Pack 1100 MAh
- 93927 27 MHz RF FM Module
- 93975 75 MHz RF FM Module
- 93627 27 MHz Synthesized Module
- 93675 75 MHz Synthesized Module
- 97031 Direct Servo Controller Cable
- 99104 Deluxe Transmitter Wrist Strap

### SYNTHESIZED MODULES AND RECEIVERS

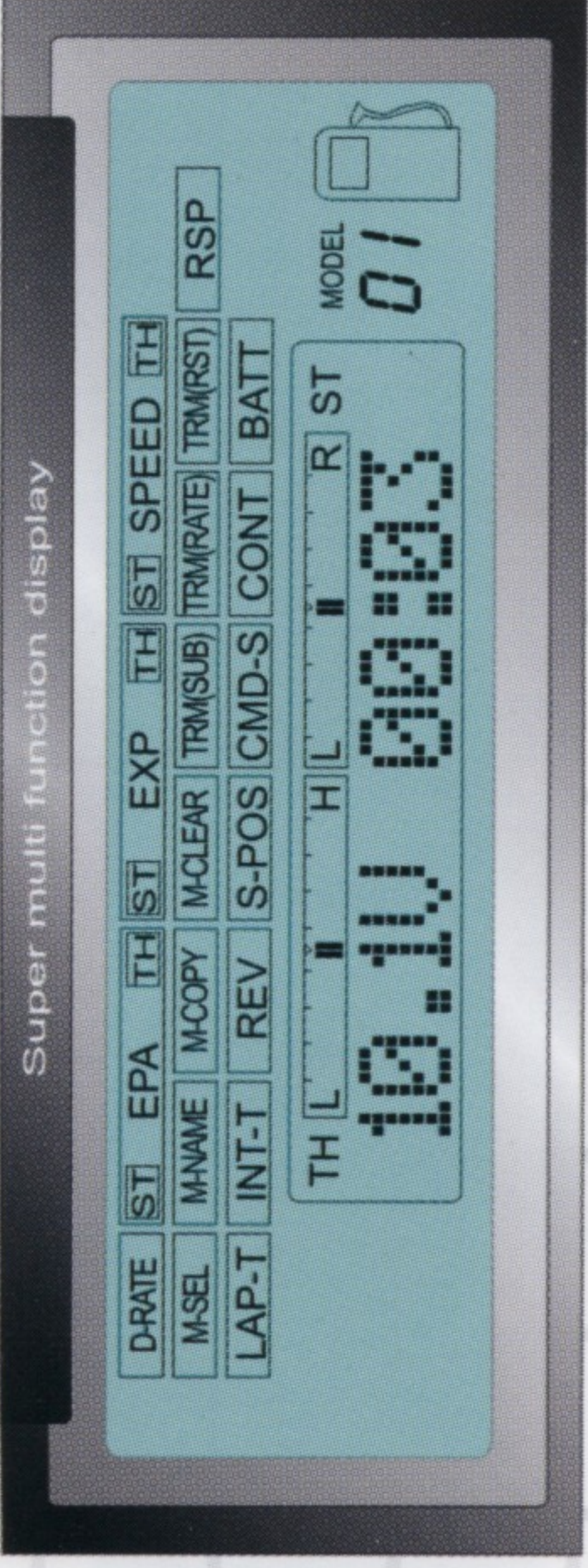


Evolutional computer system gives you super fast response



Large LCD Display  
 Left or Right Hand Grip  
 Removable RF Module  
 FM 27 or 75 MHz  
 Optional Synthesized Module  
 Optional Synthesized Receiver

Dual Rate  
 EPA  
 Exponential  
 Servo Speed Adjustment  
 ALB Braking  
 10 Model Memory  
 Model Name  
 Model Copy  
 Model Clear  
 Sub-Trim  
 3 Channel  
 Display Switch  
 Digital Trims  
 Red Power On LED  
 Trim Rate  
 Trim Reset  
 Response Switch  
 Lap Timer  
 Integral Timer  
 Servo Reverse  
 Start Position  
 Adjustable Sound Audio  
 Screen Contrast  
 LCD Voltage Display



**Back Light Systems:**

90290TX Transmitter Only with Standard Module 27 or 75MHz  
 90292TXRX27 Transmitter with Airtronics Synthesized Module and Receiver 27MHz  
 90292TXRX75 Transmitter with Airtronics Synthesized Module and Receiver 75 MHz



**Readers Choice Award Winner  
 1998, 1999, 2000, 2001, 2002, 2003, 2004**

Eric Schutt



Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
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# MAX

ADVANCED MICROCOMPUTER SYSTEMS

# SYNTHESIZED MX-3S

Airtronics has for many years engineered top performance radio systems that just can't be beat. The Airtronics MX-3S is no exception. Besides being the ultimate MAXX upgrade, the MX-3S will undoubtedly make you a winner in any kind of racing. We packed many features in the MX-3S that will get you dialed-in fast since it is a computer radio, you will be able to adjust to any track and any condition in a flash. Tired of taking more than one transmitter to a race? Not a problem with the MX-3S because it has 18 model memory. Just take a look at all the features that come standard with the MX-3S.

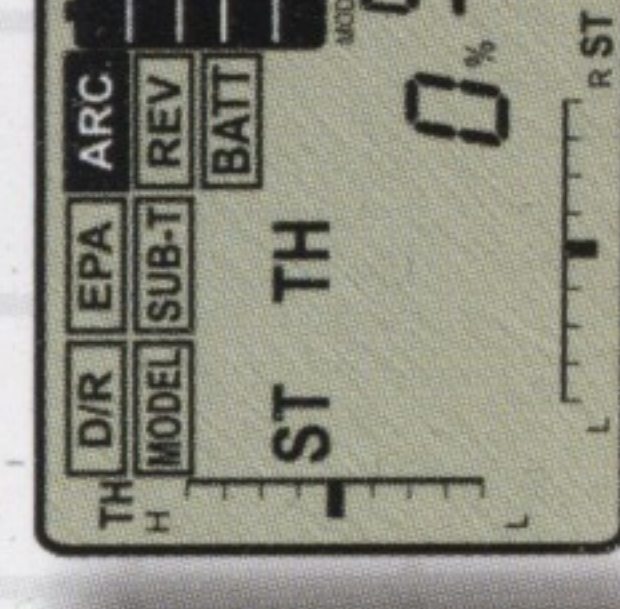
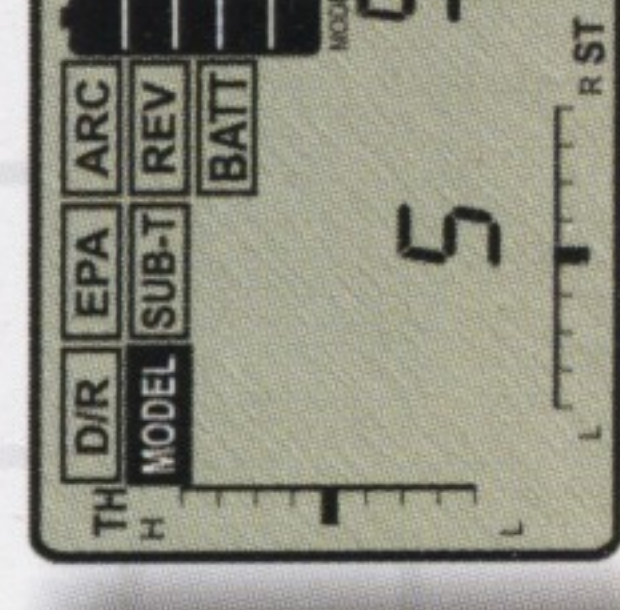
#### Features:

- 3 Channel FM Computer System
- Synthesized Transmitter and Receiver
- Digital Dual Rate Steering Adjustment
- Digital Throttle Trim
- Digital Steering Trim
- Aux Channel 3 Lever
- Adjustable Trigger Lever
- Soft touch Programming Keys
- Ergonomic Comfort Handle
- Charging Jack for optional NiCd Battery Pack
- Wrist Strap Support
- Available on 27 or 75 MHz
- 3 Channel FM Synthesized Receiver
- 4 Cell Dry Battery Holder
- Switch Harness
- Large LCD Display

#### Programming:

- Dual Rate Steering
- EPA for Steering, Throttle and AUX
- ARC for Throttle and Steering
- 18 Model Memory
- Sub Trim for Steering and Throttle
- Servo Reversing all Channels
- Digital Voltage Display
- Transmitter Battery Fuel Tank

92927Z FM 27 MHz  
92926Z FM 75 MHz





## MX-3

Our MX-3 started the new wave of computer pistol grip radios for drivers requiring precision and performance. Packed with all you need to get up and running fast, the MX-3 comes with all the features of the MX-3S but is a none synthesized version with 5 Model Memory.



FM  
**MX-3**



AM  
**MX-A**

## MX-A

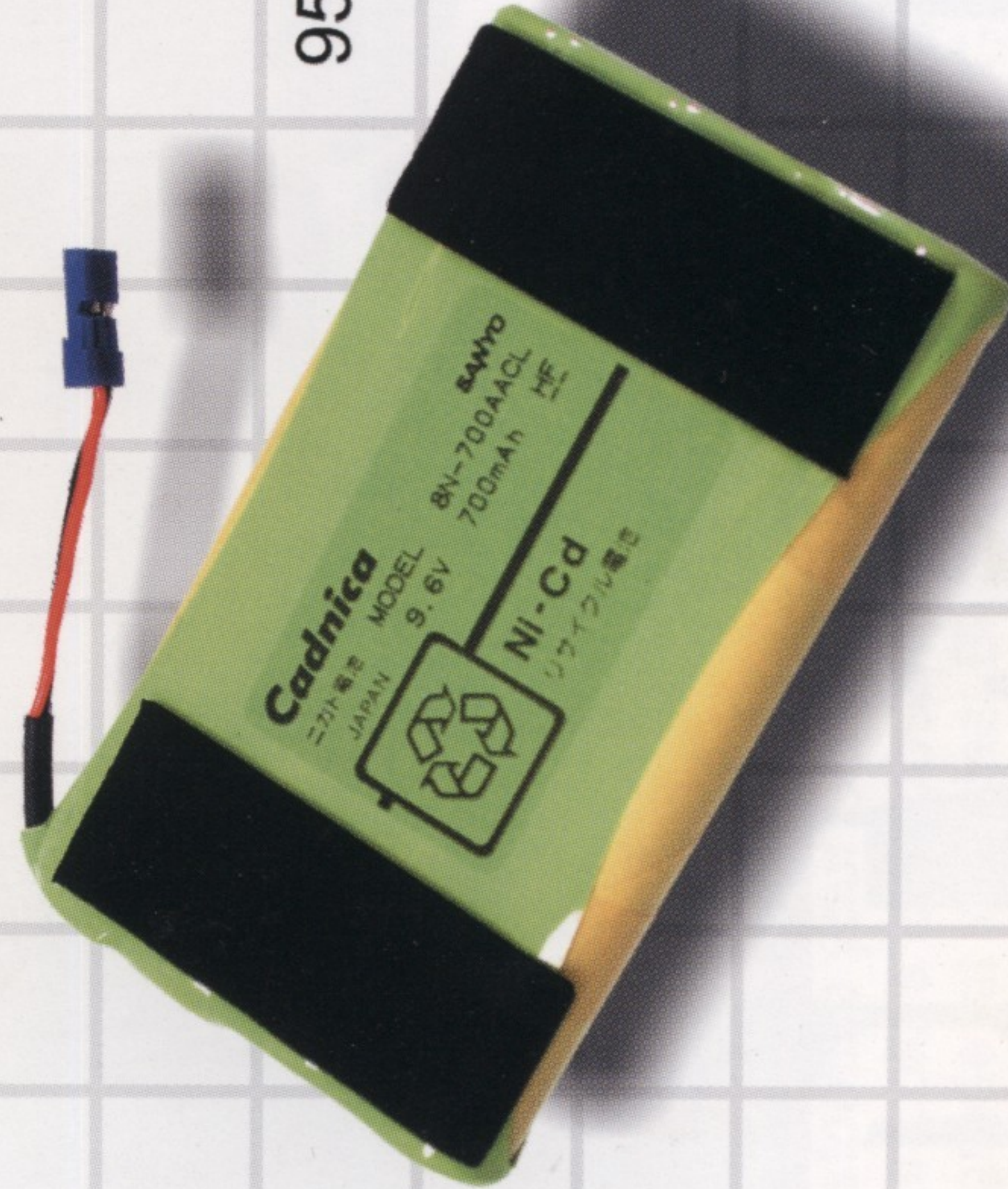
The MX-A is for AM drivers that have many kinds of RTR cars and trucks. Now you can program all of them into one AM computer transmitter. The MX-A comes with all the features of the MX-3 plus 12 Model Memory, and the new Micro AM 2 Channel Receiver.



New Micro AM 2 Channel Receiver

92726Z AM 75 MHz  
92727Z AM 27 MHz

Optional Transmitter NiCd Battery 700 mAh  
9.6v pack.



95046Z

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23	24	25	26	27	28	22
30	31					29



# BLAZER AVENGER EXZES

The BLAZER Sport is your best choice to start racing of any kind. Built with the same digital technology as our top of the line M8, you will definitely have total control. Feel the smoothness of the steering wheel or trigger and you will know it is well designed. The BLAZER Sport comes standard with:

Ergonomic Control Grip, Bright LED Power Indicators, True Grip Plastic Steering Wheel, Throttle and Steering Trims, Smooth Action Throttle Trigger, Adjustable Trigger, Steering Dual Rate, Charging Adaptor ( For NiCd Batteries) Wrist Strap Support, 2 Channel AM Receiver, 4 Cell Receiver Battery Holder, Switch Harness, Reverse Switches for Steering and Throttle.

### BLAZER SPORT SYSTEMS

- 90500AM System, Includes (2) 94102Z Standard Servos, Dry Battery
- 90501AM System, Includes (1) 94102Z Servo, (1) 96316Z, F-2000 Speed Controller W/Reverse, Dry Battery
- 90502AM System, Includes (1) 94102Z Standard Servo, Dry Battery
- 90503AM System, Includes (1) 94051Z Servo (1) 96301Z Micro, Controller W/Rev Dry Batt
- 90504AM System, Includes (3) 94102Z Servo (1) 96305Z, Controller W/Rev Dry Batt



## BLAZER Sport

# AM

## AVENGER AV2X

# AM



There's no better way of getting into the R/C hobby of cars and boats 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, 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 2-94102Z Standard Servos and is available on either 27 or 75MHz

90125AM System, Includes (2) 94102Z Standard Servos, (1) 92727Z RX, Dry Battery



# Super EXZES

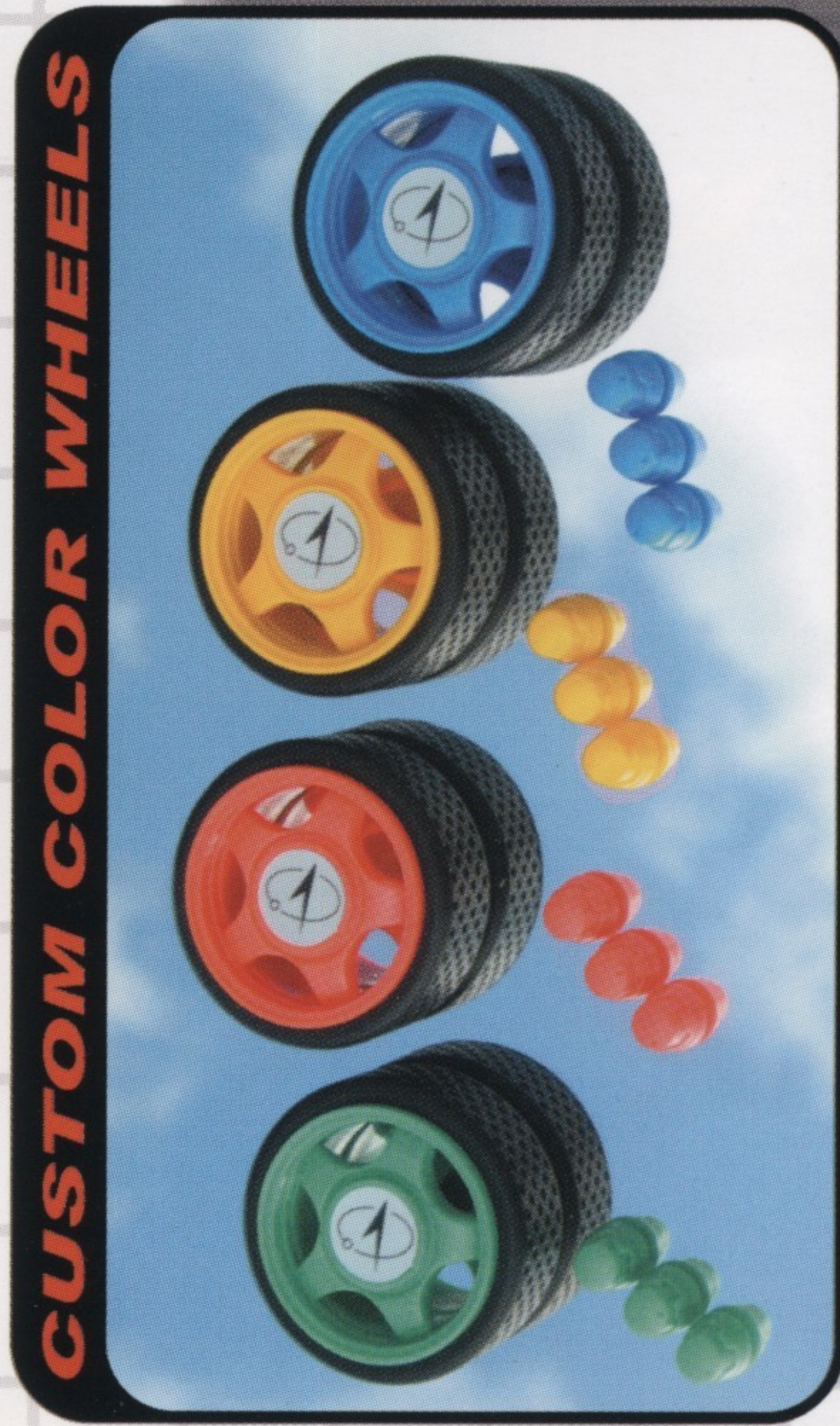


With the growing popularity of two-stick radios, Airtronics offers the Super EXZES computer radio including all the software from our award winning M8 pistol grip radio, with the exception of (ALB) braking. The Super EXZES features include 10 Model Memory, EPA, Dual Rate, Servo Reverse, Steering and Throttle Exponential, and much much more. The Super EXZES comes with a Transmitter Battery Holder, Switch Harness, DSC Cord, RX-311 part number 92837 receiver and is available on 27Mhz only.

90171FM27 Transmitter with (1) 93927 RF Module, (1) 92837Z RX, Dry Battery

# F1M

**NOW WITH BACK LIGHT DISPLAY**



Customize your BLAZER or MX Series with color. Four colors to choose from; Green, Red, Yellow and Blue. Upgrade kit includes: Black Rubber Wheel Grip, Center Airtronics Logo Decal, Colored Wheel and 3 Trim Adjuster Knobs.

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
06	07	08	09	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

June 2005

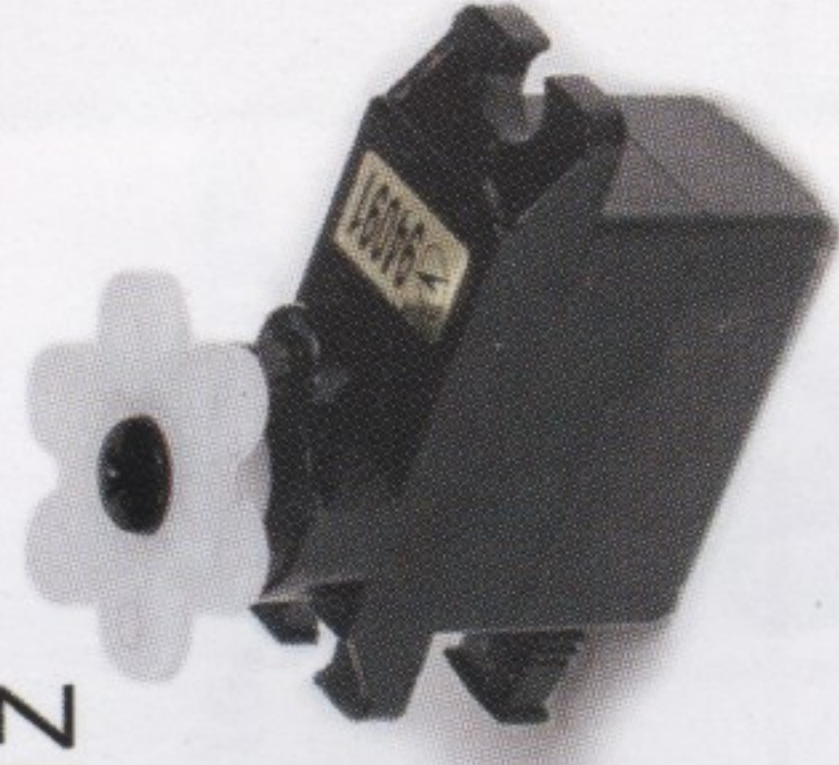


# P1 SERVO

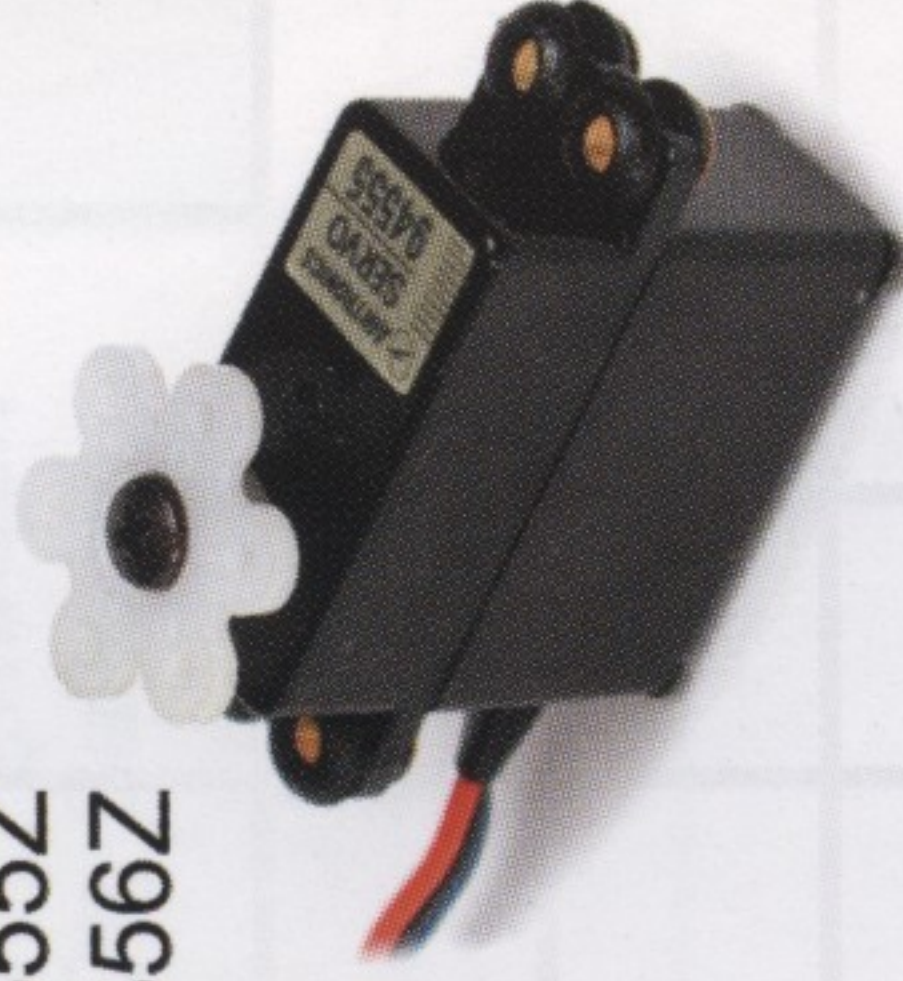
QUALITY BUILT DIGITAL AND ANALOG SERVOS



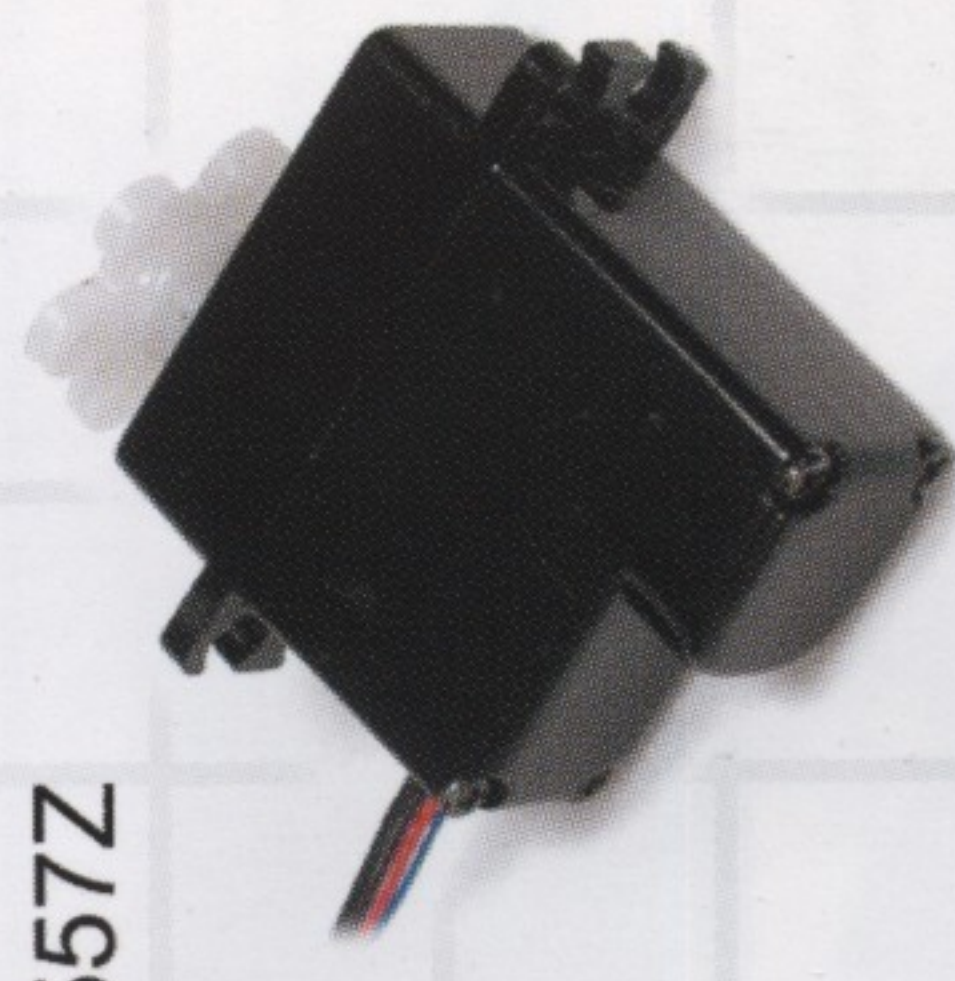
94091Z



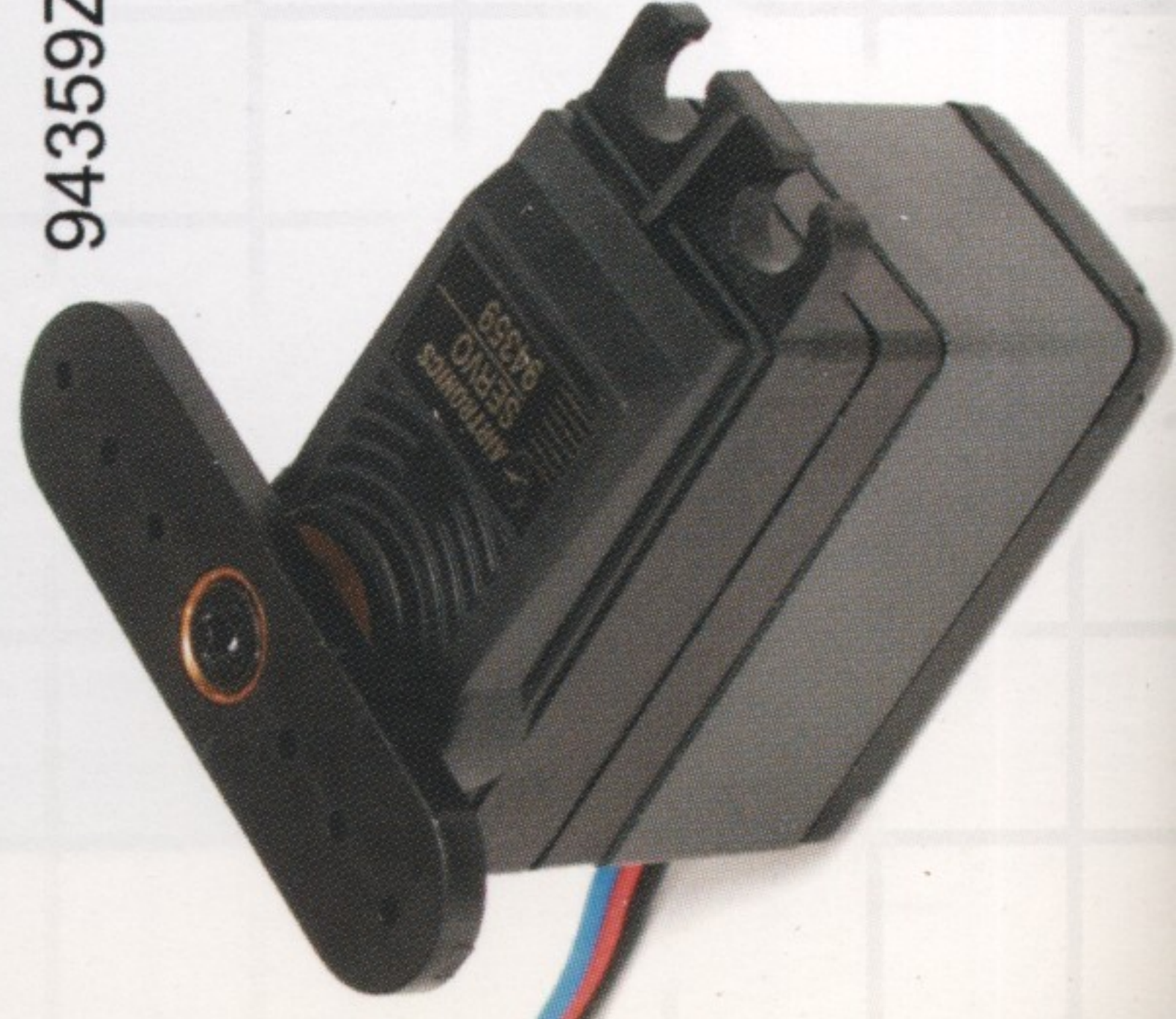
94555Z  
94556Z



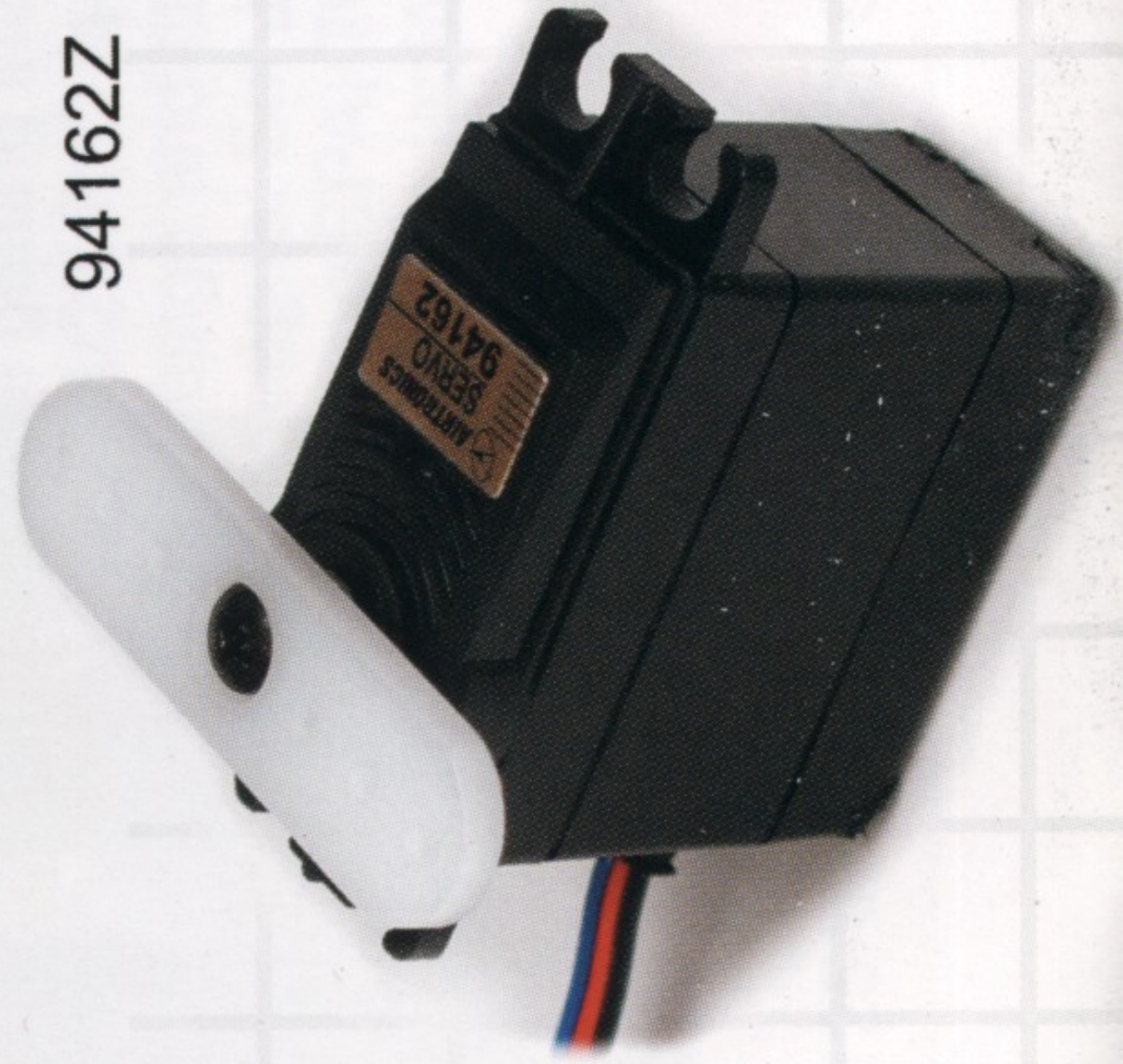
94557Z



94359Z



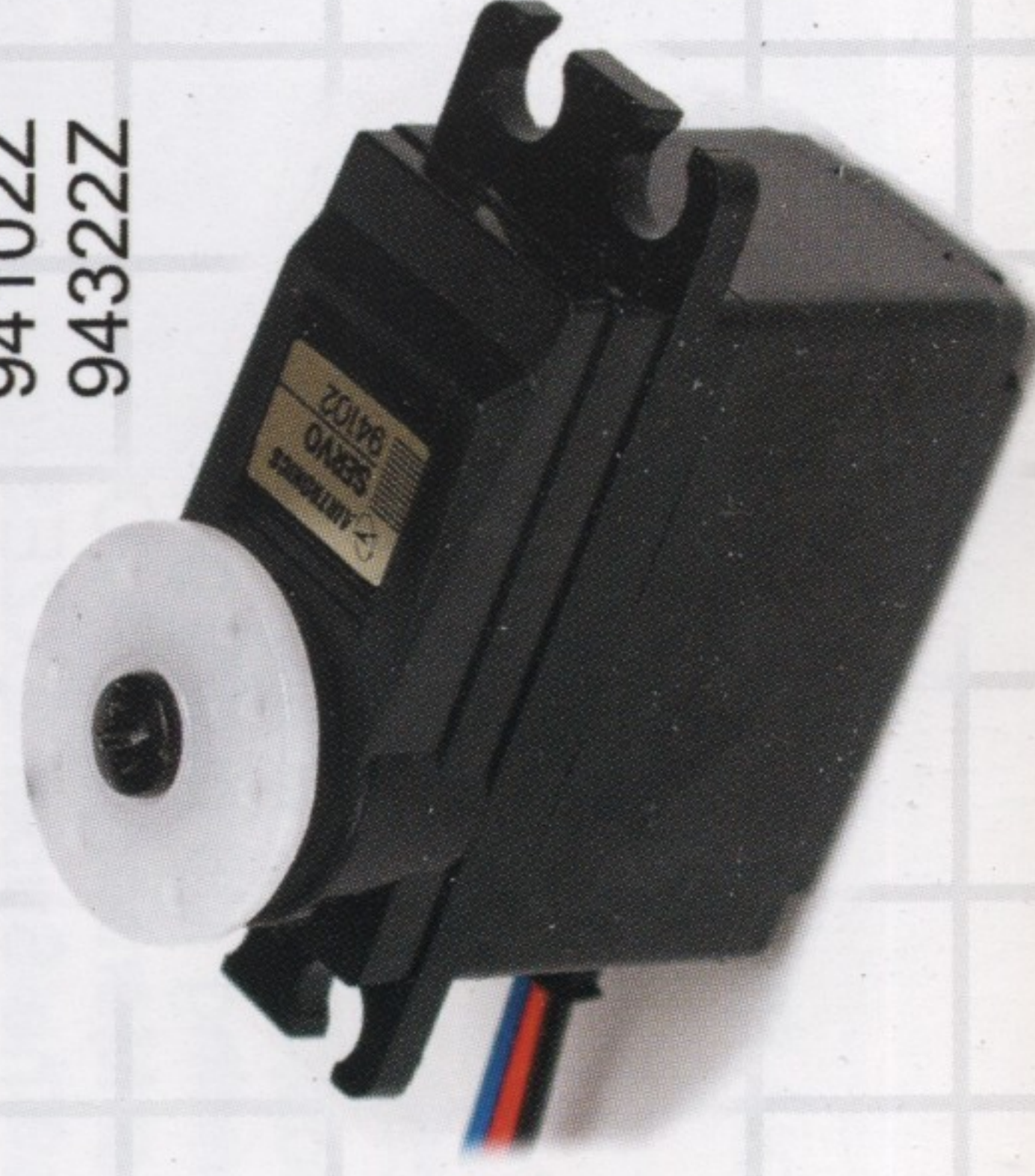
94162Z



94921Z  
94924Z



94102Z  
94322Z



94141Z  
94145Z





Quality, Dependability and Durability are just some of the things people say when it comes to Airtronics Servos. Available with the "Z" connector, all of our servos are fully compatible with other manufacturers systems. Features include custom I.C's, Surface Mount Technology (SMT) construction and splined output shafts for accurate control surface movement. Molded neoprene vibration isolators and injected molded servo cases ensure superior strength and lasting durability. All of our servos are manufactured with rugged heavy duty gear trains and are fully compatible with all Airtronics AM, FM and PCM systems.

## Heat-Sink Conversion Kits



99359-G Gray  
 99359-B Blue  
 99359-S Silver  
 99359-R Red

Heat-Sink Mid Cases will fit many other Airtronics servos. Check our web site for more details.

[www.Airtronics.net](http://www.Airtronics.net)

Mark Atwood



94761Z

High Torque, High Speed  
 and Digital all in a precision  
 micro servo

**DIGITAL  
 MICRO SERVO**

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
04	05	06	07	08	09	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

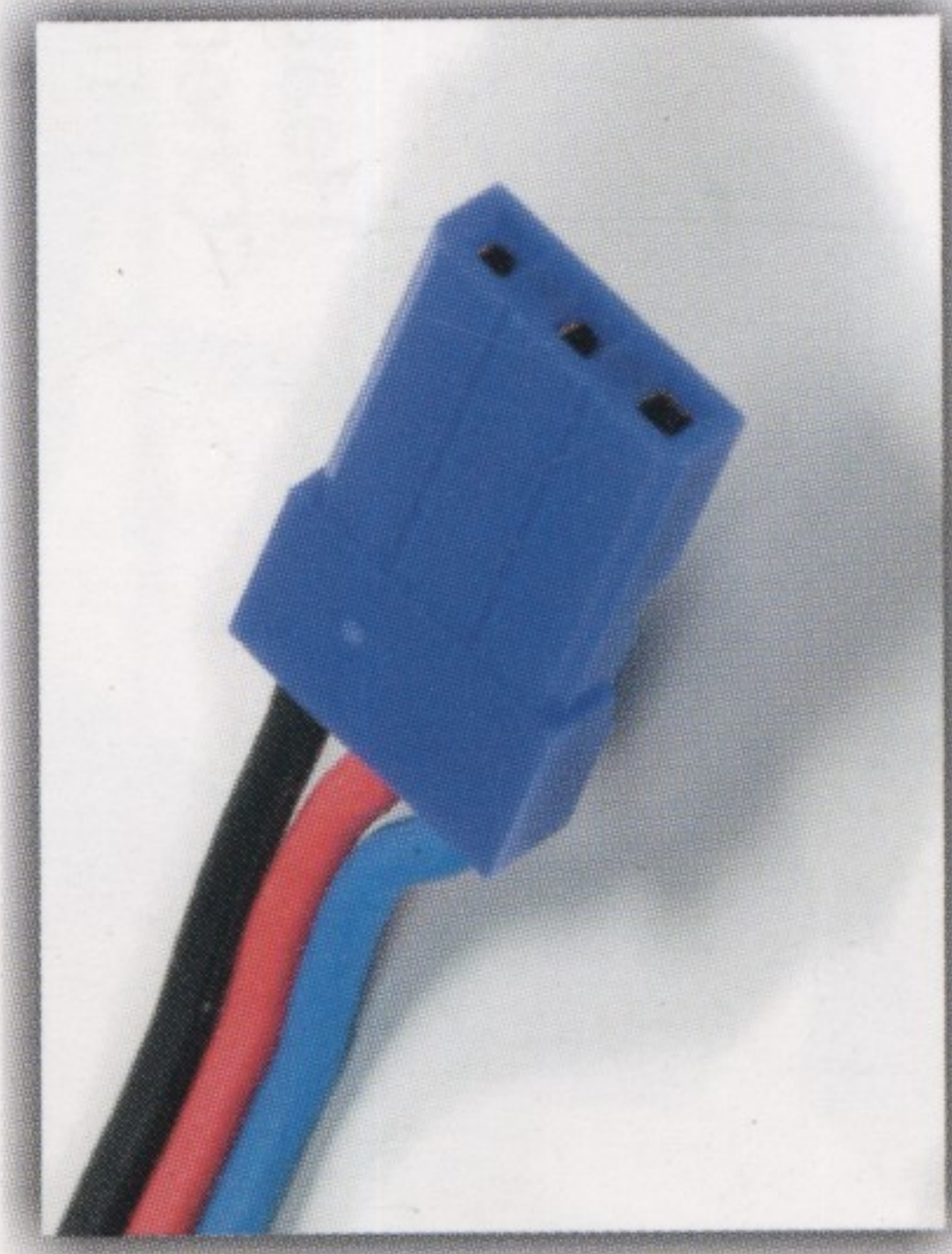
July 2005



# P2 SERVOS

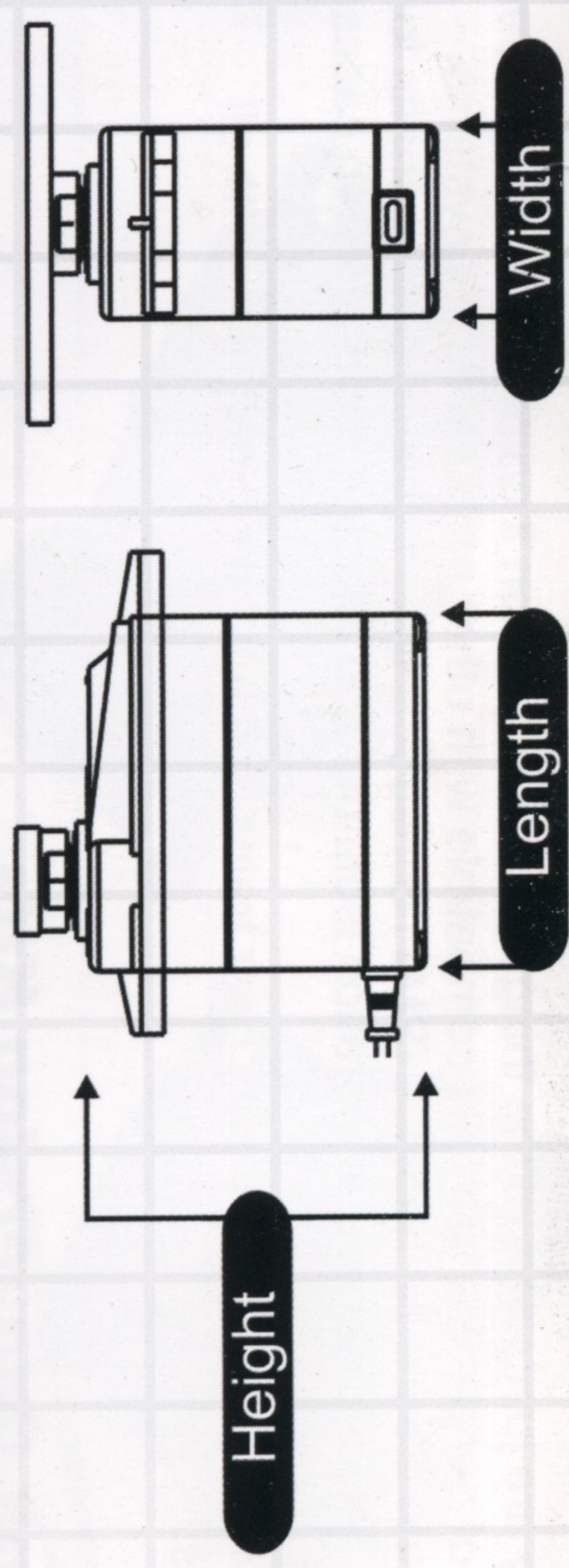
QUALITY BUILT DIGITAL AND ANALOG SERVOS

Quality, Dependability, and Durability are just some of the things people say when it comes to Airtronics servos. The "Z" connector makes all of our servos compatible with other manufacturers systems.



Servo Model	Trainer		Sport 40 ~ 60		Pattern		Large Scale under 30%		Large Scale over 30%		Helicopter 30		Helicopter 40 ~ 50		Helicopter 60 ~ 90		Sailplane under 2 meter		Sailplane over 2 meter		Retract		Park Flyer			
	1/18	1/10	OR	OR	1/10	OR	1/10	OR	1/8	OR	1/8	OR	1/8	OR	1/10	M	1/8	1/10	M	1/8	1/10	M	1/8	1/10	M	
	ST	ST	ST	ST	ST	ST	ST	ST	ST	ST	ST	ST	ST	ST	ST	ST	ST	ST	ST	ST	ST	ST	ST	ST	ST	
94051Z																										
94091Z																										
94102Z																										
94112Z																										
94141Z																										
94145Z																										
94162Z																										
94322Z																										
94357Z																										
94358Z																										
94359Z																										
94360Z																										
94452Z																										
94555Z																										
94557Z																										
94731Z																										
94737Z																										
94738Z																										
94921Z																										
94924Z																										
94751Z																										
94755Z																										
94758Z																										
94761Z																										

ST = Steering  
 TH = Throttle  
 OR = On Road  
 OFR = Off Road  
 M = Monster Gas



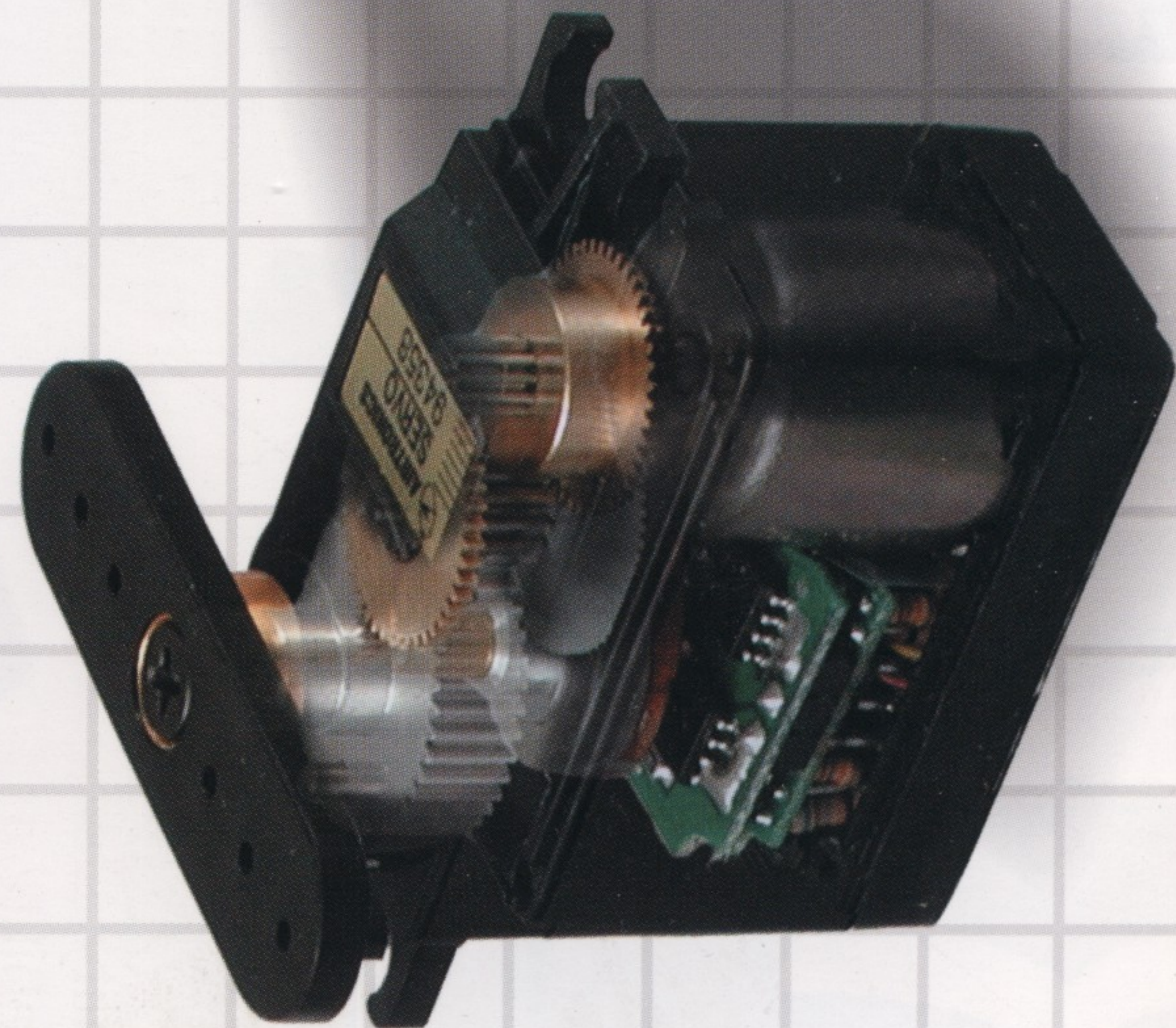


# Servo Specifications

Part Number	Description	Weight	Dimensions L x W x H	Volt @	Torque In oz	Speed 60deg	Motor Type	Gear Type	Ball Bearing
94051Z	Microlite Servo	0.78 oz.	1.34 x 0.55 x 1.34	4.8/6.0	18 / 23	0.19 / 0.15	Std 3 Pole	P	N
94091Z	Super Microlite Servo	0.32 oz.	0.91 x 0.44 x 0.87	4.8/6.0	18 / 23	0.12 / 0.10	Std 3 Pole	P	N
94102Z	Precision Heavy Duty Standard Servo	1.59 oz.	1.54 x 0.79 x 1.42	4.8/6.0	42 / 53	0.20 / 0.16	Std 3 Pole	P	N
94112Z	Precision Heavy Duty Servo	1.59 oz.	1.54 x 0.79 x 1.42	4.8/6.0	45 / 56	0.17 / 0.14	Std 3 Pole	P	N
94141Z	Precision High Torque Micro Servo	1.16 oz.	1.42 x 0.59 x 1.29	4.8/6.0	45 / 56	0.20 / 0.16	Coreless	M	1
94145Z	Precision High Speed Micro Servo	1.09 oz.	1.42 x 0.59 x 1.29	4.8/6.0	26 / 32	0.09 / 0.07	Coreless	P/M	1
* 94162Z	PRO Large-Scale Servo	2.36 oz.	1.54 x 0.79 x 1.61	4.8/6.0	115 / 144	0.23 / 0.18	Std 3 Pole	P/M	2
94322Z	Precision Heavy Duty Servo	1.59 oz.	1.54 x 0.79 x 1.42	4.8/6.0	46 / 58	0.19 / 0.15	Std 3 Pole	P	1
* 94357Z	ERG-VR High Speed Servo	2.12 oz.	1.54 x 0.79 x 1.47	4.8/6.0	100 / 125	0.09 / 0.07	Coreless	P/M	2
* 94358Z	ERG-VB High Torque Servo	2.12 oz.	1.54 x 0.79 x 1.47	4.8/6.0	160 / 200	0.13 / 0.10	Coreless	P/M	2
* 94359Z	ERG-VX High Torque Alum. Heatsink Servo	2.19 oz.	1.54 x 0.79 x 1.47	4.8/6.0	160 / 200	0.13 / 0.10	Coreless	M	2
* 94360Z	ERG-VRX High Speed Alum. Heatsink Servo	2.19 oz.	1.54 x 0.79 x 1.47	4.8/6.0	160 / 200	0.09 / 0.07	Coreless	M	2
* 94452Z	PRO Contest Heli & Airplane Servo	2.08 oz.	1.54 x 0.79 x 1.47	4.8/6.0	100 / 125	0.11 / 0.09	Coreless	P/M	2
94555Z	Microlite / Aluminum Gear Servo	0.56 oz.	1.06 x 0.49 x 1.06	4.8/6.0	22 / 28	0.21 / 0.17	Coreless	P/M	N
94557Z	Microlite High Torque Servo	0.71 oz.	1.06 x 0.49 x 1.28	4.8/6.0	43 / 54	0.23 / 0.18	Coreless	P/M	N
* 94731Z	Contest Aircraft & Heli Servo	1.80 oz.	1.54 x 0.79 x 1.40	4.8/6.0	77 / 96	0.17 / 0.14	Coreless	P	2
* 94737Z	Contest High Speed Servo	1.94 oz.	1.54 x 0.79 x 1.38	4.8/6.0	56 / 70	0.15 / 0.12	Coreless	P/M	2
* 94738Z	Contest High Torque Servo	1.94 oz.	1.54 x 0.79 x 1.38	4.8/6.0	70 / 88	0.20 / 0.16	Coreless	P/M	2
* 94921Z	Low Profile Servo	1.69 oz.	1.74 x 0.87 x 0.92	4.8/6.0	56 / 70	0.16 / 0.13	Coreless	P	2
* 94924Z	Low Profile Retract Servo	1.59 oz.	1.74 x 0.87 x 0.92	4.8/6.0	77 / 96	0.48 / 0.38	Std 5 Pole	P	2
* 94751Z	COMPETITION Digital Servo Aircraft	1.80 oz.	1.54 x 0.79 x 1.40	4.8/6.0	73 / 91	0.16 / 0.13	Coreless	P	2
* 94755Z	COMPETITION Digital Servo	2.04 oz.	1.54 x 0.79 x 1.40	4.8/6.0	65 / 81	0.14 / 0.11	Coreless	P/M	2
* 94758Z	COMPETITION Digital Servo High Speed High Torque	2.12 oz.	1.54 x 0.79 x 1.47	4.8/6.0	92 / 115	0.07 / 0.06	Coreless	M	2
94761Z	Micro Digital Wing Servo	0.80	1.06 x 0.47 x 1.18	4.8/6.0	55 / 66	0.15 / 0.12	Coreless	P/M	2

P = Plastic  
 M = Metal  
 P/M = Plastic and Metal  
 \* = Water Resistant

N = No Ball Bearing  
 1 = 1 Ball Bearing  
 2 = 2 Ball Bearing



Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
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29	30	31				



# RX RECEIVERS

AM - FM - PCM - SYNTHESIZED



92777Z



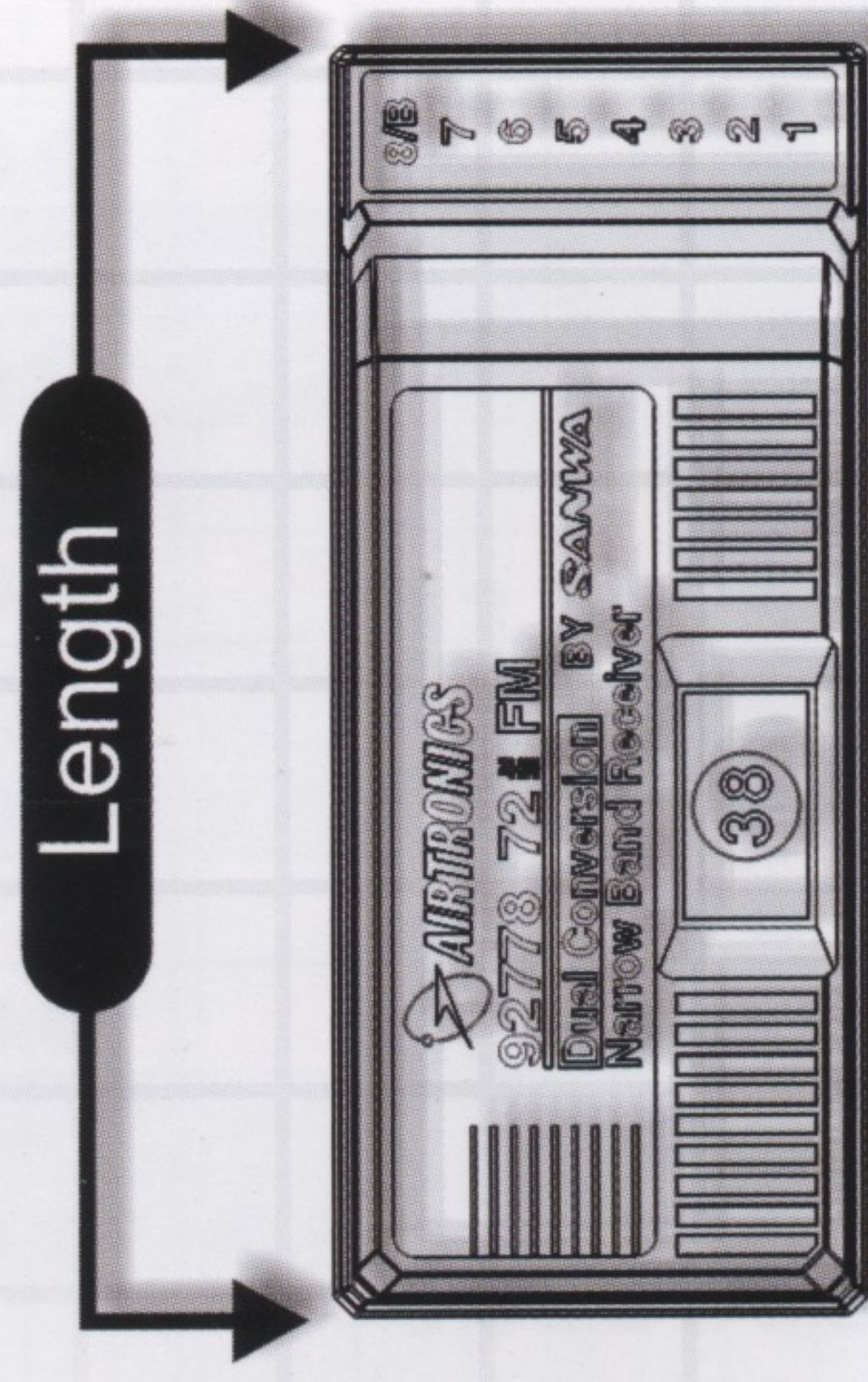
92515Z



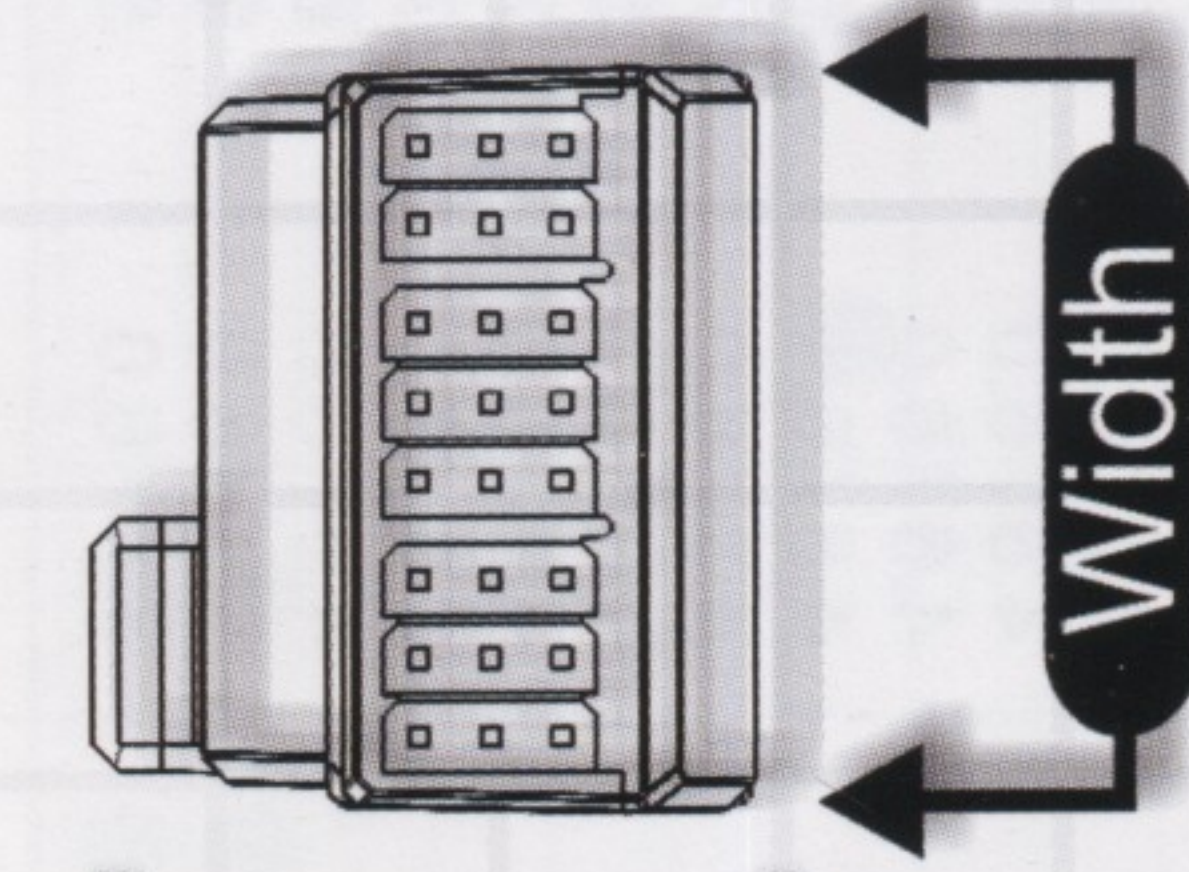
92778Z



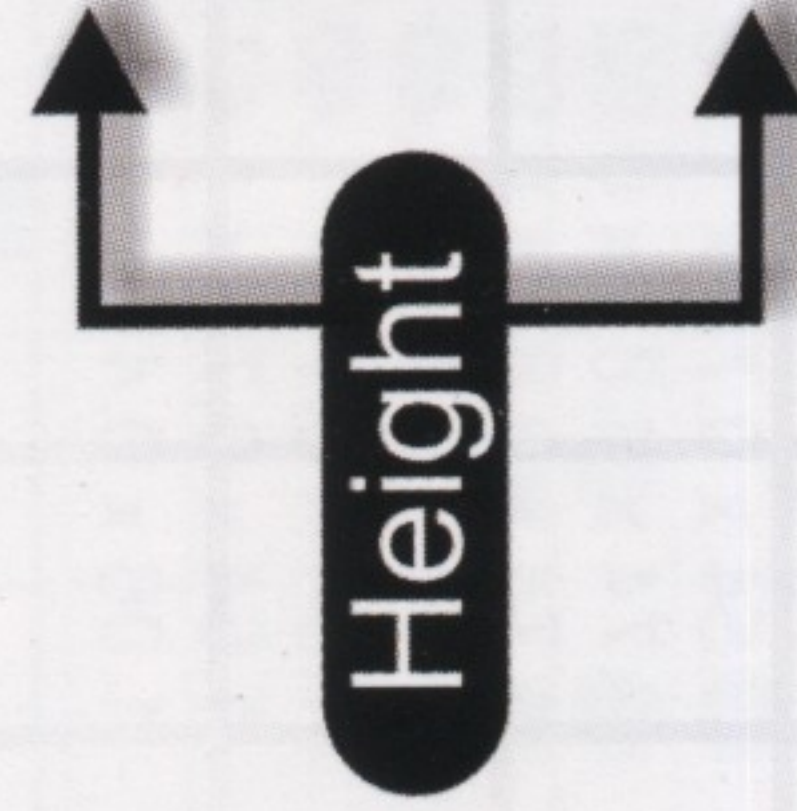
92186Z PCM  
92085Z FM



Length



Width



Height

## AIRCRAFT RECEIVERS

## Weight

## L x W x H in

92777Z	7 Ch FM Dual Conversion	2.275 x 0.971 x 0.936	31 grams
92778Z	8 Ch FM Dual Conversion	2.501 x 1.056 x 0.932	34 grams
92085Z	8 Ch FM Dual Conversion	2.498 x 1.494 x 0.795	43.5 grams
92186Z	8 Ch PCM Dual Conversion	2.498 x 1.494 x 0.795	43.5 grams
92515Z	5 Ch FM Single Conversion	1.662 x 1.065 x 0.859	18.5 grams



**SURFACE RECEIVERS**

**L x W x H in**

**Weight**

27 MHz	75 MHz				
92727Z	92726Z	2 Ch Super Micro N/B	AM	1.42 x 0.98 x 0.85	15 grams
92827Z	92826Z	2 Ch Super Micro N/B	FM	1.42 x 0.98 x 0.85	17 grams
92837Z	92836Z	3 Ch Super Micro N/B	FM	1.66 x 1.06 x 0.85	18.5 grams
92927Z	92875Z	7 Ch Dual Conversion	FM	2.27 x 0.97 x 0.93	31 grams
	92885Z	8 Ch Dual Conversion	FM	2.50 x 1.05 x 0.93	34 grams
	92926Z	3 Ch Synthesized	FM	1.66 x 1.06 x 0.63	18.5 grams



92826Z  
92827Z



92875Z



92836Z  
92837Z



92885Z



92927Z  
92926Z



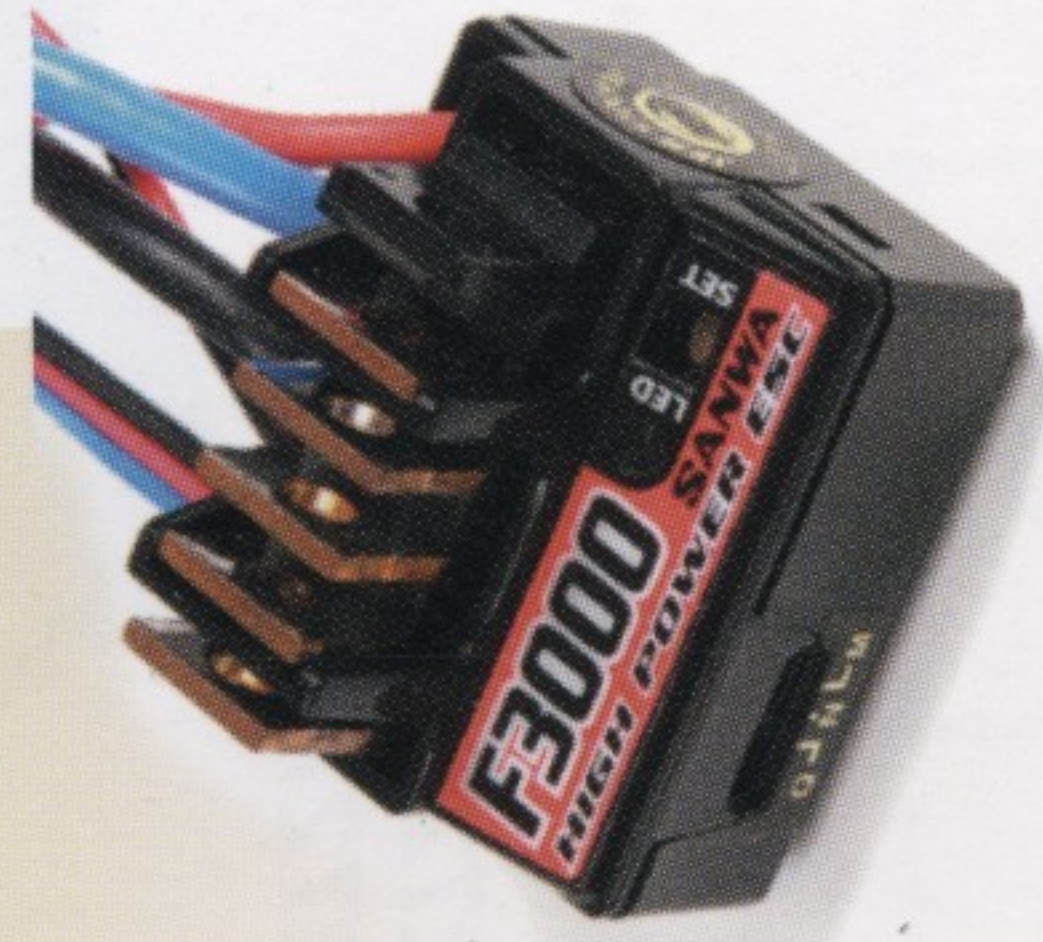
92726Z  
92727Z

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
05	06	07	08	09	10	11
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# SC SPEED CONTROLLERS

## SURFACE ESC



**F-3000 SURFACE Speed Controller 96317Z**

**Dimensions:** - 1.80"x1.60"x1.02"  
**Surge Current:** - 2000 Amps  
**Continuous Current:** - 500 Amps  
**Loss Resistance:** - 0.7mOHM  
**Total Weight** - 1.94oz  
**Voltage** - 7.2 ~ 8.4  
**Motor Limit-** 10 Turn

**Features:** Micro Light Weight FET High Frequency ESC. Super Smooth acceleration and is well protected against overload or overheating. Get one step in front of the pack with the F3000 ESC. 3 Programmable Acceleration Modes.



**F-2000 SURFACE Speed Controller 96316Z**

**Dimensions:** - 1.80"x1.60"x1.02"  
**Surge Current** - 800 Amps (Forward)  
 400 Amps (Reverse)  
**Continuous Current** - 200 Amps (Forward)  
 100 Amps (Reverse)  
**Loss Resistance** - 3.5mOHM (Forward)  
 7mOHM (Reverse)  
**Total Weight** - 1.94oz  
**Voltage** - 7.2 ~ 8.4  
**Motor Limit-** 13 Turn

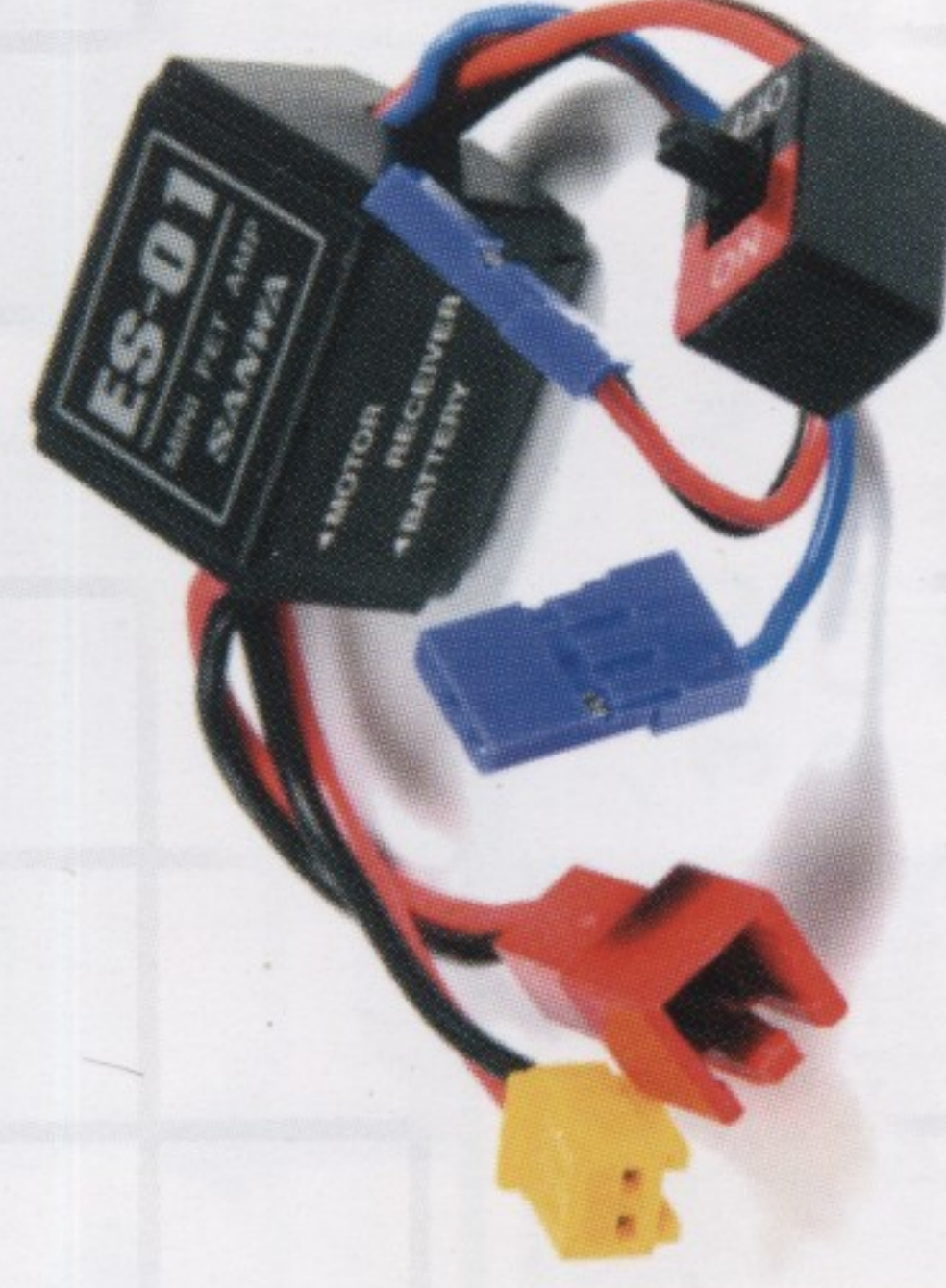
**Features:** Micro Light Weight FET High Frequency ESC with Reverse. Super Smooth acceleration and is well protected against overload or overheating. Reverse Cancellation and accelerations can all be adjusted just by using the set button and LED light on the controller. Get one step in front of the pack with the F2000 ESC. 3 Programmable Acceleration modes.



**BL-RACER SURFACE Speed Controller 96305Z**

**Dimensions:** - 1.80"x1.60"x1.02"  
**Surge Current** - 360 Amps (Forward)  
 180 Amps (Reverse)  
**Continuous Current** - 90 Amps (Forward)  
 45 Amps (Reverse)  
**Loss Resistance** - 4.5mOHM (Forward)  
 9mOHM (Reverse)  
**Total Weight** - 1.94oz  
**Voltage** - 7.2 ~ 8.4  
**Motor Limit-** 18 Turn

**Features:** Micro Light Weight FET High Frequency ESC with Reverse. Super Smooth acceleration and added protection against overload or overheating. Reverse Cancellation can be adjusted just by using the set button and LED light on the controller. Stop wasting energy with a mechanical speed controller. Get into an Electronic Speed Controller with the BL-RACER.

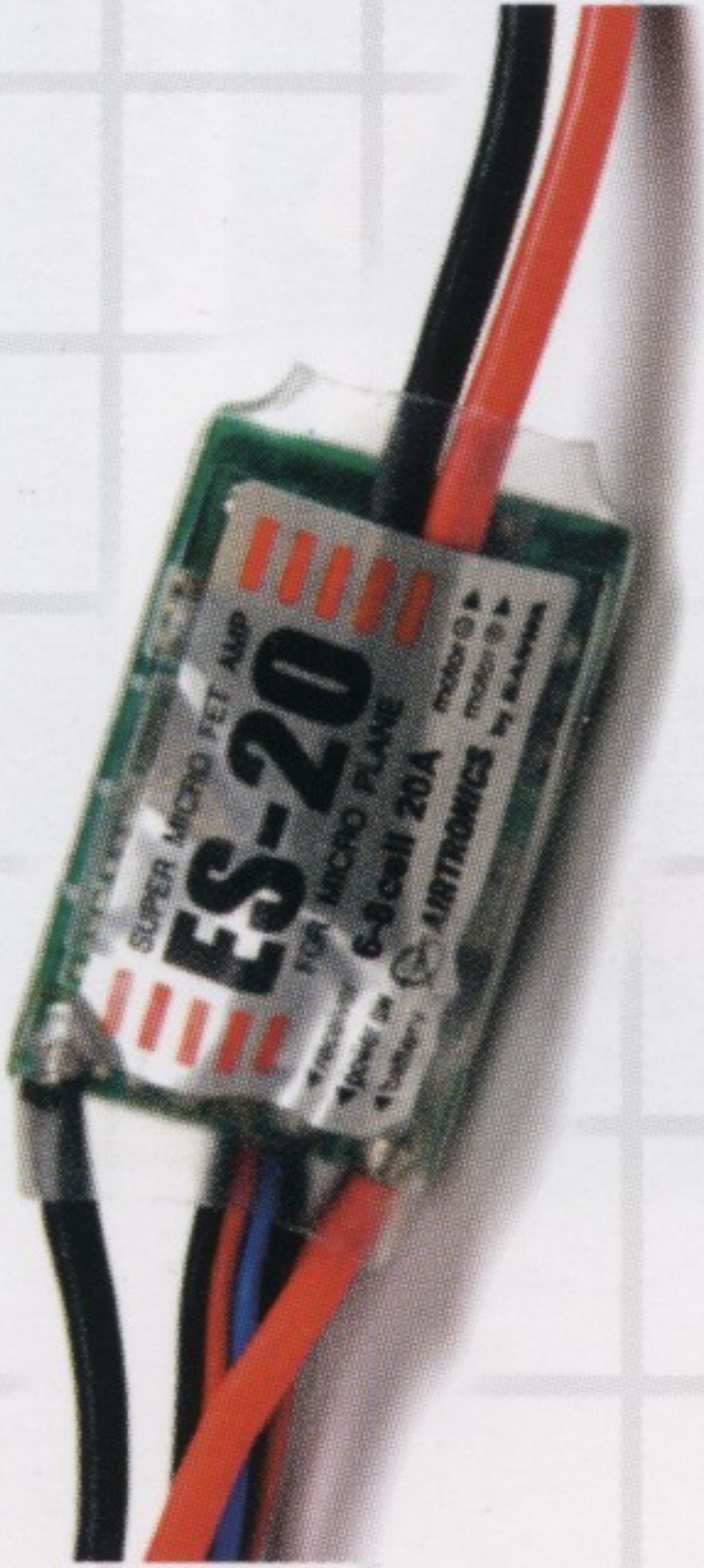


**ES-01 SURFACE Speed Controller With Reverse 96301Z**

**Dimensions:** - 0.87"x0.73"x0.67"  
**Total Weight** - 0.35oz  
**Voltage** - 6.0 ~ 7.2  
**Power Rate** - 12  
**Loss Voltage** - 0.4v (2A)

**Features:**  
 Forward and reverse  
 Mini FET Amp  
 Power Switch, Motor, Battery Receiver Plugs, Super Lite Wight





**96333Z AIRCRAFT Speed Controller**

Dimensions: - 1.375"x0.87"x0.48"  
 Resistance: - 0.006  
 Total Weight - 0.19 grams  
 Voltage - 7.2 ~ 9.6  
 Maximum Amp: - 88A  
 Continuous: - 20A

Auto Cut Off and BEC circuitry.



**96334Z Super Micro AIRCRAFT Speed Controller**

Dimensions: - 1.00"x0.50"x0.25"  
 Resistance: - 0.0035  
 Total Weight - 0.15 grams  
 Voltage - 7.2 ~ 9.6  
 Maximum Amp: - 120A  
 Continuous: - 20A  
 Power Cutoff - 4.8 ~ 5.0V

With the ever growing popularity of backyard flyers, Airtronics has a speed controller with variable speed that is not only small but light weight with Auto Cut Off and BEC circuitry.

# ALB Booster



**ALB Booster SURFACE Attention Car Racers! 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 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!

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
03	04	05	06	07	08	09
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						



# TX BATTERIES



95010

Vanguard / Quasar / Radiant  
VG Series / RD Series  
Transmitter NiCd 600mAh



95011

XL2P / CS2P  
Transmitter NiCd 500mAh



95017

Infinity  
Transmitter NiCd 600mAh



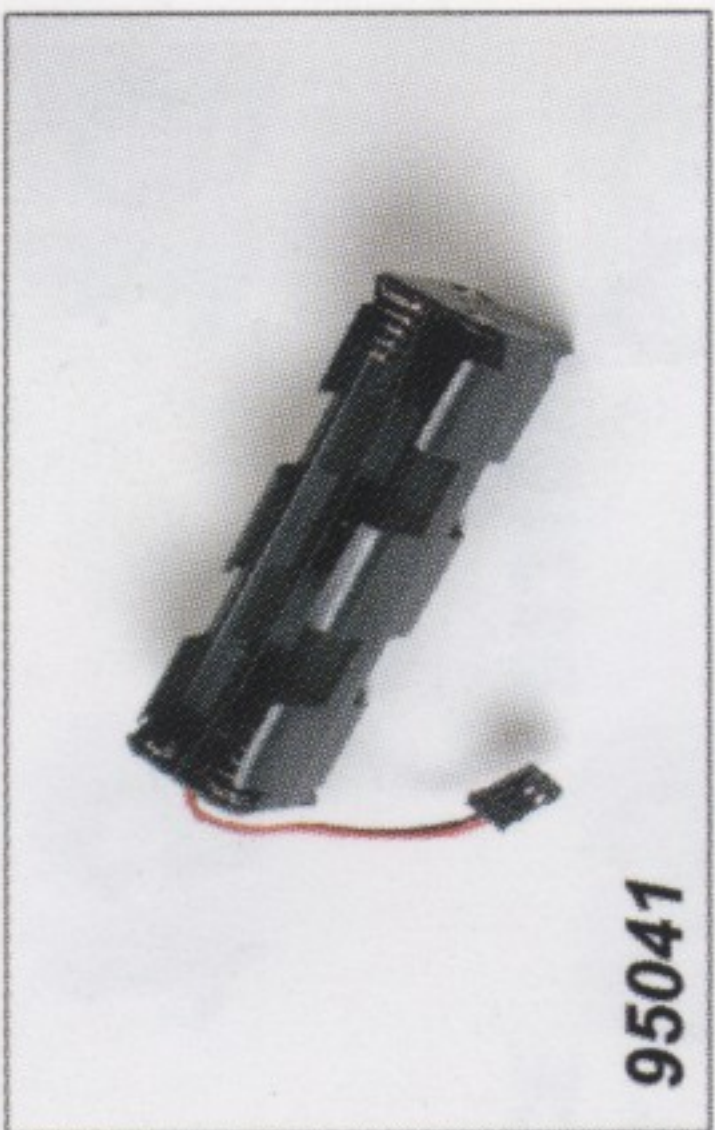
95018

Infinity  
Transmitter NiCd 1100mAh



95019

CX2P / Caliber 3PS  
Transmitter NiCd 700mAh



95041

Vanguard / Quasar / Radiant  
VG Series / RD6000 Series  
Transmitter Dry AA Battery Holder



95042

XL2P / CS2P  
Transmitter Dry AA Battery Holder



95044

CX2P / Caliber 3PS  
Transmitter Dry AA Battery Holder



95046Z

MX-3  
Transmitter NiCd 700mAh



95048

Stylus / M8  
Transmitter Dry AA Battery Holder



95049Z

MX-3  
Transmitter Dry AA Battery Holder



95050  
95051

Stylus / M8  
Tx NiCd 700mAh  
Tx NiCd 1100mAh



95052

Vanguard / Quasar / Radiant  
VG Series / RD Series  
1100 mAh



95090

Sport Pack TX  
700mAh Vanguard / Quasar / Radiant  
VG Series / RD Series



Dual Charger  
110v 75mA 9.6 / 4.8 Charger  
95033Z

# RY BATTERIES





95001Z  
4.8v 100 mAh  
4 Cell Square Receiver Battery



95002Z  
4.8v 270 mAh  
4 Cell Flat Receiver Battery



95003Z  
4.8v 600 mAh  
4 Cell Square Receiver Battery



95004Z  
4.8v 600 mAh  
4 Cell Flat Receiver Battery



95005Z  
4.8v 1200 mAh  
4 Cell Flat Receiver Battery



95006Z  
4.8v 500 mAh  
4 Cell Flat Receiver Battery



95007Z  
6.0v 600 mAh  
5 Cell Flat Receiver Battery



95008Z  
4.8v 700 mAh  
4 Cell Flat Receiver Battery



95009Z  
4.8v 700 mAh  
4 Cell Square Receiver Battery



95025Z  
4.8v 1100 mAh  
4 Cell Flat Receiver Battery



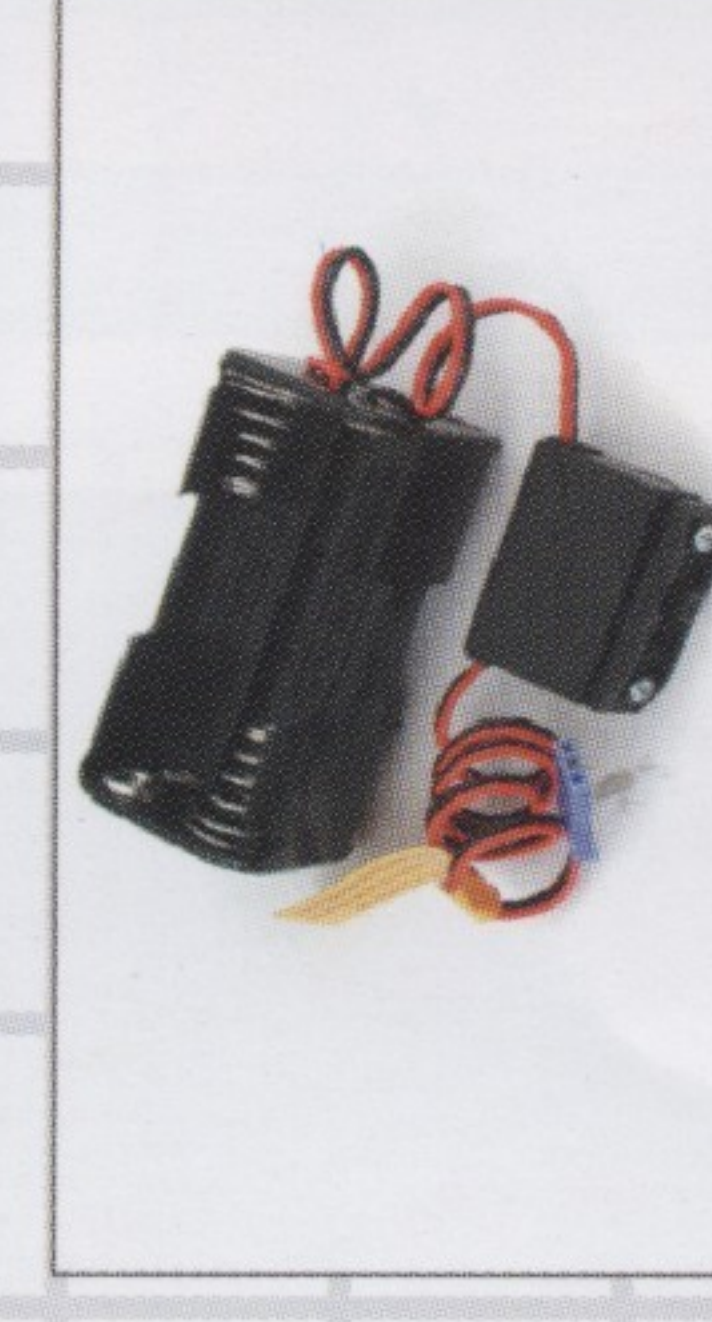
95026Z  
4.8v 2000 mAh  
4 Cell Flat Receiver Battery



95040Z  
4 Cell Dry AA Battery  
Holder



95043  
4 Cell Dry AA Battery  
Holder with B.E.C. Plug



95045Z  
4 Cell Dry AA Battery  
Holder with Switch



95098Z  
Sport Pack 700mAh  
4 Cell Flat Receiver Battery

Part #	Dimensions in.	oz / grams
95001Z	1.14 X 1.13 X 0.77	1.07 / 30.5
95002Z	2.25 X 1.29 X 0.58	1.83 / 52
95003Z	2.04 X 1.12 X 1.12	3.14 / 89
95004Z	2.28 X 2.05 X 0.57	3.10 / 88
95005Z	3.61 X 1.79 X 0.91	7.48 / 212
95006Z	2.75 X 1.27 X 0.67	2.70 / 76.5
95007Z	3.38 X 1.26 X 0.69	3.35 / 95
95008Z	2.27 X 2.05 X 0.57	3.25 / 92
95009Z	2.05 X 1.13 X 1.13	3.17 / 90
95025Z	2.73 X 1.84 X 0.70	4.23 / 120
95026Z	4.09 X 2.07 X 1.03	11.45 / 326
95098Z	2.28 X 2.05 X 0.56	3.10 / 88

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
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28	29	30				



# TX SYSTEM FEATURES

AIRCRAFT	Aircraft Systems	Aircraft Sailplane Helicopter	Transmitter Modulation			Computer System	Servo Reverse	D/R Dual Rate			Expo Exponential			Plug-in RF Module	EPA End Point Adjustment								
			PPM FM	PCM FM	PPM -INV			EL	AI	RU	EL	AI	RU		EL	AI	RU	TH	FL	GG	LG	AUX 1	AUX 2
			RD8000	A,S,H	✓			✓	✓	✓	✓	✓	✓		H	✓	✓	H	✓	✓	✓	✓	✓
RD6000 Super	A,S,H	✓	✓	✓	✓	✓	✓	✓	H	✓	✓	H	✓	✓	✓	✓	✓	H	A	✓	✓		
VG 6000	A	✓			✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓				✓		
VG 400	A	✓			✓	✓																	
VG 600	A	✓			✓	✓							✓	✓	✓	✓	✓						

STYLUS	Stylus Standard System Features		Stylus Standard System Features For Power Aircraft	Stylus Standard System Features For Sailplane	Stylus Standard System Features For Helicopter
	End Point Adjustment Servo Centering Servo Reversing Dual Rates Alternate Setup Trim Memory Switch Assignability Voltage Display Stopwatch / Timer Mode I/II Selection Modulation: PPM/FM PPM/PCM PPM/FM Invert	4 Model Memory Model Naming Model Reset Model Copy Feature Card Access Plug-in Module Display Switch Direct Servo Controller Fail Safe (PCM Mode) Battery Fail Safe Low Voltage Alarm Switch Position Alarm Contrast Adjustment Exponential	Exponential 4 Snap Roll Programs 2 Bi-Directional Mixing 3 Compensation Mixing Elevator/Flap Mixing Flap/Elevator Mixing Spoileron Mixing Aileron Differential Spoiler/Elevator Mixing Cross Trims Twin Throttle Option 2 Aileron/Rudder Mixers	Flight Mode Switch 3 Elevator Presets Aileron Differential Landing Differential 3 Aileron/Rudder Mixing Flap/Elevator Mixing Camber/Elevator Mixing Spoiler/Elevator Mixing Elevator/Camber Mixing Crow Mixing V-Tail Mixing Gear/Elevator Mixing 2 Aileron Servo Capability	Exponential Response 4 Flight Modes 4 Pitch Curves ( 5 Point ) 3 Throttle Curves ( 5 Point ) Flight Mode Trim Offsets 4 Revolution Mixers Throttle Hold Hovering Throttle Trim Hovering Pitch Trim High Pitch Trim Low Pitch Trim 1 Compensation Mixer

STYLUS FEATURE CARDS	 96811 Stylus Acro Card Features	 96803 Stylus Glider Card Features	 96813 Stylus Helicopter Card Features
	Servo Movement Analysis Screen Throttle Curves 2 Idle ups 5 Multi Point Compensation Mixers Expo for Ailerons, Elev and Rudder VTR for Ailerons, Elev and Rudder End Point Adjustment Triple Rate Aileron Triple Rate Elevator Dual Rate Rudder 4 Snap Roll Programs 5 Compensation Mixers Programmable Comp Delays 3 Bi-Directional Mixers Gain Control for Bi-Directional Mixers Elevator/Flap Mixing Flap/Elevator Mixing Spoileron Mixing Aileron Differential Spoiler/Elevator Mixing Elevator/Flaperon Mixing Fun Fly Mixing Dual Aileron Dual Elevator Ailvator Aileron/Elevator Mixing Twin Throttle Option Twin Landing Gear Throttle Hold for Twin Throttles 2 Alternate Set Ups Cross Trims Ail, Rud / Thr, Elev Trim Authority Adjustment Automatic Trim Offset Dynamic Trim Memory Assignable Auxiliary Controls Assignable Stick Switches Programmable Mixing Delays Programmable Channel Delays 4 Flight Modes	Expo for Ailerons, Elev and Rudder VTR for Ailerons, Elev and Rudder Dual Rate Aileron, Elev and Rudder 3 Position Flight Mode Switch 3 Elevator Presets Aileron Differential Launch Differential 2A 2F E R Aircraft Template 2A/2F<->E R Aircraft Template 2A IF E R F5B Aircraft Template 3 Aileron/Rudder Mixing Aileron/Flap Mixing Flap/Elevator Mixing Camber/Elevator Mixing Spoiler/Elevator Mixing Gear/Elevator Mixing Elevator/Camber Mixing Crow Mixing / V-Tail Mixing 3 Compensation Mixers Comp Programmable Delays Trim Authority Adjustment Automatic Trim Offset Dynamic Trim Memory Assignable Auxiliary Controls Assignable Stick Switches Programmable Flight Mode Delays Programmable Mixing Delays Programmable Channel Delays	Expo for Pitch, Roll and Tail Rotor VTR for Pitch, Roll and Tail Rotor Triple Rate Aileron Triple Rate Elevator Dual Rate Rudder 5 Flight Modes 5 Five Point Pitch Curves 4 Five Point Throttle Curves Throttle Hold Trim Offsets for each Flight Mode Automatic Trim Offset 9 Compensation Mixers 4 Normal Comp Mixers and 5 Comp Mixers with Curves Programmable Comp Delays 1 Bi-Directional Mixer Gain Control for Bi-Directional Mixer Hovering Throttle Hovering Pitch High Pitch Trim Low Pitch Trim 2 Gyro Gains for each Flight Mode Programmable Flight Mode Delays Programmable Channel Delays Dynamic Trim Memory Assignable Auxiliary Controls Assignable Stick Switches Throttle Stick Position Alarm Mixing Delays 2 Alternate Setups 9 Swash plate Types Servo Limit CCP Mixing CCPM Delays CCPM Linear Adjustment CCPM End Point Adjustment CCPM Servo Delay Internal / Timer



Digital Trims	Servo Centering	Model Memory	Trim Authority	Idle-up Warning	Dual Elev Servo	Aileron to Rudder	Rudder to Aileron	Elevator to Flap	Throttle to Elev	Rudder to Elev	Flap to Elevator	Delta Flying Wing with Elevons	V-Tail Rudder / Elevator Mix	Flaperons Flap / Aileron Mix	Compensation Mixes	Spoiler Mix	Revolution Mix	CCPM Mixing	Throttle Curve Adjustment	Dynamic Trim Memory	Idle Up	Pitch Curve Adjustment	Invert Switch	Throttle Hold	Gyro Sensitivity Helicopter	Trim Memory	Stopwatch & Internal Timer	Flight Modes Helicopter	Throttle Stick High Warning	Data Copy	Adjustable Length Sticks	Adjustable Tension Sticks	Trainer System	Alternate Select Switch
✓	✓	10	✓	H	✓	✓	✓	✓	✓	✓	A,S	A,S	A,S	A,S	2	✓	H	H	H	H	H	✓	✓	✓	✓	✓	4	✓	✓	✓	✓	✓	✓	✓
✓	✓	8	✓	H	✓	✓	✓	✓	✓	✓	A,S	A,S	A,S	A,S	2	✓	H	H	H	H	H	✓	✓	✓	✓	✓	4	✓	✓	✓	✓	✓	✓	✓
✓	✓	4	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓											✓	✓			✓	✓	✓	✓	✓	✓

**Legend:**

- EL = Elevator
- AL = Aileron
- RU = Rudder
- TH = Throttle
- FL = Flap
- GG = Gyro Gain
- LG = Landing Gear
- = 5 Point Mixing
- = 4 Gain Adjustments
- A = Airplane Only
- S = Sailplane Only
- H = Helicopter Only

## SURFACE RADIO SYSTEMS

Surface System Features	M8	Super EXZES	MX-3S	MX-3	MX-A	Blazer Sport D/R	Avenger 2X	VG 400	VG 600
Computer System	✓	✓	✓	✓	✓				
AM / FM	FM	FM	FM	FM	AM	AM	AM	FM	FM
Channels	3	3	3	3	2	2	2	4	6
Servo Reversing	✓	✓	✓	✓	✓	✓	✓	✓	✓
Battery meter	✓	✓	✓	✓	✓				
Throttle Trim	✓	✓	✓	✓	✓	✓	✓	✓	✓
Steering Trim	✓	✓	✓	✓	✓	✓	✓	✓	✓
Throttle EPA	✓	✓	✓	✓	✓			✓	✓
Steering EPA	✓	✓	✓	✓	✓				✓
Throttle Expo	✓	✓							
Steering Expo	✓	✓							
Steering Dual Rate	✓	✓	✓	✓	✓				
Sub Trim	✓	✓	✓	✓	✓				
Trim Rate	✓	✓							
Trim Reset	✓	✓							
Model Memory	10	10	18	5	12				
Battery Alarm	✓	✓	✓	✓	✓		✓		
Wheel Tension Adjustment	✓								
Left Hand Adaptable	✓								
Throttle Trigger Adjustment	✓		✓	✓	✓	✓			
Charging Jack	✓	✓	✓	✓	✓	✓	✓	✓	✓
Starting Position Switch	✓	✓							
Command Signal (Volume)	✓	✓							
LCD Contrast	✓	✓							
Key Lock	✓	✓							
Direct Servo Controller	✓	✓							
Digital Trims	✓	✓	✓	✓	✓				
Response Control Switch	✓	✓							
Color LED Power Indicator	✓	✓				✓	✓	✓	✓
Adjustable Grip Length	✓	✓							
Stopwatch with Alarm	✓	✓							
ARC Throttle			✓	✓	✓				
ARC Steering			✓	✓	✓				
Trainer System								✓	✓
27 MHz	✓	✓	✓	✓	✓	✓	✓		
75 MHz	✓		✓	✓	✓	✓	✓	✓	✓
50 MHz ( 6 Meter)									
ALB ( Anti Lock Brake )	✓								
Optional Synthesized Module	✓								
Synthesized			✓						





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