

**TAKE
YOUR CHOICE
...you'll be
a winner!!!**

Whether it be a power plane or a sailplane, whether you're a novice, ready for competition, or somewhere in between we have the model for you. All of our Airtronics kits include precision machined parts, premium grade materials and complete hardware. The Airtronics sailplane kits are world famous for outstanding design features and for their excellent flight characteristics which present a challenge for everyone.

POWER FLYING



S-Tee • High-performance version of the Q-Tee!

3-channel conversion for throttle control. Shoulder wing design for aerobatics. Uses all Cox .049 engines. Wingspan: 36", length: 29".



Warlock .05 • Advanced 3-channel in 1/2A sport pattern!

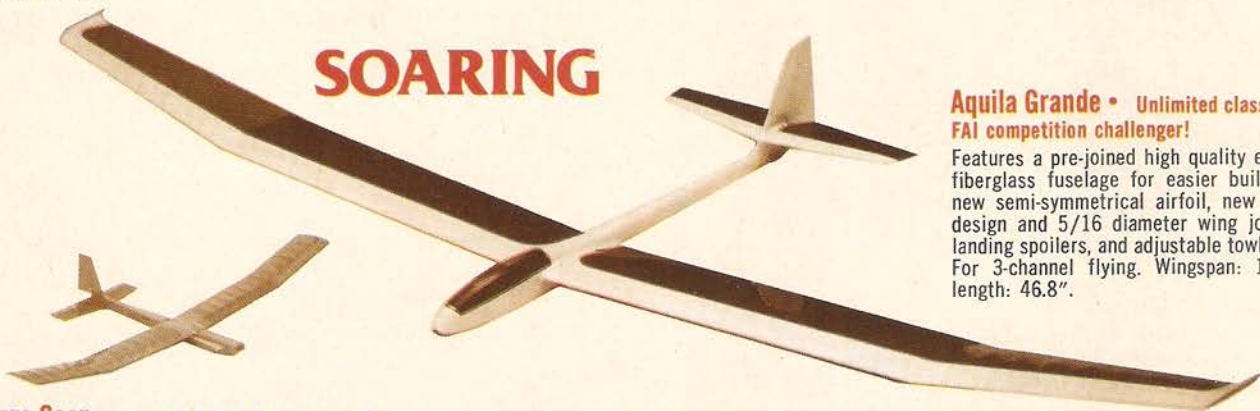
This sleek distinctive model is legal for 1/2A pylon competition. Power with T.D. .051. Wingspan: 32.5", length: 29.25".



Warlock .40 • Full 4-channel aerobatics in .40 size sport pattern!

This highly prefabricated model is fully stuntable with easy handling. For popular front rotor .40 cu. in. engines. Wingspan: 52", length: 41".

SOARING



Square Soar • Easiest to build for beginners!

High-strength plywood fuselage and pop-off surfaces make this plane resistant to crash damage. For slope or thermal flying with standard Hi-Start. Wingspan: 72", length: 34.6".



Super Questor • High-performance model for 2-meter class competition!

Designed for thermal or slope flying. Highly prefabricated for quick building. Two-piece wing for easy transport. Wingspan: 80", length: 45.5".



Olympic II • The trainer that wins contests!

Designed for quick and fast assembly. Rugged construction with pop-off wing mounting. Large wing area for slow floating glide. Easy construction. Wingspan: 99.9", length: 49".



Aquila • World Champion 1977-78!

Most successful competition sailplane in the world. Features landing spoilers, adjustable tow-hook, high level of pre-fabrication. For 2 or 3-channel radio. Wingspan: 99.9", length: 46.2".



AIRTRONICS
A DIVISION OF LEISURE DYNAMICS HOBBIES, INC.

12160 Woodruff Ave.
Downey, CA 90241
Telephone: (213) 862-6583

FOR SENSATIONAL FLYING BUY AIRTRONICS ... AT YOUR DEALER TODAY!



SKIP MILLER SOARS TO VICTORY ON THE WINGS OF THE AQUILA GRANDE!

Airtronics designs captured top honors in the 1979 League of Silent Flight International Tournament. This grueling three-day multi-task competition between 100 of the country's best sailplane pilots once again proved the championship quality of the Aquila and Aquila Grandé.

Skip Miller of Boulder, Colorado, won first place overall and first in unlimited class, flying an Aquila Grandé with a Cox/Sanwa Medalist radio.

Hoyt Holley of Bethel, Connecticut, won first place overall duration plus first in standard class flying an Aquila.

Tim Renaud of Irvine, California, won first in junior class with an Aquila Grandé and Cox/Sanwa Medalist radio.

The Aquila Grandé is the latest addition to our outstanding line of Airtronics kits. Designed for multi-task, unlimited class competition, the Grandé has already established its championship performance. It can help you to join the winner's circle.

Check out the outstanding features of these great kits and radio systems at your local hobby shop.



AIRTRONICS

A subsidiary of Leisure Dynamics, Inc., 1505 East Warner Ave., Santa Ana, Ca. 92702

AIRTRONICS



puts you in complete control...

AIRTRONICS XL SERIES RADIO CONTROL SYSTEMS, A NEW LINE OF RADIOS ENGINEERED TO SATISFY THE REQUIREMENTS OF TODAY'S MORE SOPHISTICATED PILOTS.

Designed and produced in the best of Sanwa and Airtronics' tradition, using the latest IC technology of Signetics, our new XL Series Radio Control System is an outstanding value. Our radios incorporate many features found only in the most expensive, professional

level radios and at a price usually associated with simple sport radios.

Here today is your transmitter of the future... see it at your hobby shop. You will be immediately aware of its superior control features the first time you use it.

We know that you'll be impressed when you check these features:

- ✓ Contemporary styled metal housing with brushed aluminum finish for all systems.
- ✓ New stick assemblies with open gimbal design and dust closures. External tension and stick length adjustments let you customize stick feel to suit your own touch.
- ✓ Plug-in RF module with plug-in receiver crystal for convenient frequency change. Compatible with all existing or proposed AMA/FCC frequencies.
- ✓ Linear and exponential control functions on all systems.
- ✓ Exponential function includes convenient servo throw adjustment.
- ✓ Servo reversing switches on all channels of all systems.
- ✓ Conductive plastic potentiometers with multiple wipers for increased reliability on all stick functions.
- ✓ New wheel control system with throttle/brake centering, posi-grip wheel rim, including plug-in RF module and servo reversing switches is available for car and boat applications.
- ✓ All 2, 3, and 4 channel systems are designed to be factory expandable up to 6 channels as your needs require.
- ✓ For easy accessibility all secondary controls are concealed behind access panel on front of transmitter.



ACTUAL SIZE

XL SERIES RECEIVER Part No. 92740—included with system

- Totally new and improved RF design for better range and interference rejection. Double-tuned front end provides less than 2.0 microvolt typical sensitivity.
- Designed around the Signetics NE 5045 IC decoder.
- New sub-miniature connectors with gold-plated contacts for extra reliability. Housings are positively keyed to ensure proper alignment.
- Epoxy-glass printed circuit board with plated thru holes for aerospace quality and reliability. All components conformal coated for maximum vibration resistance.
- Plug-in crystal permits easy frequency change.
- Size is only 0.8" x 1.35" x 2.37", including plug-in connector block. Total volume is less than 2.5 cubic inches.
- Weight is less than 1.4 ounces (39.5 grams).
- Available on all 72, 27, and 53 MHz frequencies.



ACTUAL SIZE

MINI SERVO Part No. 94421—included with system

- The normal servo provided with all XL Systems is a completely new design with advanced electronic and mechanical features.
- New totally enclosed motor features gold plated brushes and cupro-silver alloy commutator for maximum reliability and long life.
- New conductive plastic potentiometer with multi-contact wiper design provides high resolution and extremely long life.
- Epoxy-glass printed circuit board with plated-thru holes for aerospace quality and reliability. All components conformal coated for maximum vibration resistance.
- Overall dimensions 0.7" x 1.15" x 1.44". Total volume less than 1.2 cubic inches. Weight: less than 0.9 oz. (26.5 gms).
- High power output, 29.5 ounce-inch torque. Plenty of power for all normal applications.
- Fast transit time — less than 0.4 seconds for full 90° travel.
- Exclusive splined output shaft provides vernier neutral position adjustment.

SERVICE

The XL Series radios have been designed and thoroughly tested by experienced modelers to assure quality performance. Over the years we've learned, too, that the servicing of a product is equally as important as its performance. We are dedicated to providing you with service that will maintain your Airtronics R/C system at the same high level of operation for which it was originally designed.

FULL ONE YEAR LIMITED WARRANTY ON ALL XL SYSTEMS

For Airtronics' products see your local hobby shop. They are well prepared to answer your questions and provide you with assistance.

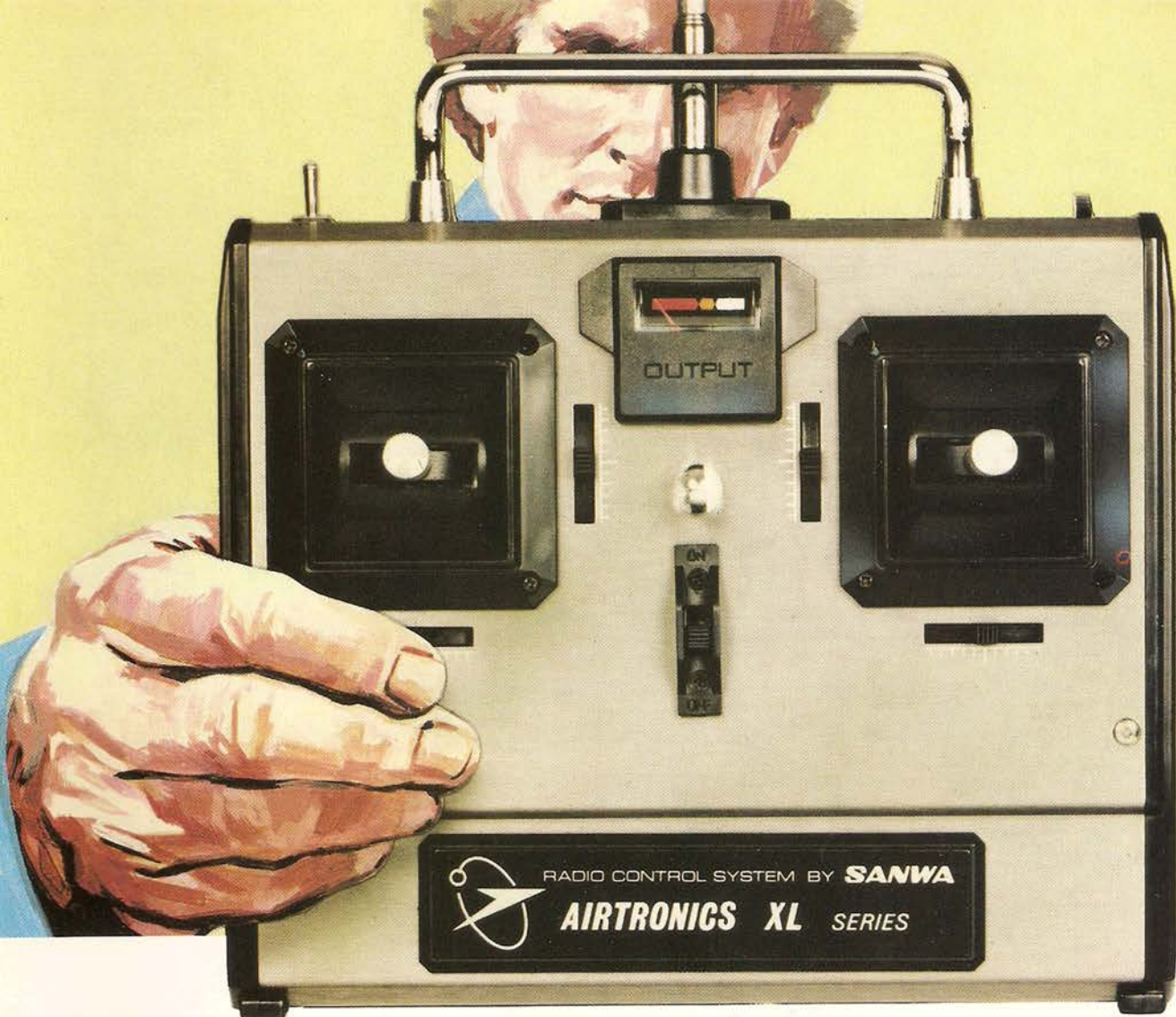


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12160 Woodruff Avenue, Downey, California 90241

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A DIVISION OF LEISURE DYNAMICS HOBBIES, INC.



COMPARE AND SEE THE DIFFERENCE!

The Airtronics XL Series Radio Control Systems, using the latest IC technology of Signetics, can be fairly compared only to very expensive, professional level radios. Available in 2, 3, 4 and 6 channel systems, all of which are factory expandable up to 6 channels as your needs require.

Check these features and COMPARE the price!

- Contemporary brushed aluminum finish housing.
- New stick assemblies — open gimbal design and dust enclosures — plus external tension and length adjustments.
- Servo reversing switches on all channels.
- Plug-in RF module/plug-in receiver crystal for convenient frequency change.
- Linear and exponential control functions.
- Exponential function includes convenient throw adjustment.
- Conductive plastic potentiometers with multiple wipers — increases reliability on all stick functions.

- New wheel control system with throttle/brake centering, posi-grip wheel rims — plus RF module and servo reversing switches — for car and boat applications.

Complementing this quality XL transmitter is the new airborne system. New receivers, servo connectors, and accessories provide exciting performance features. Sub-miniature receiver volume is less than 2.5 cubic inches and weighs less than 1.4 ounces. New double tuned front end provides superb sensitivity. New miniature servo has plenty of power — almost 30 inch-ounces of torque — plus fast transit time. Weighs less than .9 ounces.

The best way to convey the quality of the Airtronics XL System is by comparison . . . you'll see the difference!

Airtronics . . . it's the difference between "great" and "sensational"!

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Designed and produced to the same high standards of quality and performance that have made AIRTRONICS kits world famous, our new XL Series is an outstanding value. These new generation radio systems use the latest IC technology of Signetics, backed by the experience and design skills of Sanwa and Airtronics. The

radios provide many of the features previously found in the most expensive, professional level radios at prices normally associated with simple sport radios.

Take a look at the future today! Visit your local hobby shop and get your hands on one of our new transmitters.

We know that you'll be impressed when you check these features:

- Contemporary styled metal housing with brushed aluminum finish for all systems.
- New stick assemblies with open gimbal design and dust closures. External tension and stick length adjustments let you customize stick feel to suit your own touch.
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- All 2, 3, and 4 channel systems are designed to be factory expandable up to 6 channels as your needs require.

A TOUCH OF CLASS — For your convenience and easy accessibility all secondary controls are concealed behind this access panel located on the front of the transmitter. This feature, previously found only on much higher priced R/C Systems, eliminates the need of removing the back panel to make adjustments... and provides you with more time for flying.



To match the advanced features and technology of the transmitter all XL Series Radios include a brand new airborne system. New receivers, servo connectors and accessories have been designed which provide exciting new performance features.

The subminiature receiver volume is less than 2.5 cubic inches and weighs less than 1.4 ounces. Brand new IC technology and a double tuned front end provide superb sensitivity, and we've created a new miniature servo which is furnished as standard with all systems. It has plenty of power — almost 30 inch-ounces of torque — plus fast transit time in a package which weighs less than .9 ounces.

In addition we have a complete line of special purpose servos for every application.

Please watch for our ads in the coming months for more detailed descriptions of these items.

SERVICE

The XL Series radios have been designed and thoroughly tested by experienced modelers to assure quality performance. Over the years we've learned, too, that the servicing of a product is equally as important as its performance. We are dedicated to providing you with service that will maintain your Airtronics R/C system at the same high level of operation for which it was originally designed.

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