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1993 CATALOG OF COMPLETE SYSTEMS • KITS & ACCESSORIES

WHY MILLIONS OF R/C MODELERS LIKE YOU CHOOSE AIRTRONICS.

CHOOSING THE RIGHT RADIO CONTROL (R/C) MODELING EQUIPMENT REPRESENTS AN IMPORTANT INVESTMENT. NOT ONLY DO YOU WANT THE BEST POSSIBLE PERFORMANCE FOR YOUR DOLLAR, BUT YOU WANT THE ASSURANCE THAT THE MANUFACTURER STANDS BEHIND THE PRODUCT WITH A SOLID WARRANTY, AND MORE IMPORTANTLY IS KNOWLEDGEABLE AND READY TO HELP YOU GET THE MOST ENJOYMENT AND SATISFACTION

FROM YOUR EQUIPMENT AND YOUR PARTICULAR HOBBY. YOU ALSO WANT YOUR INVESTMENT PROTECTED BY BEING ABLE TO EASILY AND ECONOMICALLY UPGRADE THAT EQUIPMENT AS YOUR SKILLS AND TECHNOLOGY CHANGE.

SINCE 1971, MILLIONS OF MODELERS LIKE YOURSELF HAVE CHOSEN, AND CONTINUE TO

CHOOSE, AIRTRONICS EQUIPMENT FOR THEIR R/C HOBBY NEEDS. WHY? FIRST THERE'S THE COMPLETE SELECTION OF INNOVATIVE, PROFESSIONAL QUALITY DESIGNED AIRTRONICS PRODUCTS. WHETHER YOU FLY AIRCRAFT, OR RACE CARS OR BOATS, THERE'S AN AIRTRONICS R/C SYSTEM OR ACCESSORY THAT WILL ADD MORE PLEASURE AND ENHANCED PERFORMANCE TO YOUR HOBBY.

AND REGARDLESS IF YOU'RE A PROFESSIONAL COMPETITOR, A WEEK-END ENTHUSIAST, OR JUST LEARNING AND GETTING THE EXHILARATING FEEL OF THIS DYNAMIC AND EXCITING HOBBY, AIRTRONICS HAS THE RIGHT R/C EQUIPMENT FOR YOU.

AIRTRONICS PERSONAL INTEREST POLICY INSURES YOUR SATISFACTION.

IN ADDITION TO A COMPLETE SELECTION OF QUALITY R/C SYSTEMS AND ACCESSORIES, WHAT REALLY SETS AIRTRONICS APART FROM THE COMPETITION IS AIRTRONICS' DEDICATION TO PERSONAL SERVICE. WE CALL IT OUR "PERSONAL INTEREST" POLICY. EVERYONE YOU DEAL WITH AT AIRTRONICS IS INTERESTED IN "HANDS-ON" R/C MODELING. WE SPEAK YOUR LANGUAGE. WE UNDERSTAND YOUR NEEDS, AND WHAT YOUR HOBBY MEANS TO YOU. WE ARE COMMITTED TO R/C MODELING... AND DEDICATED TO SERVICING AND SATISFYING YOUR HOBBY NEEDS.

MULTIPLE NATIONAL AND WORLD TITLE HOLDER GIL LOSI JR. OF TEAM LOSI AND 1991/92 R.O.A.R. WORLD CHAMPION CLIFF LETT OF TEAM ASSOCIATED.



YOU CAN COUNT ON "NO-NONSENSE", KNOWLEDGEABLE ANSWERS TO YOUR QUESTIONS ABOUT THE RIGHT EQUIPMENT, OR ABOUT YOUR PARTICULAR PIECE OF EQUIPMENT.

OUR EXPERIENCED STAFF CONSISTS OF LONG-TIME HOBBYISTS AND TECHNICIANS WHO ARE PERSONALLY INVOLVED IN R/C MODELING. WE SUPPORT R/C CLUBS AND PARTICIPATE IN CLUB EVENTS AND MEETINGS, TEACHING AND HELPING HOBBYISTS LIKE YOU LEARN ABOUT AND ENJOY THE SPORT. WE COMPETE IN CONTESTS AND OTHER R/C SPECIAL EVENTS. WE ARE CONSTANTLY IN TOUCH WITH THE WORLD OF R/C MODELING, KEEPING UP TO DATE WITH THE DEMANDS AND REQUIREMENTS OF MODELERS LIKE YOURSELF.



NOTED SCALE MODELER ROBERT MCCLUNG, WITH HIS UNLIMITED RACER P-51 "DAGO RED"

WHENEVER YOU CALL AIRTRONICS WITH A QUESTION, THE PERSON YOU TALK TO WILL TAKE A PERSONAL INTEREST IN SEEING TO YOUR SATISFACTION. IT'S LIKE TALKING TO A FRIEND.

THE AIRTRONICS FAMILY. COMMITTED TO YOU.

AS THE SAYING GOES AROUND HERE AT AIRTRONICS, WE'RE A FAMILY. A FAMILY DEDICATED TO R/C MODELING. A DEDICATION YOU CAN COUNT ON WHEN CHOOSING AIRTRONICS.

OVER 20 YEARS OF MODELING EXPERIENCE STANDS BEHIND EACH AND EVERY AIRTRONICS PRODUCT.

GOOD OL' AMERICAN KNOW-HOW IN EVERY AIRTRONICS PRODUCT.

ALL AIRTRONICS PRODUCTS ARE DESIGNED FOR THE U.S.A. WE PRIDE OURSELVES ON PRODUCT INNOVATION, AND MEETING THE SPECIAL NEEDS OF THE AMERICAN R/C HOBBYIST. WE LISTEN TO OUR CUSTOMERS AND MODELERS AROUND THE COUNTRY, INCORPORATING THEIR IDEAS AND SUGGESTIONS INTO OUR PRODUCT DESIGNS.

1991/92 F3B SOARING
WORLD CHAMPION
JOE WURTS, WITH 2ND PLACE
FINISHER DARYL PERKINS,
TEAMMATE LARRY JOLLY,
TEAM U.S.A. MANAGER
RANDY SPENCER. ALL USED
AIRTRONICS VISION
RADIO SYSTEMS.



AIRTRONICS WAS
THE FIRST MANUFACTURER TO OFFER THE FIRST TRUE NARROW BAND
RECEIVER THAT EXCEEDS ALL AMA GUIDELINES FOR OPERATION AT 20 KHZ
CHANNEL SPACING. IT HAS BECOME THE "DE FACTO" STANDARD OF THE R/C
MODELING INDUSTRY. AND AIRTRONICS HAS A VARIETY OF SOPHISTICATED
EQUIPMENT TO MEET YOUR SPECIALIZED NEEDS.

ALL AIRTRONICS AIRCRAFT KITS ARE PAINSTAKINGLY MANUFACTURED
USING THE HIGHEST QUALITY PRECISION MACHINED PARTS, HAND SELECTED
MATERIALS AND THE FINEST HARDWARE.

OUR COMPATIBILITY MEANS EASY, ECONOMICAL UPGRADES.

AIRTRONICS R/C SYSTEMS AND ACCESSORIES ARE COMPATIBLE TO
MAKE IT EASY AND ECONOMICAL FOR YOU TO ADAPT AND UPGRADE YOUR
EQUIPMENT AS YOUR SKILLS AND INTEREST INCREASE, WITHOUT REPLACING
OR OUTDATING YOUR ENTIRE EXISTING SYSTEM.

FULL ONE-YEAR WARRANTY.

ALL AIRTRONICS R/C SYSTEMS ARE
FULLY WARRANTED FOR ONE YEAR—
OUR COMMITMENT TO YOUR SATISFACTION
AND YOUR SYSTEM'S TOP PERFORMANCE.



ALL AIRTRONICS ADVANCED FM AND PCM TRANSMITTERS AND COMP-
ATIBLE GOLD LABEL SUPER NARROW BAND DUAL CONVERSION RECEIVERS
HAVE BEEN INDEPENDENTLY TESTED AND CERTIFIED AS MEETING AND
EXCEEDING ALL F.C.C. AND ACADEMY OF MODEL AERONAUTICS (AMA)
GUIDELINES AND SPECIFICATIONS FOR TRUE NARROW BAND R/C OPERATION
—YOUR ASSURANCE THAT YOUR AIRTRONICS HIGH QUALITY SYSTEM GIVES



YOU SUPERB R/C OPERATION
CAPABILITIES TODAY AND INTO
THE 21ST CENTURY.

AIRTRONICS HAS THE RIGHT
SYSTEM, KIT OR ACCESSORY
FOR YOU.

INSIDE THE PAGES OF THIS
CATALOG YOU'LL FIND PRODUCTS THAT WILL HELP YOU ENJOY YOUR HOBBY
MORE, THAT MEET THE REQUIREMENTS OF YOUR PARTICULAR SKILL, AND THAT
ARE SERVICED AND SUPPORTED BY THE MOST DEDICATED STAFF IN THE
BUSINESS. FEEL FREE TO CONTACT US WITH ANY QUESTIONS CONCERNING
ANY OF OUR PROFESSIONAL QUALITY PRODUCTS, OR ABOUT ANY ASPECT OF
THE R/C MODELING WORLD. WHEN YOU DEAL WITH AIRTRONICS, YOU'LL
DISCOVER FOR YOURSELF WHY MILLIONS OF R/C MODELERS CHOOSE
AIRTRONICS, THE FIRST NAME
IN QUALITY R/C PRODUCTS.



GLOSSARY

AM/AMPLITUDE MODULATION

A RADIO TRANSMISSION SYSTEM THAT VARIES
SIGNAL AMPLITUDE FOR R/C OPERATION.

ATV/ADJUSTABLE TRAVEL VOLUME

A.T.V. ALLOWS UP TO A 70% REDUCTION OF
SERVO MOVEMENT IN EITHER DIRECTION FROM
NEUTRAL, WITHOUT AFFECTING MOVEMENT IN THE
OPPOSITE DIRECTION. FOR EXAMPLE, IF AN
INSTALLATION REQUIRED 85% THROW IN ONE
DIRECTION AND 96% IN THE OTHER, A.T.V. WOULD
ALLOW THE AIRCRAFT TO BE EASILY SET UP THAT
WAY. BY SETTING BOTH SIDES TO THE SAME POINT,
A.T.V. CAN BE USED TO REDUCE THE TOTAL
AMOUNT OF THROW WITHOUT ADJUSTING
LINKAGES.

DIRECT SERVO CONTROLLER

BY PLUGGING A CABLE FROM THE AIRBORNE
SYSTEM INTO THE TRANSMITTER, ALL OF THE
SERVOS CAN BE OPERATED WITHOUT SENDING A
RADIO SIGNAL. THIS ALLOWS TRIMS AND
CONTROLS TO BE CHECKED AND ADJUSTED EVEN
WHILE SOMEONE ELSE IS OPERATING ON YOUR
FREQUENCY.

DR/DUAL RATE

DUAL RATE LETS THE MODELER CHOOSE
BETWEEN FULL SERVO THROW AND REDUCED
SERVO THROW WHILE OPERATING THE MODEL.
WITH THE DUAL RATE SWITCH IN THE OFF
POSITION, 100% SERVO THROW IS AVAILABLE FOR
MAXIMUM CONTROL RESPONSE. FLIPPING THE
DUAL RATE SWITCH ON, REDUCES SERVO THROW
AND DESENSITIZES THE CONTROL RESPONSE.
THE AMOUNT OF THROW IN THE "DUAL RATE ON"
MODE CAN BE ADJUSTED FROM 30% TO 100% OF
TOTAL SERVO MOVEMENT, ALLOWING THE
MODELER TO TAILOR THE SYSTEM TO INDIVIDUAL
PREFERENCES.

EXPONENTIAL

IF A RADIO IS SET UP FOR EXPONENTIAL
CONTROL RESPONSE, THE AMOUNT OF SERVO
MOVEMENT IS NOT DIRECTLY PROPORTIONAL TO
THE AMOUNT OF CONTROL STICK MOVEMENT.
OVER THE FIRST HALF OF STICK TRAVEL, THE
SERVO MOVES LESS THAN THE STICK. THIS MAKES
CONTROL RESPONSE Milder AND SMOOTHS OUT
LEVEL FLIGHT AND NORMAL FLIGHT MANEUVERS.
OVER THE LAST HALF OF STICK TRAVEL THE
SERVO GRADUALLY CATCHES UP WITH THE STICK
THROW, ACHIEVING 100% SERVO TRAVEL AT FULL
STICK THROW FOR AEROBATICS OR TROUBLE
SITUATIONS.

FAIL SAFE

FAIL SAFE IS AVAILABLE IN SOME PCM
SYSTEMS. IT ALLOWS THE RECEIVER TO HOLD THE
LAST GOOD CONTROL INPUT OR IN SOME CASES
TO PROGRAM THE FLIGHT CONTROLS TO MOVE TO
A PRE-SET POSITION WHEN STRONG INTER-
FERENCE IS ENCOUNTERED.

FM/FREQUENCY MODULATION

THIS TRANSMISSION SYSTEM VARIES THE
FREQUENCY OF SIGNAL WAVE FOR MORE
EFFECTIVE INTERFERENCE RESISTANCE.

MIXING

ALLOWS TWO OR MORE SERVOS TO BE
OPERATED SIMULTANEOUSLY FROM A SINGLE
CONTROL INPUT DEVICE.

PCM/PULSE CODE MODULATION

A MICROPROCESSOR BASED ENCODING SYSTEM
USED TO MAXIMIZE INTERFERENCE REJECTION.

SERVO REVERSING

THIS FEATURE ALLOWS THE MODELER TO
REVERSE A SERVO'S ROTATION AT THE FLIP OF
A SWITCH. SERVOS CAN BE MOUNTED IN THE
MOST CONVENIENT WAY WITHOUT CONCERN FOR
THEIR ROTATION DIRECTION. THE PROPER
MOVEMENT CAN THEN BE SELECTED WHEN THE
INSTALLATION IS COMPLETED.

TRAINER SYSTEM

THIS FEATURE ALLOWS TWO AIRTRONICS
TRANSMITTERS TO BE COUPLED TOGETHER BY A
CABLE SO THAT BOTH CAN BE USED TO CONTROL
THE SAME AIRPLANE. A STUDENT PILOT CAN
GAIN TRAINING TIME WHILE PROVIDING THE
INSTRUCTOR WITH A SET OF CONTROLS TO TAKE
OVER AT THE FIRST SIGN OF TROUBLE.

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IN-FIN'I-TY, N.: BOUNDLESSNESS; WITHOUT LIMIT OR END.

THAT'S INFINITY ACCORDING TO WEBSTER'S. INFINITY ACCORDING TO AIRTRONICS? COMPUTERIZED RADIO CONTROL TECHNOLOGY IN A SLEEK, SCULPTURED HOUSING THAT KNOWS NO BOUNDS IN PROVIDING THE PERFORMANCE, FLEXIBILITY AND TECHNOLOGY THAT SERIOUS, COMPETITIVE AMERICAN R/C FLIERS HAVE LONGED FOR, BUT UNTIL NOW, HAVE NEVER BEEN ABLE TO ENJOY.

INTRODUCING THE AIRTRONICS INFINITY 1000 SERIES. IT REPRESENTS THE FIRST TRULY REVOLUTIONARY BREAKTHROUGH IN TRANSMITTER DESIGN IN OVER 30 YEARS. PROFESSIONALLY DESIGNED TO SATISFY THE SPECIALIZED DEMANDS OF TODAY'S COMPETITIVE AMERICAN R/C FLIER, THE INFINITY 1000 IS A WORLD CLASS, 10-CHANNEL R/C

SYSTEM FEATURING AIRTRONICS ADVANCED TECHNOLOGY RADIO CONTROL SYSTEM (ATRCs). DEVELOPED AND FIELD TESTED AND PROVEN IN THE UNITED STATES, THIS ADVANCED SYSTEM DELIVERS UNPARALLELED PERFORMANCE FEATURES AND FUNCTIONALITY SUCH AS THE LATEST HIGH RESOLUTION 1,024.

STEP TECHNOLOGY AND CUSTOM 10-BIT ANALOG-TO-DIGITAL CONVERTER THAT AUTOMATICALLY PROVIDES SMOOTH, PRECISE CONTROL RESPONSE TO YOUR EVERY COMMAND.

AIRTRONICS INFINITY SERIES. ADVANCED COMPUTER TECHNOLOGY, PERFORMANCE AND FLEXIBILITY FOR THE SOPHISTICATED R/C FLIER.

FEATURES LIKE OUR INNOVATIVE, PROGRAMMABLE ADAPTIVE INTELLIGENCE MENU SYSTEM (AIM) WHICH ALLOWS QUICK, LOGICAL, PROGRAMMING ADJUSTMENTS SUCH AS SURFACE ADJUSTMENTS, MIXING, CONTROL RESPONSE, MODEL CONFIGURATION, AND DIAGNOSTICS.

INFINITY 1000A. ULTIMATE PERFORMANCE FOR FIXED-WING AND SAILPLANE R/C PILOTS.

OUR 10-CHANNEL IN1000A IS A WORLD CLASS COMPUTER RADIO BUILT FOR THE SERIOUS, FIXED-WING AND SAILPLANE AIRCRAFT R/C FLYER, AND HAS ALL THE ADVANCED INFINITY PROGRAMMABLE TECHNOLOGY SO YOU EASILY ADAPT TO PATTERN, SCALE, JET, SPORT, ELECTRIC OR COMPETITION SAILPLANE FLYING. FEATURES MULTIPLE PROGRAM MIXING CAPABILITIES, HIGH RESOLUTION 1024 PCM, TRUE NARROW BAND PERFORMANCE, AND A WIDE VARIETY OF WING TEMPLATES FOR EVERY TYPE OF EVERY TYPE OF FIXED WING MODEL.

STANDARD INFINITY 1000 FEATURES

- 1,024 STEP SERVO RESOLUTION
- LARGE, SUPERTWIST LCD DISPLAY WITH CONTRAST ADJUSTMENT
- NON VOLATILE MEMORY STORAGE ELIMINATES BACKUP BATTERIES
- PROGRAMMABLE SOFT SWITCHES (PSS)- ALLOWS ANY FUNCTION OR MIX TO BE ASSIGNED TO ANY SWITCH
- 10 CHANNEL PLL SYNTHESIZED TRANSMITTER ALLOWS SCANNER AND FREQUENCY CHANGE CAPABILITY
- 10 CHANNEL DUAL CONVERSION PCM/FM RECEIVER OR OPTIONAL 10 CHANNEL PLL SYNTHESIZED RECEIVER
- PCM OR PPM OPERATIONAL - ALLOWS COMPATIBILITY WITH AIRTRONICS 8 AND 10 CHANNEL PCM/FM RECEIVERS AND 4, 6, 7, AND 8 CHANNEL PPM/FM RECEIVERS
- PROGRAMMABLE UP/DOWN TIMER WITH AUDIO ALARM
- TACHOMETER WITH REMOTE SENSOR AND ON SCREEN DISPLAY OF RPM
- FOUR LEVEL PROGRAM ACCESS PROTECTION
- MULTIPLE MODEL MEMORY - ALLOWS UP TO 7 (INFINITY 1000A) AND 8 (INFINITY 1000H) MODEL SETUPS
- TWO ALTERNATE SETUPS
- MODEL NAMING CAPABILITY - UP TO 16 ALPHA/NUMERIC CHARACTERS
- AUDIO LOW VOLTAGE WARNING
- TRIM AUTHORITY ADJUSTMENT
- AUTOMATIC DYNAMIC TRIM MEMORY
- CHANNEL PRIORITY ASSIGNMENT
- ADJUSTABLE TRAVEL VOLUME ON ALL CHANNELS
- ELECTRONIC SERVO CENTERING ON ALL CHANNELS
- 11 POINT THROTTLE RESPONSE CURVE WITH GRAPHIC DISPLAY
- SELECTABLE MODE 1, 2, 3, OR 4 OPERATION
- CHANNEL DELAY OPTION
- CROSS TRIM CAPABILITY FOR ALL TRIMS AND AUXILIARIES
- SERVO REVERSING ON ALL CHANNELS
- TRANSMITTER BATTERY VOLTAGE DISPLAY
- RF METER WITH 2 COLOR LCD BAR GRAPH LCD DISPLAY
- DIRECT SERVO CONTROLLER
- PROGRAMMABLE TRAINER SYSTEM COMPATIBLE WITH OTHER INFINITY SYSTEMS
- PROGRAMMABLE FAIL SAFE (WITH PCM RECEIVERS)
- RECEIVER VOLTAGE DISPLAY
- PRECISION GIMBALS WITH ADJUSTABLE LENGTH AND TENSION STICKS
- BUILT IN TRANSMITTER STAND
- BALL MOUNT POSITIONABLE TRANSMITTER ANTENNA
- PLUG-IN HIGH CAPACITY 1100 MAH TRANSMITTER NiCd BATTERY

INFINITY 1000A FEATURES

ALL STANDARD INFINITY 1000 FEATURES

- PROGRAMMABLE FLIGHT MODES
- VARIABLE TRACE RATIO ON ELEVATOR, AILERON, AND RUDDER WITH GRAPHIC DISPLAY
- 11 POINT HIGH/LOW EXPONENTIAL ON AILERON, ELEVATOR, AND RUDDER WITH GRAPHIC DISPLAY
- DUAL RATE ON AILERON, ELEVATOR AND RUDDER WITH GRAPHIC DISPLAY
- OPTIONAL AUTOMATIC DUAL RATE
- OPTIONAL TRIPLE RATE ON AILERON
- 5 GENERIC COMPENSATION MIXERS
- 3 GENERIC BI-DIRECTIONAL MIXERS
- 6 BUTTON ACTIVATED ROLL PROGRAMS (SNAP OR SLOW ROLL)
- AIR BRAKE SYSTEM
- VARIABLE PITCH PROPELLER MIXING SYSTEM
- AILERON/RUDDER COUPLING
- ELEVATOR/FLAP MIXING
- FLAPERON MIXING
- ELEVON MIXING
- V-TAIL MIXING
- TAILERON MIXING
- SPOILERON MIXING
- CROW MIXING FOR SAILPLANES
- LANDING THRESHOLD ADJUSTMENT
- AILERON DIFFERENTIAL ADJUSTMENT
- 16 AIRCRAFT TEMPLATES FOR SAILPLANES AND POWER WING TYPES
- ASSIGNABLE RECEIVER CHANNEL OUTPUT
- CAMBER CHANGE ADJUSTMENT CAPABILITY
- SERVO OPTIONS FOR PATTERN, SCALE, AND SAILPLANES
- HIGH CAPACITY 1000 MAH RECEIVER NiCd BATTERY



PROGRAMMING YOUR INFINITY 1000 SYSTEM IS A SNAP THANKS TO A LARGE, TOUCH-SENSITIVE, BRIGHT SUPERTWIST CUSTOM LCD DISPLAY. YOU INSTANTLY INPUT SYSTEM COMMANDS...NO CUMBERSOME BUTTONS HERE.

INFINITY 1000'S CUSTOM 16-BIT MICROPROCESSOR AND EE PROM DISPLAY SOFTWARE ALLOWS ACCESS TO ALL PROGRAMMABLE FEATURES AND GRAPHIC DISPLAYS.

OUR ADVANCED TECHNOLOGY CHANNEL PROTOCOL (ATCP) IS AN INTELLIGENT DATA TRANSMISSION SYSTEM THAT REDUCES RESPONSE TIME BY TRANSMITTING CONTROL FUNCTION DATA ONLY TO THE CHANNEL YOU ARE USING. ATCP AUTOMATICALLY SCANS ACTIVE CHANNELS UP TO 100 TIMES PER SECOND...MONITORS AND UPDATES UNUSED CHANNELS TWICE EACH SECOND. INFINITY 1000'S POWERFUL MICROPROCESSOR-BASED PHASED LOCKED LOOP (PLL) TRANSMITTER AND RECEIVER IS A BREAKTHROUGH IN TRUE DIGITAL

SYSTEM TECHNOLOGY. THIS SYNTHESIZED SYSTEM, LINKED TO THE ATCP, LETS THE RECEIVER TALK TO THE TRANSMITTER VIA A CABLE, ALLOWING YOU TO SCAN OR CHANGE FREQUENCIES. ONCE YOU SELECT A CLEAR FREQUENCY YOU CAN PROGRAM IT IN BOTH THE TRANSMITTER AND RECEIVER.

FOR MAXIMUM PERFORMANCE IN AN R/C SYSTEM, CHOOSE AIRTRONICS INFINITY...IT KNOWS NO LIMITS WHEN IT COMES TO PROVIDING YOU WITH ENDLESS SATISFACTION AND ENJOYMENT FROM YOUR R/C MODELING SPORT.

TO HANDLE THE SPECIALIZED NEEDS OF YOUR PARTICULAR FLYING SPORT, YOU HAVE YOUR CHOICE OF TWO INFINITY 1000 SERIES MODELS. CHOOSE THE IN1000A FOR ANY FIXED-WING AIRCRAFT USE, OR THE IN1000H FOR SPORT AND COMPETITIVE HELICOPTER FLYING.

BOTH SYSTEMS ARE AVAILABLE WITH A VARIETY OF SERVO OPTIONS FOR YOUR NEEDS.



SYSTEM PACKAGES

SYSTEM #: 90170

MODEL	IN1000A / 741 FOR POWER
TRANSMITTER TYPE	IN1000A x 1
RECEIVER TYPE	92915 OR 92115 x 1
SERVOS	94741 x 4
RECEIVER NiCd	95025 x 1
CHARGER	95034 x 1

SYSTEM #: 90171

MODEL	IN1000A / 141 FOR SAILPLANES
TRANSMITTER TYPE	IN1000A x 1
RECEIVER TYPE	92915 OR 92115 x 1
SERVOS	94141 x 4
RECEIVER NiCd	95009 x 1
CHARGER	95034 x 1

SYSTEM #: 90172

MODEL	N1000A / 732 FOR PATTERN/SCALE
TRANSMITTER TYPE	IN1000A x 1
RECEIVER TYPE	92915 OR 92115 x 1
SERVOS	94732 x 4
RECEIVER NiCd	95025 x 1
CHARGER	95034 x 1

SYSTEM #: 90175

MODEL	IN1000H / 741 FOR HELICOPTERS
TRANSMITTER TYPE	IN1000H x 1
RECEIVER TYPE	92915 OR 92115 x 1
SERVOS	94741 x 5
RECEIVER NiCd	95025 x 1
CHARGER	95034 x 1

SYSTEM #: 90176

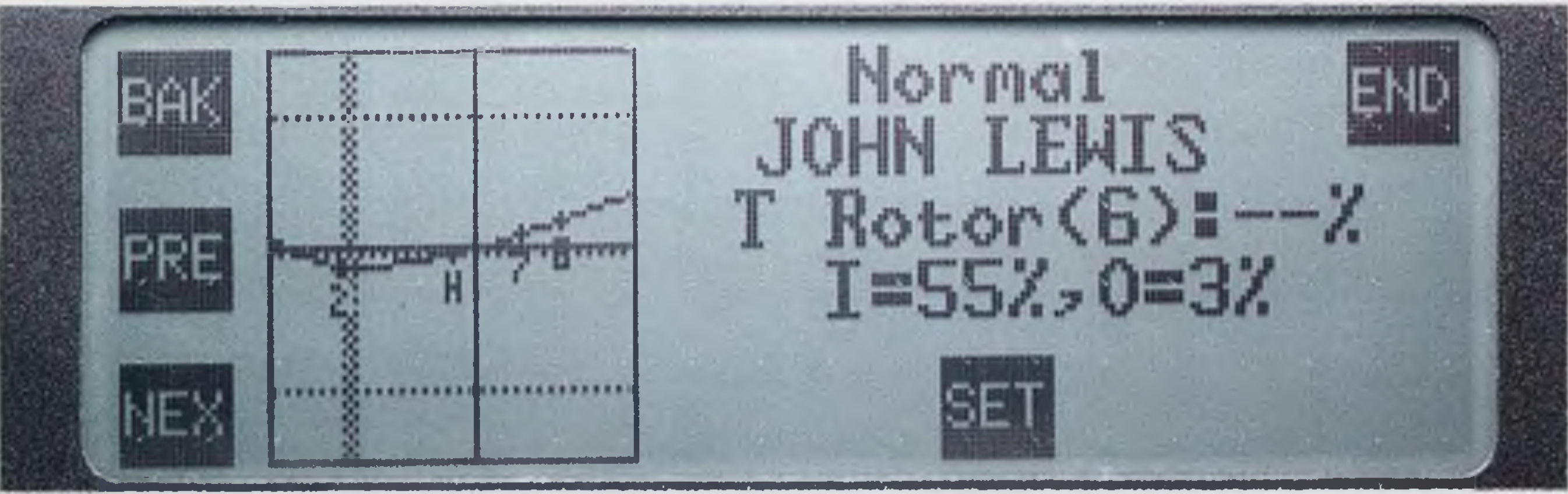
MODEL	IN1000H / 735 FOR HELICOPTERS
TRANSMITTER TYPE	IN1000H x 1
RECEIVER TYPE	92915 OR 92115 x 1
SERVOS	94735 x 1
RECEIVER NiCd	95025 x 1
CHARGER	95034 x 1

ALL SYSTEM CONFIGURATIONS INCLUDE FLAGS, SERVO TRAYS, NECK STRAP, SERVO ARMS, AND MOUNTING HARDWARE.

INFINITY 1000H.
UNLIMITED FLEXIBILITY FOR
HELICOPTER FLIERS.

ATTENTION HELI PILOTS! CLIMB ABOARD, AND GET READY FOR THE RIDE OF YOUR LIFE WITH THE 10-CHANNEL INFINITY IN1000H AT YOUR CONTROL. YOU'RE READY TO TAKE ON ANY COMPETITIVE HELICOPTER FLIGHT CHALLENGE WITH THE IN1000H.

THE 1000H IS THE MOST ADVANCED, PROFESSIONAL LEVEL HELICOPTER SYSTEM RADIO IN THE WORLD. IT ALLOWS PRECISE ADJUSTMENTS AND CONTROL FOR AEROBATICS FLYING, AND IT'S PACKED WITH A HOST OF INNOVATIVE FEATURES INCLUDING HIGH RESOLUTION 1024 PCM, 5 BALL BEARING SERVOS CONFIGURATION AND LARGE CAPACITY, NiCd BATTERY AND TRUE NARROW BAND PERFORMANCE.



INFINITY 1000H FEATURES

ALL STANDARD INFINITY 1000 FEATURES

- 5 PROGRAMMABLE FLIGHT MODES - STANDARD/INVERT, THROTTLE HOLD, FLIGHT MODE 1, 2, 3
- 11 POINT PITCH CURVE WITH GRAPHIC DISPLAY FOR EACH FLIGHT MODE
- 11 POINT TAIL ROTOR PITCH CURVE WITH GRAPHIC DISPLAY FOR EACH FLIGHT MODE
- 11 POINT HIGH/LOW EXPONENTIAL FOR FORE/AFT CYCLIC, L/R CYCLIC, AND TAIL ROTOR WITH GRAPHIC DISPLAY
- VARIABLE TRACE RATIO ON FORE/AFT CYCLIC L/R CYCLIC, AND TAIL ROTOR WITH GRAPHIC DISPLAY
- DUAL RATE ON FORE/AFT CYCLIC, L/R CYCLIC, AND TAIL ROTOR WITH GRAPHIC DISPLAY
- ADJUSTABLE HOVER POINT FOR EACH PITCH CURVE
- SEPARATE TAIL ROTOR OFFSET FOR EACH PITCH CURVE

- TRIM SETTINGS FOR EACH PITCH CURVE
- THROTTLE HOLD • 3 IDLE-UPS
- SELECTION OF ROTOR DIRECTION
- ACCELERATION/REVOLUTION MIXING
- TAIL ROTOR TO THROTTLE MIXING
- AUTO CUT POSITION
- 3 THROTTLE STICK SWITCHES
- 1 TAIL ROTOR STICK SWITCH
- HIGH AND LOW PITCH TRIMS
- HOVERING PITCH TRIM
- STANDARD, CCP3, CCP4 MIXING
- HOVER THROTTLE TRIM
- 5 GENERIC COMPENSATION MIXERS
- 3 GENERIC BI-DIRECTIONAL MIXERS

INFINITY 600A. THE SUPERIOR 6-CHANNEL R/C SYSTEM FOR FIXED-WING AIRCRAFT PERFORMANCE.

NEWLY DESIGNED WITHOUT COMPROMISE OR FRIVOLOUS GIMMICKS, THE AIRTRONICS INFINITY 600A, LIKE ITS BIG BROTHER INFINITY 1000, ACCOMMODATES THE SPECIALIZED PERFORMANCE REQUIREMENTS OF THE AMERICAN R/C FLIER. CREATED ALL-NEW FROM THE GROUND UP, THE INFINITY 600A'S AMERICAN PROGRAMMING TECHNOLOGY, STYLING AND PERFORMANCE IS READY TO TAKE ON ALL COMERS FOR ALL TYPES OF FIXED-WING AIRCRAFT AND SAILPLANE APPLICATIONS.

YOU'LL LIKE THE FEEL OF ITS PERFECTLY SCULPTURED TRANSMITTER CASE THAT CONFORMS TO YOUR HAND FOR COMPLETE COMFORT, BALANCE AND CONTROL OF ALL FUNCTIONS.

AVAILABLE IN BOTH FM AND PCM VERSIONS ON 50, 53 AND 72 MHZ, THE 6-CHANNEL INFINITY 600A OFFERS YOU A VARIETY OF SERVO OPTIONS FOR EVERY TYPE OF SPORT, PATTERN, SCALE AND SAILPLANE ACTION.

CHECK OUT AND COMPARE THE ADVANCED PERFORMANCE FEATURES BELOW. YOU'LL SOON DISCOVER WHY THE INFINITY 600A IS THE ULTIMATE IN A 6-CHANNEL R/C SYSTEM.



SYSTEM FEATURES

SYSTEM #: 90150

MODEL	IN600A/102 FOR POWER
TRANSMITTER TYPE	IN600A x 1
RECEIVER TYPE	92965 (PCM) OR 92765 (FM) x 1
SERVOS	94102 x 4
RECEIVER NiCd:	95004 x 1
CHARGER	95033 x 1

SYSTEM #: 90151

MODEL	IN600A/141 FOR SAILPLANES
TRANSMITTER TYPE	IN600A x 1
RECEIVER TYPE	92965 (PCM) OR 92765 (FM) x 1
SERVOS	94141 x 4
RECEIVER NiCd	95003 x 1
CHARGER	95033 x 1

SYSTEM #: 90152

MODEL	IN600A/732 FOR PATTERN/SCALE
TRANSMITTER TYPE	IN600A x 1
RECEIVER TYPE	92965 (PCM) OR 92765 (FM) x 1
SERVOS	94732 x 4
RECEIVER	NiCd: 95004 x 1
CHARGER	95033 x 1

ALL SYSTEM CONFIGURATIONS INCLUDE FLAGS, SERVO TRAYS, SERVO ARMS, AND MOUNTING HARDWARE.

TRANSMITTER SPECIFICATIONS

TRANSMITTER TYPE	6 CHANNEL FM/PCM/DUAL STICK
DIMENSIONS	L:8" (203 MM) x W: 2.75" (70 MM) x H: 7.4"(188MM)
WEIGHT	34 oz. (962 G)
POWER OUTPUT	600 MW
FREQUENCIES	50, 53, AND 72 MHZ
MODULATION	PPM/FM OR PCM/FM
POWER SUPPLY	95017 9.6 VOLT, 600 MAH NiCd
CURRENT DRAIN	220 MA
TEMPERATURE RANGE	32-110° F
PULSE WIDTH	1.5 MS (NOMINAL)

SYSTEM FEATURES

- NON-VOLATILE MEMORY STORAGE FOR UP TO 4 MODELS
- AN EASY TO READ LCD DISPLAY
- PROGRAM ACCESS PROTECTION
- ELECTRONICS SERVO CENTERING FOR STICK FUNCTIONS
- USER SELECTABLE MODE I OR II OPERATION
- USER ASSIGNABLE TRANSMITTER SWITCHES
- FM OR PCM RECEIVER SELECT
- TWO SNAP ROLL OR SLOW ROLL PROGRAMS
- TRAINER SYSTEM
- BI-DIRECTIONAL MIXER FOR ANY TWO CHANNELS
- COMPENSATION MIXER FOR ANY TWO CHANNELS
- ADJUSTABLE TRAVEL VOLUME ON ALL CHANNELS
- SERVO REVERSING ON ALL CHANNELS
- DUAL RATE FOR ELEVATOR, AILERON AND RUDDER
- AILERON/RUDDER MIXING
- ELEVATOR/FLAP MIXING
- FLAP/ELEVATOR MIXING
- FLAPERON MIXING
- ELEVON MIXING
- V-TAIL MIXING
- AILERON DIFFERENTIAL ADJUSTMENT
- A PROPORTIONAL AUXILIARY CHANNEL
- ADJUSTABLE LENGTH AND TENSION STICKS
- TWO AILERON SERVO CAPABILITY
- PROGRAMMABLE FAIL/SAFE
- CROW LANDING MIX CAPABILITY FOR SAILPLANES
- SUPER NARROW BAND GOLD LABEL DUAL CONVERSION RECEIVER
- R.F. METER
- TRANSMITTER PLUG-IN MODULE
- LOW VOLTAGE ALARM
- DATA RESET
- HIGH CAPACITY NiCd BATTERIES

VISION SERIES.
PROGRAMMABLE PERFORMANCE
IN AN 8-CHANNEL R/C SYSTEM.

YOU CAN SET-UP AND FINE-TUNE FLIGHT ADJUSTMENTS IN MINUTES INSTEAD OF HOURS WITH THE AIRTRONICS VISION 8-CHANNEL R/C SYSTEM. WITH THE ELECTRONIC MEMORY OF ITS ADVANCED, AMERICAN-DESIGNED PROGRAMMABLE ATRCS SYSTEM, YOU CAN PROGRAM AND STORE SEVERAL DIFFERENT SET-UPS, ALL ON ONE TRANSMITTER.

TIME-CONSUMING R/C AIRCRAFT SET-UP AND ADJUSTMENTS ARE VIRTUALLY ELIMINATED BECAUSE NOW YOU CAN INSTANTLY RECALL, ADJUST, RESET OR REFINE YOUR VISION SYSTEM USING PRECISE INCREMENTAL ELECTRONIC ADJUSTMENTS. AND IT'S EASILY ACCOMPLISHED WITH SIMPLE YES/NO OR INCREASE/DECREASE COMMANDS...MINOR ADJUSTMENTS OR NEW SETTINGS ARE RIGHT AT YOUR FINGERTIPS! EASIER TO USE THAN MOST MANUALLY ADJUSTED RADIOS. CHOOSE THE VISION VS8P FOR PATTERN, SCALE AND SPORT AIRCRAFT FUN...THE VISION VS8SP FOR SAILPLANE FLYING.

VISION FEATURES

- USER-FRIENDLY ATRCS PROGRAMMING SYSTEM
- 16 BIT MICROPROCESSOR FOR SUPERIOR COMPUTING POWER
- ALL ELECTRONIC ADJUSTMENT THAT ELIMINATES POTENTIOMETERS
- EASY-TO-READ LIQUID CRYSTAL DISPLAY ASKS ONLY ONE PROGRAMMING QUESTION AT A TIME TO SIMPLIFY AIRCRAFT SETUP
- MULTIPLE MODEL MEMORY STORES THREE OR FOUR AIRCRAFT IN ONE TRANSMITTER
- NON-VOLATILE MEMORY STORAGE ELIMINATES BACKUP BATTERIES
- AIRCRAFT TEMPLATES ALLOW DIFFERENT SERVO CONFIG-URATIONS FOR VARIOUS TYPES OF MODELS
- FOUR-LEVEL PROGRAM ACCESS PROTECTION
- USER SELECTABLE MODE 1, MODE 2 OR MODE 3 OPERATION
- ELECTRONIC SERVO CENTERING ON ALL CHANNELS
- SERVO REVERSING ON ALL CHANNELS
- PCM OR PPM OPERATION
- GOLD LABEL FM/PCM SUPER NARROW BAND DUAL CONVERSION RECEIVER
- HIGH CAPACITY MODULAR PLUG-IN TRANSMITTER BATTERY
- AUDIO LOW VOLTAGE ALARM FOR TRANSMITTER BATTERY

VISION VS8P

THE VISION VS8P PCM IS SPECIFICALLY DESIGNED FOR PATTERN, SCALE AND SPORT AIRCRAFT.

VS8P FEATURES

ALL STANDARD VISION FEATURES

- USER-ASSIGNABLE TRANSMITTER SWITCH FUNCTIONS
- MEMORY STORAGE FOR THREE COMPLETE AIRCRAFT SET UPS
- THREE IN-FLIGHT SELECTABLE SNAP ROLL OPTIONS
- DUAL RATE ON AILERON, ELEVATOR AND RUDDER, WITH OPTION FOR AUTO DUAL RATE ON RUDDER
- ATV ON AILERON, ELEVATOR, RUDDER, THROTTLE, AND FLAPS
- ADJUSTABLE THROTTLE RESPONSE CURVE
- LINEAR, VTR OR EXPONENTIAL RESPONSE ON AILERON AND ELEVATOR
- TRIM MEMORY ON AILERON, ELEVATOR AND RUDDER
- GENERIC COMPENSATION MIXING ALLOWS TWO FUNCTIONS TO BE COUPLED TOGETHER (2 MIXERS AVAILABLE)
- GENERIC BI-DIRECTIONAL MIXING ALLOWS ANY TWO FUNCTIONS TO BE MIXED TOGETHER (2 MIXERS AVAILABLE)
- AILERON/RUDDER COUPLING
- FLAP/ELEVATOR AND ELEVATOR/FLAP MIXING

VISION VS8SP

THE VISION VS8SP PCM IS SPECIALLY DESIGNED FOR SAILPLANE FLIGHT APPLICATION.

VS8SP FEATURES

ALL STANDARD VISION FEATURES

- FLIGHT MODE SWITCH WITH CAMBER AND ELEVATOR PRESETS FOR SPEED, THERMAL AND LAUNCH CONFIGURATIONS
- MEMORY STORAGE FOR FOUR COMPLETE AIRCRAFT SETUPS
- DUAL RATE ON AILERON AND ELEVATOR
- ATV ON AILERON, ELEVATOR, RUDDER AND FLAPS
- ELECTRONIC AILERON DIFFERENTIAL (2 LEVELS AVAILABLE)
- AILERON/RUDDER COUPLING (2 LEVELS AVAILABLE)
- CROW LANDING OPTION (FLAPS DOWN AND AILERONS UP)
- ELEVATOR/CAMBER MIXING
- AILERON/FLAP MIXING
- V-TAIL, ELEVON AND FLAPERON CAPABILITY
- ELEVATOR COMPENSATION FOR SPOILERS, FLAPS AND LANDING GEAR

SYSTEM PACKAGES

SYSTEM #: 90100

MODEL	VS8P/102 FOR POWER
TRANSMITTER TYPE	VS8P x 1
RECEIVER TYPE	92985 x 1
SERVOS	94102 x 4
RECEIVER NiCd	95008 x 1
CHARGER	95033 x 1

SYSTEM #: 90101

MODEL	VS8P/732 FOR PATTERN/SCALE
TRANSMITTER TYPE	VS8P x 1
RECEIVER TYPE	92985 x 1
SERVOS	94732 x 4
RECEIVER NiCd	95008 x 1
CHARGER	95033 x 1

SYSTEM #: 90105

MODEL	VS8SP/102 FOR SAILPLANES
TRANSMITTER TYPE	VS8SP x 1
RECEIVER TYPE	92985 x 1
SERVO:	94102 x 4
RECEIVER NiCd	95009 x 1
CHARGER	95033 x 1

SYSTEM #: 90106

MODEL	VS8SP/831 FOR SAILPLANES
TRANSMITTER TYPE	VS8SP x 1
RECEIVER TYPE	92985 x 1
SERVOS	94831 x 3
RECEIVER NiCd	95009 x 1
CHARGER	95033 x 1

SYSTEM #: 90107

MODEL	VS8SP/732 FOR SAILPLANES
TRANSMITTER TYPE	VS8SP x 1
RECEIVER TYPE	92985 x 1
SERVOS	94732 x 4
RECEIVER NiCd	95009 x 1
CHARGER	95033 x 1

SYSTEM #: 90108

MODEL	VS8SP/141 FOR SAILPLANES
TRANSMITTER TYPE	VS8SP x 1
RECEIVER TYPE	92985 x 1
SERVOS	94141 x 4
RECEIVER NiCd	95009 x 1
CHARGER	95033 x 1

ALL SYSTEM CONFIGURATIONS INCLUDE FLAGS, SERVO TRAYS, NECK STRAP, SERVO ARMS, AND MOUNTING HARDWARE.

TRANSMITTER SPECIFICATIONS

TRANSMITTER	TYPE 8 CHANNEL DIGITAL PROPORTIONAL NARROW BAND/DUAL STICK
DIMENSIONS	L: 6" (152 MM) x W: 2.25" (57 MM) x H: 7.06" (179 MM)
WEIGHT	37 oz. (1.05 KG)
POWER OUTPUT	600 MW
FREQUENCIES	50, 53, AND 72 MHZ
MODULATION	PPM/FM OR PCM/FM SELECTABLE
POWER SUPPLY	95014 9.6 VOLT 700 MAH NiCd
CURRENT DRAIN	300 MA
TEMPERATURE RANGE	32-110° F
PULSE WIDTH	1.5 MS (NOMINAL)



VANGUARD SYSTEMS.
THE SMART R/C MODELER'S
CHOICE FOR VALUE
AND RELIABILITY.

LONG RECOGNIZED BY R/C MODELERS FOR ITS OUTSTANDING VALUE AND PERFORMANCE, THE POPULAR AIRTRONICS VANGUARD SERIES INCORPORATES AIRTRONICS' RELIABLE GOLD LABEL SUPER NARROW BAND DUAL CONVERSION FM AND PCM RECEIVER TECHNOLOGY TO INSURE TOP PERFORMANCE AND CONTROL IN TODAY'S HIGH INTERFERENCE ENVIRONMENTS FOR ALL TYPES OF FLYING SPORT AND COMPETITION ACTION.

EVERY VALUE-PACKED VANGUARD MODEL INCORPORATES THE SAME QUALITY CRAFTSMANSHIP AND COMPONENT TECHNOLOGY AS AIRTRONICS' MOST SOPHISTICATED R/C SYSTEMS.

THERE'S A VANGUARD SYSTEM THAT'S RIGHT FOR YOUR PARTICULAR SPORT, SKILL LEVEL AND BUDGET. YOU'LL ENJOY HIGH TECH STYLING, VERSATILE FLIGHT FEATURES AND PERFORMANCE AT AN AFFORDABLE PRICE.

STANDARD VANGUARD
FEATURES

- HIGH QUALITY RECHARGEABLE NiCd BATTERIES
- SERVO REVERSING ON ALL CHANNELS
- EXPANDED SCALE VOLTMETER
- DUAL CONVERSION SUPER NARROW BAND RECEIVER
- ADJUSTABLE LENGTH AND TENSION STICKS
- HIGH QUALITY PRECISION GIMBALS
- ELECTRONIC TRIMS
- TRAINER SYSTEM (FM ONLY)

VG4R FM. IDEAL FOR
BEGINNING AND SPORT FLIERS.

IF YOU'RE JUST GETTING STARTED IN R/C FLYING, THE VANGUARD VG4R 4-CHANNEL FM MODEL IS FOR YOU. NOT ONLY IS IT IDEALLY SUITED FOR ALL TYPES OF FIXED-WING AIRCRAFT OPERATION, IT'S ALSO AVAILABLE ON 75MHZ FOR SURFACE MODEL APPLICATIONS.



SYSTEM PACKAGES

ALL SYSTEM CONFIGURATIONS INCLUDE FLAGS, SERVO TRAYS, SERVO ARMS, AND MOUNTING HARDWARE.

SYSTEM #: 90070

MODEL	VG4R/102 FOR SPORT
TRANSMITTER TYPE	VG4R x 1
RECEIVER TYPE	92765 x 1
SERVOS	94102 x 3
RECEIVER NiCd	95004 x 1
CHARGER	95033 x 1

SYSTEM #: 90071

MODEL	VG4R/831 FOR SMALL AIRCRAFT
TRANSMITTER TYPE	VG4R x 1
RECEIVER TYPE	92765 x 1
SERVOS	94831 x 2
RECEIVER NiCd	95004 x 1
CHARGER	95033 x 1

SYSTEM #: 90112

MODEL	VG4R/501 FOR SAILPLANES
TRANSMITTER TYPE	VG4R x 1
RECEIVER TYPE	92745 MICRO RECEIVER x 1
SERVOS	94501 x 2
RECEIVER NiCd	95002 x 1
CHARGER	95033 x 1

SYSTEM #: 90113

MODEL	VG4R/501SC FOR ELECTRICS
TRANSMITTER TYPE	VG4R x 1
RECEIVER TYPE	92745 x 1
SERVOS	94501 x 2
CHARGER	95033 x 1
SPECIAL ACCESSORIES	
MA-6 SPEED CONTROLLER	96332 x 1

SYSTEM #: 90073

MODEL	VG6DR/102 FOR SPORT
TRANSMITTER TYPE	VG6DR x 1
RECEIVER TYPE	92765 x 1
SERVOS	94102 x 4
RECEIVER NiCd	95004 x 1
CHARGER	95033 x 1

SYSTEM #: 90074

MODEL	VG6P/102 FOR SPORT
TRANSMITTER TYPE	VG6P x 1
RECEIVER TYPE	92965 x 1
SERVOS	94102 x 4
RECEIVER NiCd	95004 x 1
CHARGER	95033 x 1

SYSTEM #: 90076

MODEL	VG6H/102 FOR SPORT HELICOPTERS
TRANSMITTER TYPE	VG6H x 1
RECEIVER TYPE	92965 (PCM) OR 92765 (FM) x 1
SERVOS	94102 x 4
RECEIVER NiCd	95004 x 1
CHARGER	95033 x 1

SYSTEM #: 90114

MODEL	VG6H/407SCG FOR ELECTRIC HELICOPTERS
TRANSMITTER TYPE	VG6H x 1
RECEIVER TYPE	92965 (PCM) OR 92765 (FM) x 1
SERVOS	94407 x 3
CHARGER	95033 x 1
SPECIAL ACCESSORIES	
SG-XM GYRO	96254 x 1
MA-5 SPEED CONTROLLER	96331 x 1

SYSTEM #: 90077

MODEL	VG7P/102 FOR SPORT
TRANSMITTER TYPE	VG7P x 1
RECEIVER TYPE	92775 x 1
SERVOS	94102 x 4
RECEIVER NiCd	95004 x 1
CHARGER	95033 x 1

VG6DR FM AND VG6P PCM.
HIGH PERFORMANCE
IN A 6 CHANNEL SYSTEM.

WITH THE VG6DR FM AND VG6P PCM VANGUARD MODELS, YOU'LL FIND A HOST OF ADVANCED FEATURES FOUND ONLY ON AIRTRONICS' MORE COSTLY FM AND PCM SYSTEMS.

DESIGNED FOR FIXED-WING AIRCRAFT, THE VG6DR FM MODEL IS PERFECT FOR BOTH BEGINNING AND SPORT FLIERS. THIS RELIABLE 6-CHANNEL R/C SYSTEM IS ALSO AVAILABLE ON 75 MHZ FOR R/C CAR AND BOAT OPERATION.

THE VG6P PCM IS EQUIPPED WITH AIRTRONICS' PRECISION PULSE CODE MODULATION (PCM) TECHNOLOGY FOR TOP PERFORMANCE IN FIXED-WING AIRCRAFT COMPETITION.

BOTH SYSTEMS OFFER THE VALUE-CONSCIOUS MODELER ADVANCED R/C TECHNOLOGY AND FEATURES IN AN AFFORDABLE PACKAGE.

VG6DR FM AND VG6P
PCM FEATURES

- ALL STANDARD VANGUARD SERIES FEATURES
- DUAL RATE ELEVATOR AND AILERON CONTROLS
- THREE-POSITION FLAP SWITCH
- LANDING GEAR SWITCH
- ADJUSTABLE LOW THROTTLE TRIM (VG6P)
- FLAP/ELEVATOR MIXING FUNCTIONS (VG6P)
- FAIL SAFE (VG6P)

VG6H FM AND VG6H PCM.
VANGUARD VALUE FOR
HELICOPTER PILOTS.

READY TO TAKE ON THE HELI'S? THEN HERE'S TWO 6-CHANNEL SYSTEMS THAT GIVE YOU ADVANCED PERFORMANCE FEATURES FOR SPORT HELICOPTER FLYING AT AN ECONOMICAL PRICE.

THE 6-CHANNEL VG6H FM GIVE HELICOPTER FLIERS AIRTRONICS' PROVEN FM TECHNOLOGY AND SUPERB FLIGHT PERFORMANCE.

THE VANGUARD VG6H PCM OFFERS YOU THE PERFORMANCE OF SOPHISTICATED PCM TRANSMITTER TECHNOLOGY USUALLY FOUND ON MORE EXPENSIVE R/C SYSTEMS.

BOTH MODELS INCORPORATE ADVANCED TECHNICAL FEATURES AND THE

SUPERIOR SUPER NARROW BAND HELICOPTER PERFORMANCE AT A PRICE YOU CAN AFFORD.

VG6H FM AND VG6H PCM
FEATURES

- ALL STANDARD VANGUARD FEATURES
- THROTTLE HOLD WITH INHIBIT
- IDLE UP • EXTERNAL PITCH ADJUSTMENT
- GYRO SENSITIVITY SWITCH
- REVOLUTION MIXING • HIGH PITCH TRIM
- DUAL RATE ON ELEVATOR AND AILERON
- FAIL SAFE

VANGUARD 7 CHANNEL
VG7P FM. IDEAL FOR
COMPETITORS AND SPORT FLIERS.

IF YOU'RE INTO FLYING COMPETITION, AND LOOKING FOR A R/C SYSTEM WITH ADVANCED TECHNOLOGY, RELIABILITY AND SOLID VALUE, THE NEW VANGUARD VG7P IS FOR YOU. DESIGNED ESPECIALLY FOR COMPETITIVE SPORT FLIERS, THE VG7P'S 7-CHANNEL FM SYSTEM IS SUITED FOR ALL TYPES OF R/C MODELING ACTION.

FOR A HIGH PERFORMANCE, COST-EFFECTIVE ALTERNATIVE TO THE MORE EXPENSIVE COMPUTER RADIOS, CHOOSE THE VANGUARD VG7P.

VG7P FEATURES

- ALL STANDARD VANGUARD FM FEATURES
- AILERON RUDDER COUPLING
- THROTTLE A.T.V.
- FLAP/ELEVATOR MIXING
- TOTAL TRAVEL ADJUSTMENT ON AILERON, ELEVATOR AND RUDDER
- PROPORTIONAL AUXILIARY CHANNEL
- EXPANDED SCALE VOLTMETER
- THREE-POSITION FLAP SWITCH



TRANSMITTER SPECIFICATIONS

TRANSMITTER TYPE	4, 6, AND 7 CHANNEL FM, 6 CHANNEL PCM /DUAL STICK
DIMENSIONS	L: 7.5" (190 MM) x W: 7.25" (184 MM) x H: 2.375" (60 MM)
WEIGHT	31 oz. (879 g)
POWER OUTPUT	600 MW
FREQUENCIES	50, 53, 72, AND 75 MHZ
MODULATION	PPM/FM, PCM/FM
POWER SUPPLY	95010 9.6 VOLT, MAH NiCd
CURRENT DRAIN	190 MA
TEMPERATURE RANGE	32-110°F
PULSE WIDTH	1.5 MS (NOMINAL)



CALIBER 3P. THE FIRST
COMPUTER PISTOL GRIP RADIO
FOR SERIOUS CAR AND BOAT
RACERS.

GET THE COMPETITIVE EDGE IN CAR OR BOAT RACING WITH THE CALIBER 3P...THE WORLD'S FIRST FULLY COMPUTER PROGRAMMABLE PISTOL GRIP R/C RADIO. THE NEXT GENERATION IN TECHNICALLY ADVANCED R/C SYSTEM DESIGN, THE HIGH RESOLUTION CALIBER FM SYSTEM GIVES YOU SUPER FAST RESPONSE TIME, PLUS THE ABILITY TO PROGRAM UP TO THREE DIFFERENT MODEL SETTINGS IN THE TRANSMITTER'S MEMORY.

CALIBER'S ADVANCED MICRO COMPUTER FLEXIBILITY LETS YOU SET UP AND FINE TUNE ANY MODEL FOR A SPECIFIC RACING TRACK OR SURFACE CONDITIONS IN MINUTES, NOT HOURS.

AND IT'S LOADED WITH A HOST OF TOP CALIBER PERFORMANCE FEATURES. YOU'LL LIKE THE COMFORTABLE, BALANCED FEEL OF THE FUNCTIONAL PISTOL GRIP AS YOU FIRE OUT ITS COMMANDS. THE EASILY REVERSIBLE HANDLE QUICKLY CONVERTS FOR EITHER RIGHT OR LEFT HANDED OPERATION...FITS NATURALLY IN YOUR HAND. OPTIONAL RUBBER GRIP PAD FOR ADDED COMFORT.



SYSTEM PACKAGES

ALL SYSTEM CONFIGURATIONS INCLUDE FLAGS, SERVO ARMS, AND MOUNTING HARDWARE.

SYSTEM #: 90140

MODEL	CL3P/102 (DRY BATTERY) FOR SPORT		
TRANSMITTER TYPE	CL3P x 1		
RECEIVER TYPE	92237 (27)	92736 (75)	x 1
SERVOS	94102 x 2		

SYSTEM #: 90141

MODEL	CL3P/143 (NiCd) FOR ON-ROAD		
TRANSMITTER TYPE	CL3P x 1		
RECEIVER TYPE	92237 (27)	92736 (75)	x 1
SERVOS	94143 x 1		
CHARGER	95033 x 1		

SYSTEM #: 90142

MODEL	CL3P/151 (NiCd) FOR OFF-ROAD		
TRANSMITTER TYPE	CL3P x 1		
RECEIVER TYPE	92237 (27)	92736 (75)	x 1
SERVOS	94151 x 1		
CHARGER	95033 x 1		

SYSTEM #: 90143

MODEL	CL3P/152 (NiCd) FOR 1/8 AND 1/4 SCALE AND POWER BOATS		
TRANSMITTER TYPE	CL3P x 1		
RECEIVER TYPE	92237 (27)	92736 (75)	x 1
SERVOS	94152 x 2		
RECEIVER NiCd	95007 x 1		
CHARGER	95033 x 1		

SYSTEM #: 90144

MODEL	CL3P/143SC (NiCd) FOR ON-ROAD		
TRANSMITTER TYPE	CL3P x 1		
RECEIVER TYPE	92237 (27)	92736 (75)	x 1
SERVOS	94143 x 1		
CHARGER	95033 x 1		
SPECIAL ACCESSORIES TRIUMPH 107 SPEED CONTROLLER	96313 x 1		

SYSTEM #: 90145

MODEL	CL3P/151SC (NiCd) FOR OFF-ROAD		
TRANSMITTER TYPE	CL3P x 1		
RECEIVER TYPE	92237 (27)	92736 (75)	x 1
SERVOS	94151 x 1		
CHARGER	95033 x 1		
SPECIAL ACCESSORIES TRIUMPH 112 SPEED CONTROLLER	96314 x 1		

CALIBER 3P FEATURES

- ADJUSTABLE STEERING AND THROTTLE RATE CONTROL
- ADJUSTABLE RATE CONTROL POINT
- THUMB ACTIVATED STEERING DUAL RATE
- TRIM MEMORY
- STEERING AND THROTTLE END POINT ADJUSTMENT
- PROPORTIONAL THIRD CHANNEL
- SERVO REVERSING
- THROTTLE IDLE UP
- DIRECT SERVO CONTROLLER
- ADJUSTABLE STEERING WHEEL TENSION
- PROGRAMMABLE STOPWATCH WITH ALARM
- PLUG-IN R.F. MODULES
- OPTIONAL NiCd BATTERY PACKS
- POWER VOLTAGE DISPLAY
- KEY LOCK PROTECTION
- MODEL SELECT
- DATA RESET
- TRANSMITTER BATTERY ALARM
- DISPLAY SWITCH
- DATA COPY

TRANSMITTER SPECIFICATIONS

TRANSMITTER TYPE	3 CHANNEL FM / PISTOL GRIP
DIMENSIONS	L: 7" (178 MM) x W: 3.75" (95 MM) x H: 9.5" (242 MM)
WEIGHT	28.55 oz.(807 G) (INCLUDING DRY CELLS)
POWER OUTPUT	500 MW
FREQUENCIES	27 AND 75 MHZ
MODULATION	PPM/FM
POWER SUPPLY	12.0 VOLT AA DRY CELL OR 95016 9.6 VOLT 700 MAH NiCd
CURRENT DRAIN	225 MA
TEMPERATURE RANGE	32-110° F
PULSE WIDTH	1.5 MS (NOMINAL)

CS2P/XL2P. PISTOL GRIP
COMFORT AND CONTROL.
FOR SURFACE AND WATER
BORNE ACTION.

READY! SET! GO!...FOR EXCITING, HIGH POWERED CAR AND BOAT RACING ACTION. WITH THE RUGGED, LIGHTWEIGHT AIRTRONICS CS2P AND XL2P 2-CHANNEL, PISTOL GRIP R/C SYSTEMS, YOU'RE ASSURED OF MAXIMUM PERFORMANCE AND MANEUVERABILITY, REGARDLESS OF SURFACE CONDITIONS.

AND YOU'RE ALWAYS IN COMPLETE COMMAND, THANKS TO FUNCTIONAL FEATURES LIKE SENSITIVE TRIGGER THROTTLE RESPONSE AND THUMB-ACTIVATED PROPORTIONAL BRAKE CONTROL, AND POSITIVE, QUICK STEERING RESPONSE.

THE BALANCED PISTOL GRIP HANDLE FITS NATURALLY AND COMFORTABLY IN YOUR HAND, AND EASILY REVERSES FOR EITHER RIGHT OR LEFT HANDED OPERATIONS.

THE CS2P FM IS LOADED WITH MANY FEATURES, AND IS THE RADIO OF CHOICE FOR MANY OF THE TOP NATIONAL AND WORLD CHAMPION DRIVERS, INCLUDING 1991 R.O.A.R. WORLD CHAMPION, CLIFF LETT.

THE XL2P IS THE PERFECT CHOICE FOR THE INTERMEDIATE, ECONOMICAL "RACER" RADIO SYSTEM, AND HAS MANY FEATURES USUALLY FOUND ONLY IN MORE EXPENSIVE RADIOS.

CS2P AND XL2P FEATURES

- TRIGGER OPERATED THROTTLE
- THUMB ACTIVATED PANIC BRAKE BUTTON
- FUNCTIONAL PISTOL-GRIP DESIGN WITH REVERSIBLE HANDLE
- HIGH VISIBILITY LED "ON" INDICATOR
- SERVO REVERSING ON ALL CHANNELS
- POSI-GRIP WHEEL WITH ADJUSTABLE STEERING TENSION
- STEERING DUAL RATE ADJUSTMENT
- ADJUSTABLE TRAVEL VOLUME ON THROTTLE
- OPTIONAL NiCd CONVERSION AVAILABLE
- COMPACT, LIGHTWEIGHT MINI-RECEIVER OR MICRO RECEIVER
- PLUG-IN CRYSTALS
- ADJUSTABLE TRAVEL VOLUME ON STEERING (CS2P)
- DIRECT SERVO CONTROLLER (CS2P)
- THROTTLE EXPONENTIAL ADJUSTMENT (CS2P)
- PLUG-IN FREQUENCY MODULES (CS2P)
- STEERING EXPONENTIAL ADJUSTMENT (CS2P)
- R.F. OUTPUT METER (CS2P)



SYSTEM PACKAGES

ALL SYSTEM CONFIGURATIONS INCLUDE FLAGS, SERVO ARMS, AND MOUNTING HARDWARE.

SYSTEM #: 90059

MODEL	XL2P/102 (DRY BATTERY) FOR SPORT
TRANSMITTER TYPE	XL2P x 1
RECEIVER TYPE	92621 (27) 92523 (75) x 1
SERVOS	94102 x 2

SYSTEM #: 90060

MODEL	XL2P/831 FOR SPORT ON-ROAD
TRANSMITTER TYPE	XL2P x 1
RECEIVER TYPE	92621 (27) 92523 (75) x 1
SERVOS	94831 x 2

SYSTEM #: 90111

MODEL	XL2P/102SC FOR SPORT (INCLUDES SPEED CONTROL)
TRANSMITTER TYPE	XL2P x 1
RECEIVER TYPE	92621 (27) 92523 (75) x 1
SERVOS	94102 x 1
SPECIAL ACCESSORIES	
CONTENDER SPEED CONTROLLER	96315 x 1

SYSTEM #: 90047

MODEL	CS2P/102 FOR SPORT
TRANSMITTER TYPE	CS2P x 1
RECEIVER TYPE	92237 (27) 92236 (75) x 1
SERVOS	94102 x 2

SYSTEM #: 90045

MODEL	CS2P/831 FOR ON-ROAD
TRANSMITTER TYPE	CS2P x 1
RECEIVER TYPE	92237 (27) 92236 (75) x 1
SERVOS	94831 x 2

TRANSMITTER SPECIFICATIONS

TRANSMITTER TYPE	2 CHANNEL / PISTOL GRIP	
DIMENSIONS	L: 6.9" (175 MM) x W: 9.5" (241 MM) x H: 5.25" (133 MM)	
WEIGHT	26.2 oz. (743 G) (INCLUDING BATTERIES)	(CS2P)
	24 oz. (680 G) (INCLUDING BATTERIES)	(XL2P)
POWER OUTPUT	500 MW (CS2P) 500 MW (XL2P)	
FREQUENCIES	27 AND 75 MHZ	
MODULATION	PPM/FM (CS2P) PPM/AM (XL2P)	
POWER SUPPLY	12 VOLT 8 CELL DRY CELL/95011 9.6 VOLT 8 CELL NiCd	
CURRENT DRAIN	150 MA (CS2P) 125 MA (XL2P)	
TEMPERATURE RANGE	32-110° F	
PULSE WIDTH	1.5 MS (NOMINAL)	

VT2P. PISTOL GRIP CONVENIENCE AND CONTROL.

IDEAL FOR ENTRY-LEVEL R/C CAR AND BOAT ENTHUSIASTS, THE 2-CHANNEL VT2P HAS HIGH PERFORMANCE FEATURES AND IS DESIGNED FOR THE HOBBYIST WHO PREFERS THE PRECISION CONTROL OF A PISTOL-GRIP RADIO. THE VT2P'S COMFORTABLE PISTOL GRIP STEERING CONTROL AND TRIGGER OPERATED THROTTLE INSURE NATURAL AND PRECISION OPERATION OF ALL SURFACE AND WATER BORNE R/C MODELS, AND IS ALSO AVAILABLE WITH AN OPTIONAL SPEED CONTROLLER.

VT2P FEATURES

- TRIGGER OPERATED THROTTLE
- FUNCTIONAL PISTOL-GRIP DESIGN
- POSI-GRIP WHEEL
- BATTERY METER
- SERVO REVERSING ON BOTH CHANNELS
- BATTERY ELIMINATOR RECEIVER CIRCUITRY (BEC)
- PLUG-IN CRYSTALS
- EASY TO READ BATTERY METER
- OPTIONAL HIGH QUALITY NiCd BATTERIES
- COMPACT, LIGHTWEIGHT MINI-RECEIVER
- COMPLETE OPERATIONAL HARDWARE

SYSTEM PACKAGES

ALL SYSTEM CONFIGURATIONS INCLUDE FLAGS, SERVO ARMS, AND MOUNTING HARDWARE.

SYSTEM #: 90065

MODEL	VT2P/102 (DRY BATTERY) FOR SPORT
TRANSMITTER TYPE	VT2P x 1
RECEIVER TYPE	92621 (27) 92523 (75) x 1
SERVOS	94102 x 2

SYSTEM #: 90110

MODEL	VT2P/102SC (DRY BATTERY) INCLUDES SPEED CONTROL
TRANSMITTER TYPE	VT2P x 1
RECEIVER TYPE	92621 (27) 92523 (75) x 1
SERVOS	94102 x 1
SPECIAL ACCESSORIES	
CONTENDER SPEED CONTROLLER	96315 x 1



TRANSMITTER SPECIFICATIONS

TRANSMITTER TYPE	2 CHANNEL/PISTOL GRIP
DIMENSIONS	L: 7" (178 MM) x W: 2.75" (70 MM) x H: 10.35" (263 MM)
WEIGHT	16 oz. (454 g)
POWER OUTPUT	450 MW
FREQUENCIES	27 AND 75 MHZ
MODULATION	PPM/AM
POWER SUPPLY	8 "AA" SIZE DRY CELLS/9.6 VOLT 8 CELL NiCd
CURRENT DRAIN	140 MA
TEMPERATURE RANGE	32-110° F
PULSE WIDTH	1.5 MS (NOMINAL)

TRANSMITTER SPECIFICATIONS

TRANSMITTER TYPE	2 CHANNEL/2 STICK
DIMENSIONS	L: 6.5" (165 MM) x W: 2" (51 MM) x H: 7" (178 MM)
WEIGHT	16 oz. (454 g)
POWER OUTPUT	450 MW
FREQUENCIES	27 AND 75 MHZ
MODULATION	PPM/AM
POWER SUPPLY	8 "AA" SIZE DRY CELLS/ 9.6 VOLT 8 CELL NiCd
CURRENT DRAIN	140 MA
TEMPERATURE RANGE	32-110° F
PULSE WIDTH	1.5 MS (NOMINAL)

AVENGER R/C SYSTEMS. IDEAL FOR THE VALUE CONSCIOUS.

JUST STARTING OUT IN R/C CAR AND BOAT MODELING, YET KEEPING AN EYE ON THE BUDGET? THEN THE AVENGER AV2R AND AV2S TWO-CHANNEL SYSTEMS ARE FOR YOU. YOU GET A HOST OF FUNCTIONAL R/C FEATURES, QUALITY COMPONENTS, CRAFTSMANSHIP AND TOP PERFORMANCE...ALL AT AN AFFORDABLE PRICE.

BOTH SYSTEMS HAVE BEEN SPECIALLY DESIGNED FOR ENTRY-LEVEL CAR AND BOAT MODELERS, AND FEATURE AN ERGONOMIC TWO STICK, TWO CHANNEL TRANSMITTER AND AN ATTRACTIVE HIGH TECH APPEARANCE.

AV2R/AV2S FEATURES

- SERVO REVERSING ON BOTH CHANNELS (AV2R)
- BATTERY ELIMINATOR RECEIVER CIRCUITRY (B.E.C.)
- PLUG-IN CRYSTALS
- EASY TO USE
- BATTERY INDICATOR
- OPTIONAL HIGH QUALITY NiCd BATTERIES
- TWO SINGLE-AXIS STICK ASSEMBLIES
- COMPACT, LIGHTWEIGHT MINI-RECEIVER
- COMPLETE OPERATIONAL HARDWARE

SYSTEM PACKAGES

SYSTEM #: 90120

MODEL	AV2S/102 (DRY BATTERY)
TRANSMITTER TYPE	AV2S x 1
RECEIVER TYPE	92621 (27) 92123 (75) x 1
SERVOS	94102 x 2

SYSTEM #: 90121

MODEL	AV2R/102 (DRY BATTERY)
TRANSMITTER TYPE	AV2R x 1
RECEIVER TYPE	92621 (27) 92123 (75) x 1
SERVOS	94102 x 2



RECEIVERS

AIRTRONICS STATE OF THE ART RECEIVERS HAVE ESTABLISHED AN OUTSTANDING REPUTATION THROUGH YEARS OF EXTENSIVE USE AND FIELD TESTING.

IN CERTIFIED INDEPENDENT TESTS, AIRTRONICS GOLD LABEL SUPER NARROW BAND DUAL CONVERSION FM AND PCM AIRCRAFT RECEIVERS MEET AND ACTUALLY EXCEED ALL AMA AND FCC SPECIFICATIONS AND GUIDELINES FOR R/C OPERATION IN 1991 AND BEYOND.

INNOVATIVE DESIGN, ADVANCED ELECTRONICS AND HIGH QUALITY MATERIALS PROVIDE RUGGED RELIABILITY AND SUPERIOR PERFORMANCE AND NOISE REJECTION CAPABILITY.



PART #	RECEIVER	DIMENSIONS	WEIGHT	ADJACENT CHANNEL REJECTION	IMAGE REJECTION	3RD ORDER INTERCEPT POINT	SENSITIVITY	FEATURES
92123 (75 MHz) 92523 (75 MHz) 92621 (27 MHz)	2 CHANNEL MINI B.E.C. RECEIVER, AM	L: 2.1" (53 MM) W: 1.3" (33 MM) H: 0.75" (19 MM)	1 oz. (28 G)	N/A	N/A	N/A	3.0 MICROVOLTS	PLUG-IN CRYSTAL
92236 (75 MHz) 92237 (27 MHz)	3 CHANNEL MICRO RECEIVER, FM	L: 1.8" (46 MM) W: 1.125" (29 MM) H: 0.75" (19 MM)	1 oz. (28 G)	N/A	N/A	N/A	3.0 MICROVOLTS	19" ANTENNA, PLUG-IN CRYSTAL
92736	3 CHANNEL MICRO NARROWBAND RECEIVER 75 MHz FM	L: 1.75" (44.5 MM) W: 0.79" (20 MM) H: 1.10" (28 MM)	0.88 oz. (25 G)	BETTER THAN -75dB @ +8.5KHZ -64dB @ -8.5 KHZ	-70.8 DB	+21 DBM	3.0 MICROVOLTS	19" ANTENNA, PLUG-IN CRYSTAL
92745	4 CHANNEL DUAL CONVERSION SUPER NARROW BAND MICRO RECEIVER, 72 MHz FM	L: 2.25" (57 MM) W: 0.96" (24.5 MM) H: 0.82" (21 MM)	1 oz. (28 G)	BETTER THAN -67 DB @ +8.5 KHZ -69.2 DB @ -8.5 KHZ	-63.4 DB	+8 DBM	1.5 MICROVOLTS	DUAL CONVERSION, CRYSTAL FILTER, PLUG-IN CRYSTAL
92765 (72 MHz) 92766 (75 MHz) 92775 (72 MHz) 92776 (75 MHz) 92764 (53 MHz) 92768 (50 MHz) 92774 (53 MHz) 92778 (50 MHz)	6 OR 7 CHANNEL DUAL CONVERSION SUPER NARROW BAND RECEIVER, FM	L: 2.7" (69 MM) W: 1.36" (34.5 MM) H: 0.85" (21.5 MM)	2 oz. (56 G)	BETTER THAN -81.3 DB @ +8.5 KHZ -69.2 DB @ -8.5 KHZ	-70.8 DB	+3.8 DBM	1.5 MICROVOLTS	DUAL CONVERSION, CRYSTAL FILTER, PLUG-IN CRYSTAL
92785 (72 MHz) 92784 (53 MHz) 92788 (50 MHz)	8 CHANNEL DUAL CONVERSION SUPER NARROW BAND RECEIVER, FM	L: 2.4" (61 MM) W: 1.5" (38 MM) H: 0.8" (20 MM)	2 oz. (56 G)	BETTER THAN -69.4 DB @ +8.5 KHZ -77.3 DB @ -8.5 KHZ	-67.1 DB	+5.9 DBM	1.5 MICROVOLTS	DUAL CONVERSION, CRYSTAL FILTER, PLUG-IN CRYSTAL
92965 (72 MHz) 92964 (53 MHz) 92968 (50 MHz)	6 CHANNEL DUAL CONVERSION SUPER NARROW BAND RECEIVER, FM/PCM	L: 2.4" (61 MM) W: 1.5" (38 MM) H: 0.8" (20 MM)	2 oz. (56 G)	BETTER THAN -69.4 DB @ +8.5 KHZ -77.3 DB @ -8.5 KHZ	-67.1 DB	+5.9 DBM	1.5 MICROVOLTS	DUAL CONVERSION, CRYSTAL FILTER, PLUG-IN CRYSTAL
92985 (72 MHz) 92984 (53 MHz) 92988 (50 MHz)	8 CHANNEL DUAL CONVERSION SUPER NARROW BAND RECEIVER, FM/PCM	L: 2.4" (61 MM) W: 1.5" (38 MM) H: 0.8" (20 MM)	2 oz. (56 G)	BETTER THAN -69.4 DB @ +8.5 KHZ -77.3 DB @ -8.5 KHZ	-67.1 DB	+5.9 DBM	1.5 MICROVOLTS	DUAL CONVERSION, CRYSTAL FILTER, PLUG-IN CRYSTAL
92915 (72 MHz) 92914 (53 MHz) 92918 (50 MHz)	10 CHANNEL DUAL CONVERSION SUPER NARROW BAND RECEIVER, FM/PCM	(DIMENSIONS AND FEATURES NOT AVAILABLE AT PRESS TIME. PLEASE CALL FOR MORE INFORMATION)						
92115 (72 MHz) 92114 (53 MHz) 92118 (50 MHz)	10 CHANNEL PLL SYNTHESIZED DUAL CONVERSION SUPER NARROW BAND RECEIVER, FM/ATCP	(DIMENSIONS AND FEATURES NOT AVAILABLE AT PRESS TIME. PLEASE CALL FOR MORE INFORMATION)						

SERVO

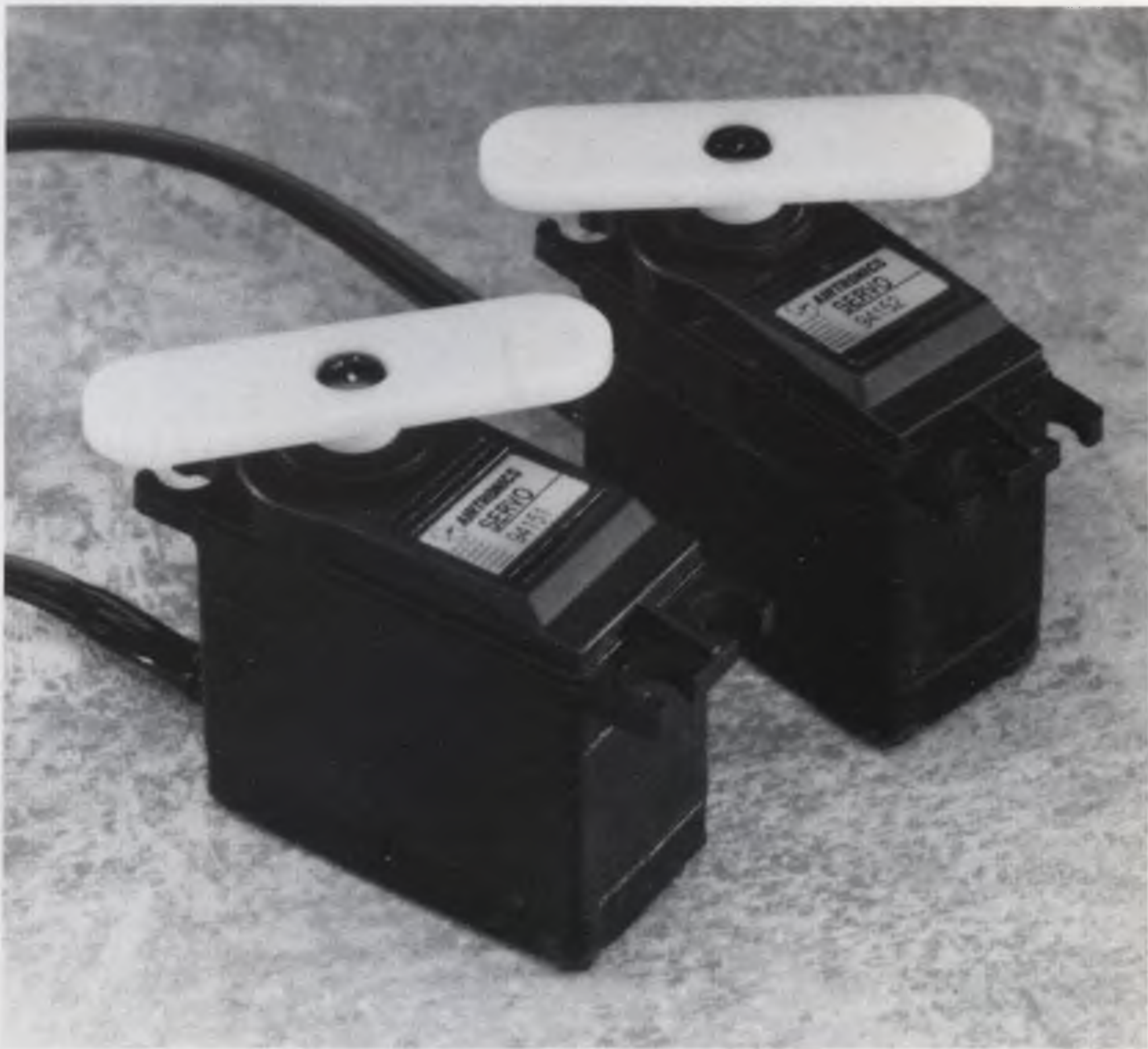
AIRTRONICS OFFERS A COMPLETE LINE OF TOP QUALITY PRECISION SERVO'S AVAILABLE IN A VARIETY OF R/C MODELING APPLICATIONS.

OUR SERVO'S FEATURE SPLINED OUTPUT SHAFTS FOR EASIER CONTROL SURFACE ADJUSTMENTS. MOLDED NEOPRENE VIBRATION ISOLATORS AND INJECTION MOLDED SERVO CASES ENSURE SUPERIOR STRENGTH AND OUTSTANDING DURABILITY. ALL OUR SERVO'S ARE MANUFACTURED WITH RUGGED HEAVY DUTY GEAR TRAINS AND ARE FULLY COMPATIBLE WITH ALL AIRTRONICS AM, FM AND PCM SYSTEMS.

AIRTRONICS OFFERS YOU THE FINEST SELECTION OF QUALITY SERVO'S DESIGNED TO MEET EVERY R/C APPLICATION OR REQUIREMENT.

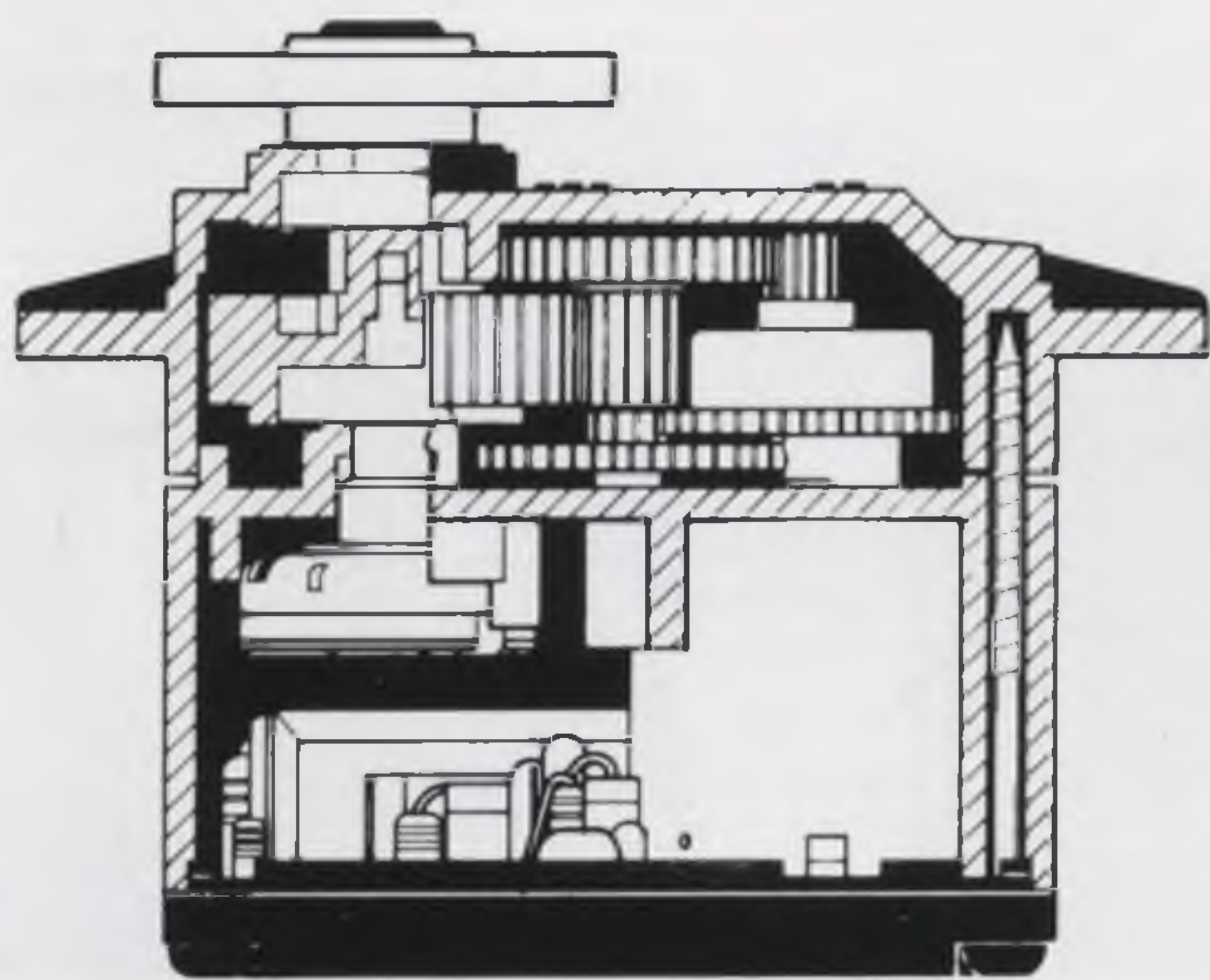


94102



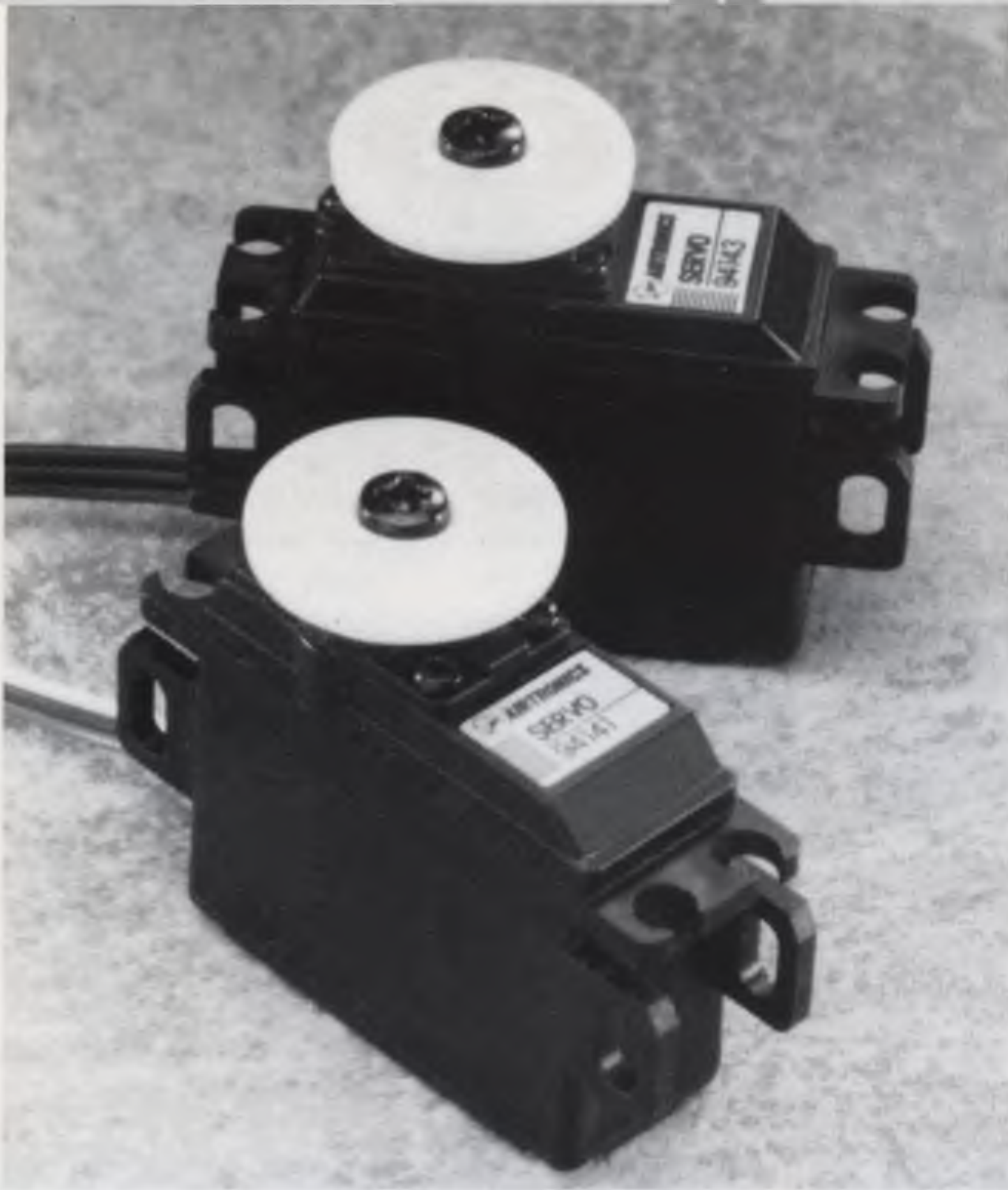
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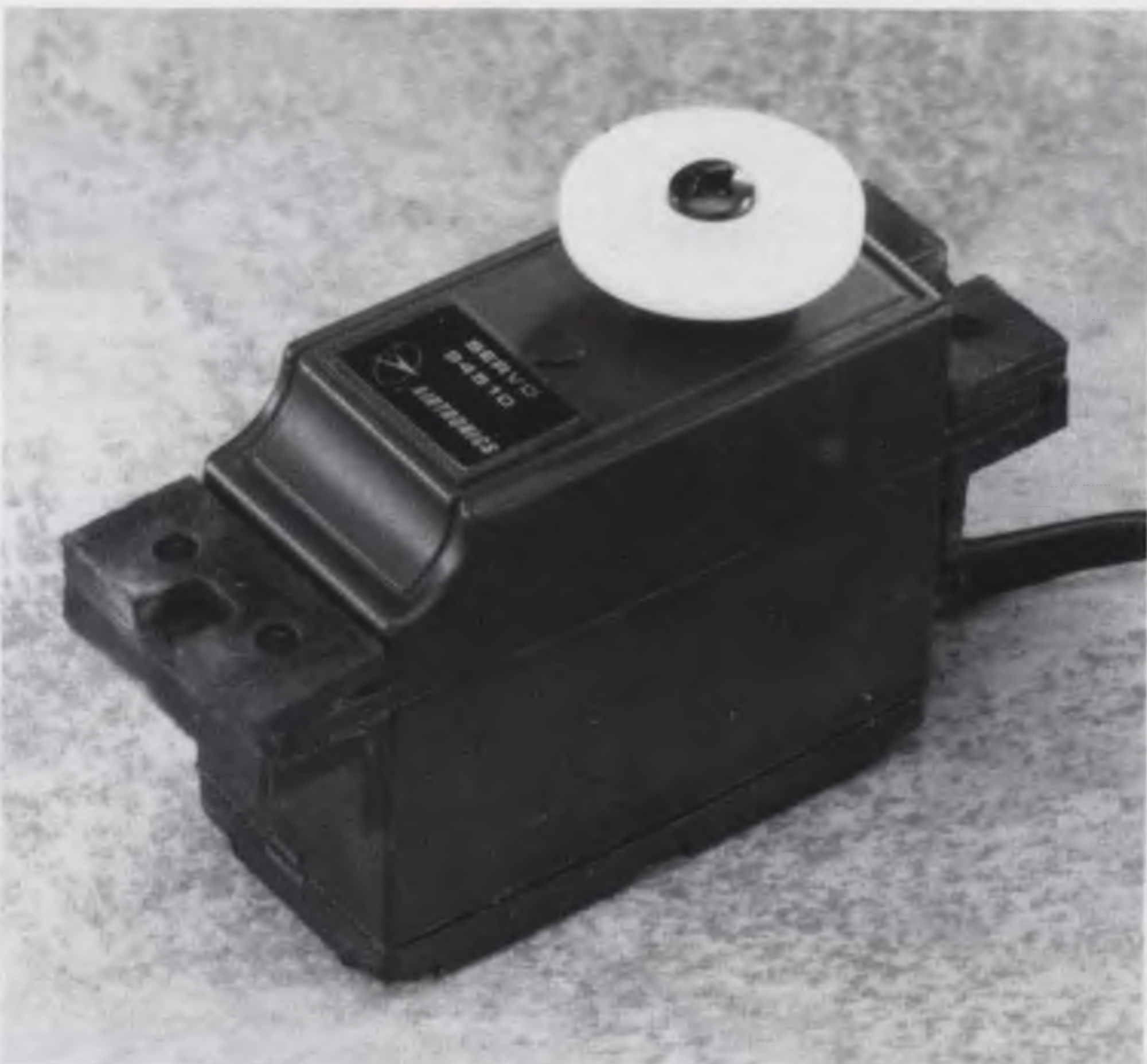


SERVO SPECIFICATIONS

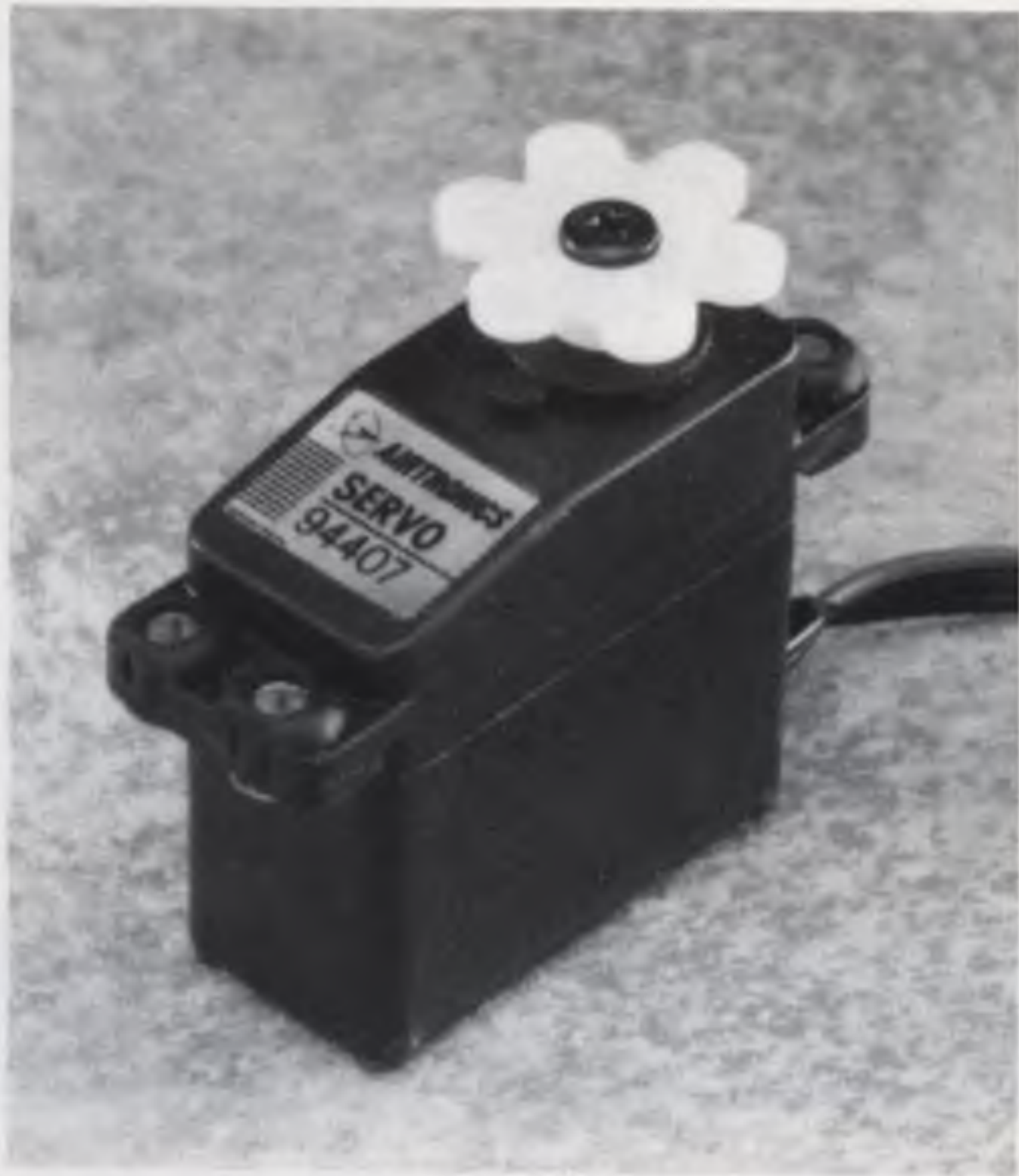
PART #	SERVO	DIMENSIONS	WEIGHT	TORQUE	TRANSIT TIME	MOTOR	DEADBAND
94102 (94103)	PRECISION HEAVY DUTY STANDARD SERVO	L: 1.54" (39 MM) x W: 0.79" (20 MM) x H: 1.42" (36 MM)	1.59 oz. (45 g)	50 oz./IN. (3.5 KG/CM)	0.22 SECONDS FOR 60° ROTATION	STANDARD 3 POLE	6.0 MICRO SECONDS
94141	PRECISION HIGH TORQUE BALL BEARING MICRO SERVO	L: 1.42" (36 MM) x W: 0.60" (15 MM) x H: 1.29" (32.5 MM)	117 oz. (33 g)	45 oz./IN. (3.2 KG/CM)	0.20 SECONDS FOR 60° ROTATION	CORELESS	1.5 MICRO SECONDS
94143	PRECISION HIGH SPEED BALL BEARING MICRO SERVO	L: 1.42" (36 MM) x W: 0.60" (15 MM) x H: 1.29" (32.5 MM)	1.06 oz. (30 g)	33 oz./IN. (2.3 KG/CM)	0.09 SECONDS FOR 60° ROTATION	CORELESS	3.0 MICRO SECONDS
94151	PRO HIGH SPEED BALL BEARING SERVO	L: 1.54" (39 MM) x W: 0.79" (20 MM) x H: 1.48" (37.4 MM)	1.87 oz. (53 g)	75 oz./IN. (5.3 KG/CM)	0.08 SECONDS FOR 60° ROTATION	CORELESS	2.7 MICRO SECONDS
94152	PRO HIGH TORQUE BALL BEARING SERVO	L: 1.54" (39 MM) x W: 0.79" (20 MM) x H: 1.48" (37.4 MM)	2.3 oz. (65 g)	105 oz./IN. (7.5 KG/CM)	0.12 SECONDS FOR 60° ROTATION	CORELESS	2.7 MICRO SECONDS
94161	PRO LARGE SCALE BALL BEARING SERVO	L: 1.54" (39 MM) x W: 0.79" (20 MM) x H: 1.65" (41 MM)	2.5 oz. (71 g)	135 oz./IN. (9.6 KG/CM)	0.25 SECONDS FOR 60° ROTATION	STANDARD 3 POLE	2.7 MICRO SECONDS
94407 (94408)	MICRO BALL BEARING SERVO	L: 1.23" (31 MM) x W: 0.60" (15 MM) x H: 1.23" (31 MM)	0.96 oz. (27 g)	29 oz./IN. (2.0 KG/CM)	0.23 SECONDS FOR 60° ROTATION	STANDARD 5 POLE	6.0 MICRO SECONDS
94501	MICROLITE SERVO	L: 1.07" (27 MM) x W: 0.50" (12.5 MM) x H: 1.07" (27 MM)	0.57 oz. (16 g)	29 oz./IN. (2.0 KG/CM)	0.23 SECONDS FOR 60° ROTATION	CORELESS	1.8 MICRO SECONDS
94510	HEAVY DUTY LARGE SCALE BALL BEARING SERVO	L: 1.87" (47.5 MM) x W: 0.9" (23 MM) x H: 1.54" (39 MM)	2.3 oz. (65 g)	110 oz./IN. (7.8 KG/CM)	0.33 SECONDS FOR 60° ROTATION	CORELESS	4.0 MICRO SECONDS
94581	SAIL WINCH	L: 3.55" (90 MM) x W: 1.58" (40 MM) x H: 1.78" (45 MM)	4.94 oz. (140 g)	170 oz./IN. (12 KG/CM)	5.0 SECONDS FOR 170° ROTATION	STANDARD 3 POLE	2.5 MICRO SECONDS
94732	CONTEST AIRCRAFT BALL BEARING SERVO	L: 1.54" (39 MM) x W: 0.79" (20 MM) x H: 1.38" (35 MM)	1.8 oz. (51 g)	68 oz./IN. (4.8 KG/CM)	0.19 SECONDS FOR 60° ROTATION	CORELESS	1.3 MICRO SECONDS
94734	CONTEST RETRACT BALL BEARING SERVO	L: 1.54" (39 MM) x W: 0.79" (20 MM) x H: 1.38" (35 MM)	1.73 oz. (49 g)	74 oz./IN. (5.2 KG/CM)	0.40 SECONDS FOR 60° ROTATION	STANDARD 5 POLE	N/A
94735	CONTEST HELICOPTER BALL BEARING SERVO	L: 1.54" (39 MM) x W: 0.79" (20 MM) x H: 1.38" (35 MM)	1.8 oz. (51 g)	75 oz./IN. (5.3 KG/CM)	0.20 SECONDS FOR 60° ROTATION	CORELESS	1.8 MICRO SECONDS
94737	CONTEST HIGH SPEED BALL BEARING SERVO	L: 1.54" (39 MM) x W: 0.79" (20 MM) x H: 1.38" (35 MM)	1.95 oz. (55 g)	57 oz./IN. (4.0 KG/CM)	0.15 SECONDS FOR 60° ROTATION	CORELESS	2.3 MICRO SECONDS
94738	CONTEST HIGH TORQUE BALL BEARING SERVO	L: 1.54" (39 MM) x W: 0.79" (20 MM) x H: 1.38" (35 MM)	1.95 oz. (55 g)	71 oz./IN. (5.0 KG/CM)	0.21 SECONDS FOR 60° ROTATION	CORELESS	1.8 MICRO SECONDS
94739	CONTEST PROPORTIONAL RETRACT BALL BEARING SERVO	L: 1.54" (39 MM) x W: 0.79" (20 MM) x H: 1.38" (35 MM)	1.77 oz. (50 g)	74 oz./IN. (5.2 KG/CM)	0.42 SECONDS FOR 60° ROTATION	STANDARD 5 POLE	2.7 MICRO SECONDS
94741	CONTEST STANDARD BALL BEARING SERVO	L: 1.54" (39 MM) x W: 0.79" (20 MM) x H: 1.38" (35.5 MM)	1.8 oz. (51 g)	57 oz./IN. (4.0 KG/CM)	0.21 SECONDS FOR 60° ROTATION	STANDARD 3 POLE	1.9 MICRO SECONDS
94831	MINI BALL BEARING SERVO	L: 1.46" (37 MM) x W: 0.71" (18 MM) x H: 1.18" (30 MM)	1.1 oz. (31 g)	38 oz./IN. (2.7 KG/CM)	0.21 SECONDS FOR 60° ROTATION	STANDARD 3 POLE	2.5 MICRO SECONDS



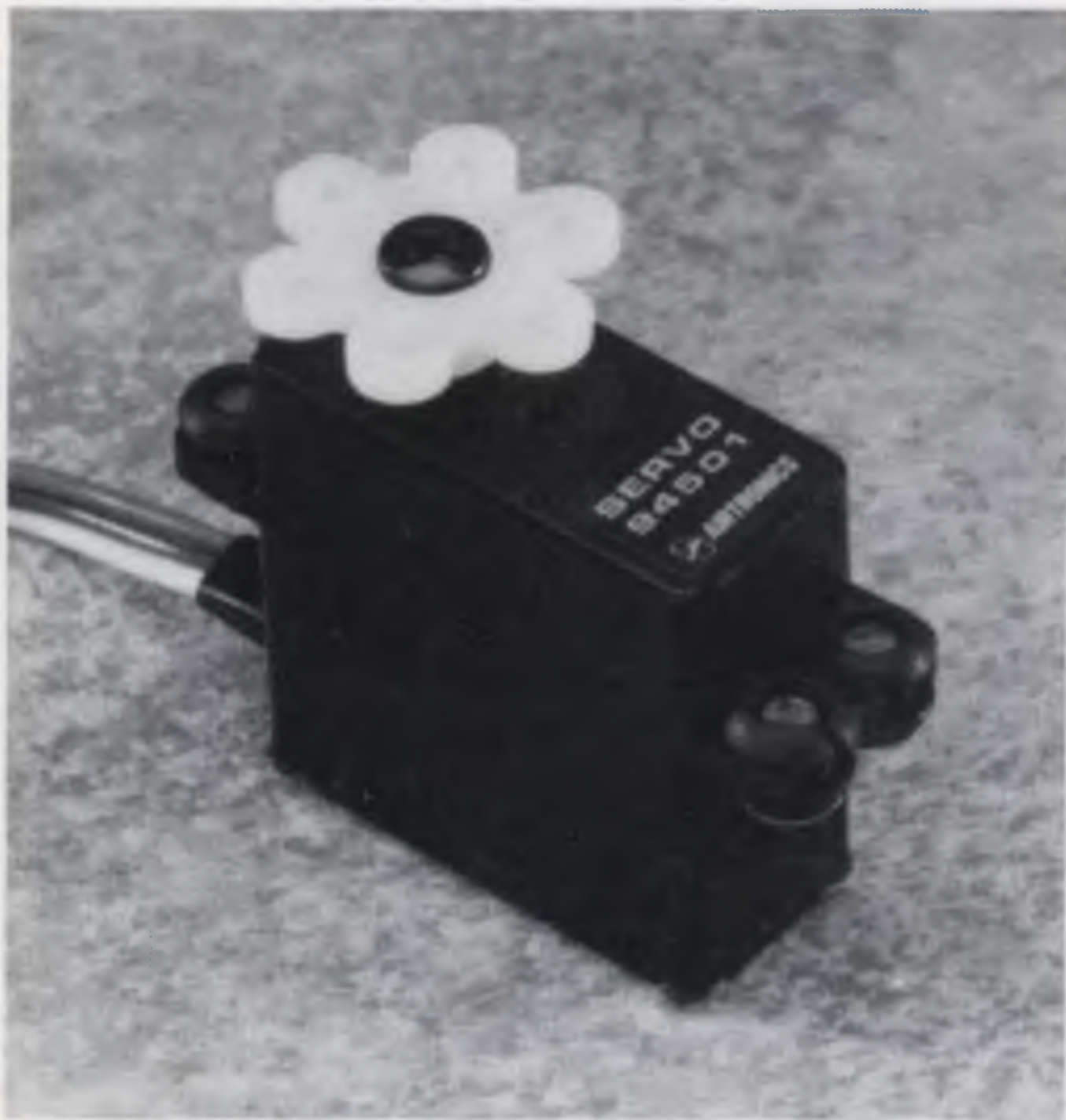
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94510



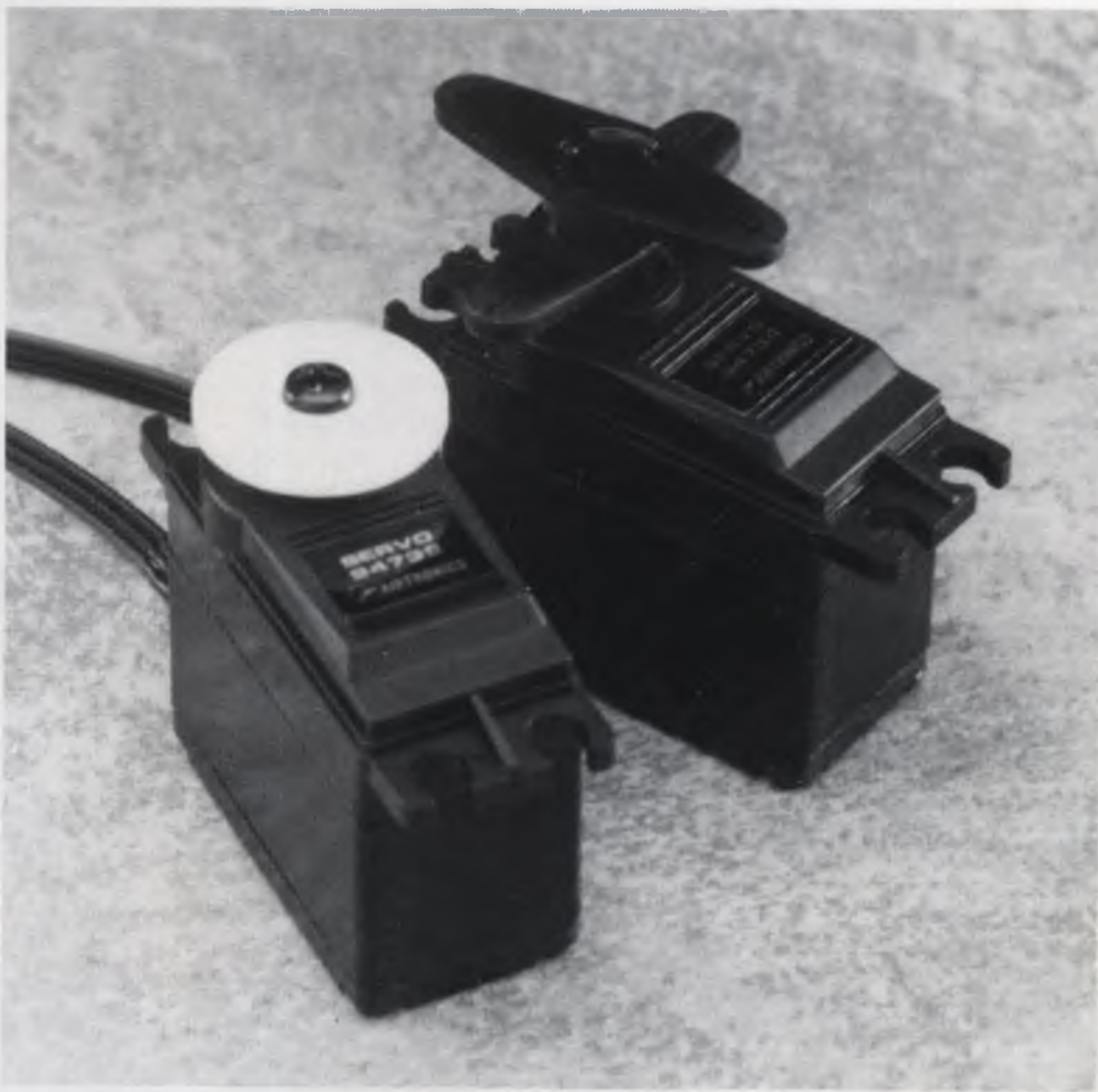
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94501

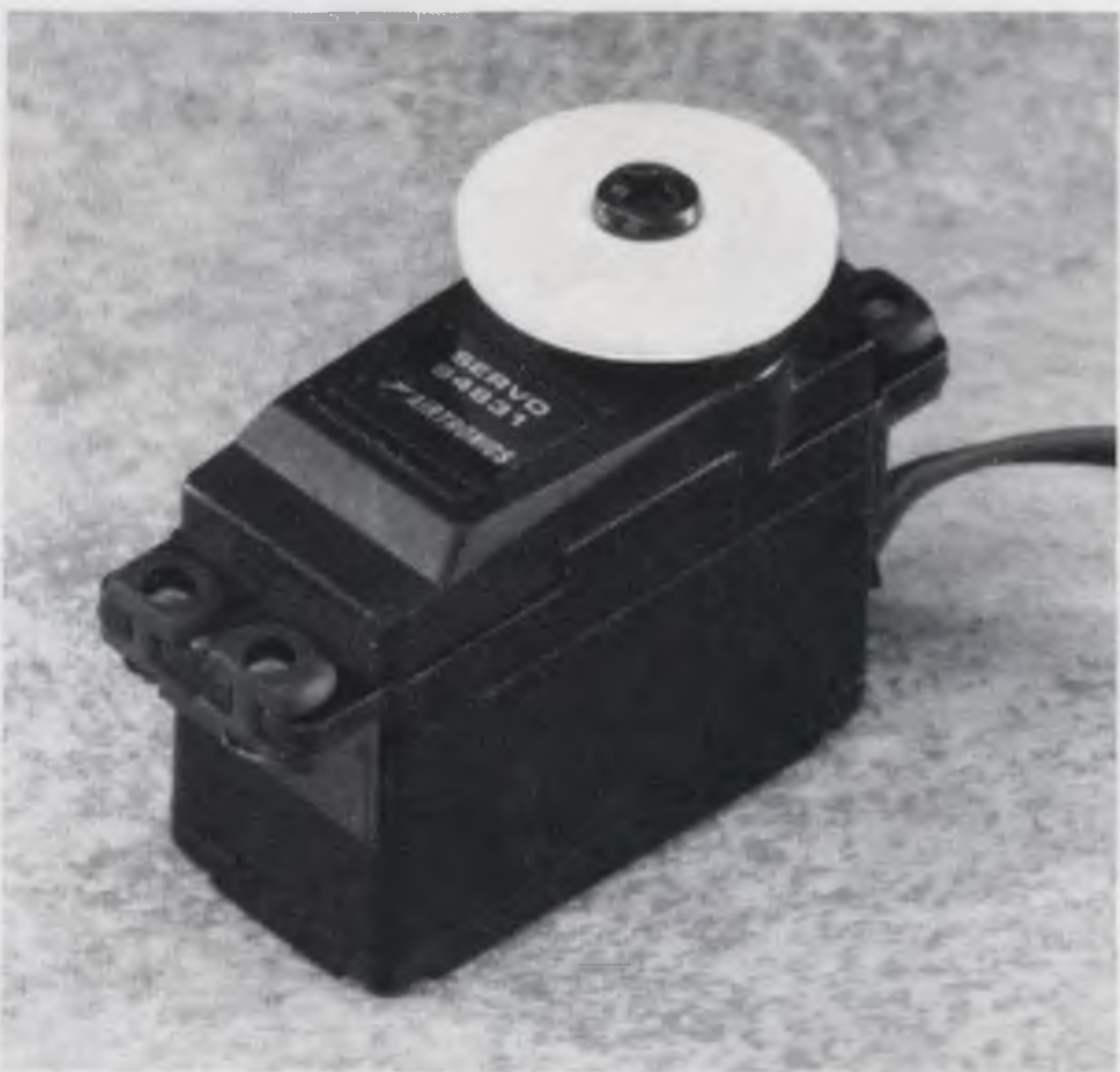


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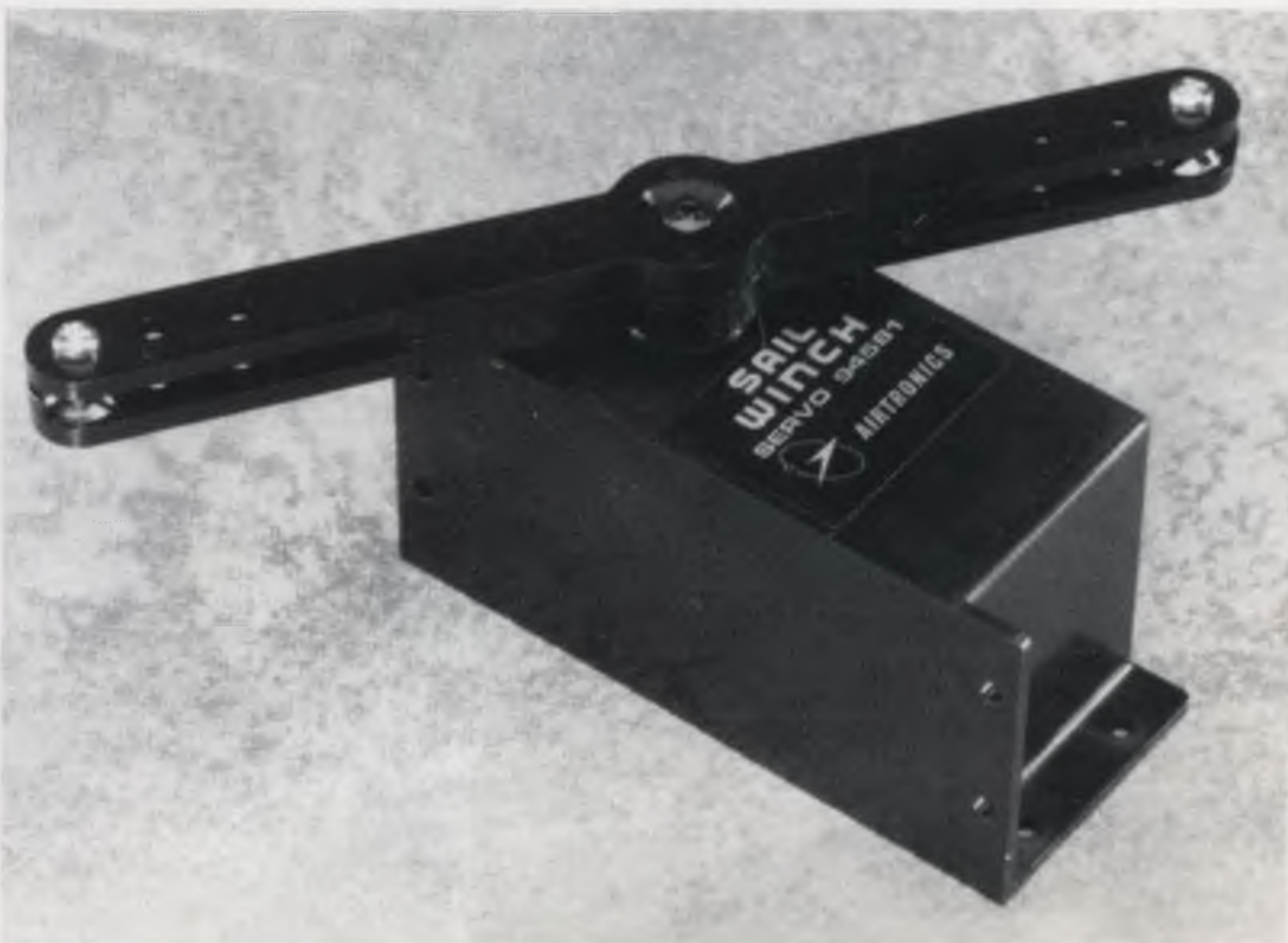


94732 94734

WATER RESISTANT*	BEARING	FEATURES
NO	NONE	INJECTION MOLDED CASE, VIBRATION ISOLATORS, MOLDED GEAR TRAIN USES STANDARD SERVO ARMS
NO	SINGLE BALL BEARING	SIDE MOUNTS MOLDED IN CASE, USES STANDARD SIZED ARMS, METAL GEARTRAIN, METAL OUTPUT GEAR
NO	SINGLE BALL BEARING	SIDE MOUNTS MOLDED IN CASE, METAL AND MOLDED GEARTRAIN, USES ALL STANDARD SIZED ARMS
YES	DOUBLE BALL BEARING	METAL AND MOLDED GEAR TRAIN USES ALL STANDARD SIZED ARMS, AND FET BOOSTED
YES	DOUBLE BALL BEARING	METAL GEAR TRAIN, USES ALL STANDARD SIZED ARMS, METAL OUTPUT GEAR, BOOSTED
YES	DOUBLE BALL BEARING	METAL GEAR TRAIN, USES ALL STANDARD SIZED ARMS, METAL OUTPUT GEAR
NO	SINGLE BALL BEARING	METAL AND MOLDED GEAR TRAIN, USES MICRO SIZED ARMS
NO	NONE	TWIN MOUNTING HOLES, INJECTION MOLDED CASE, SUPER LIGHT WEIGHT
YES	SINGLE BALL BEARING	INJECTION MOLDED CASE, USES STANDARD SIZED ARMS
YES	NONE	ADJUSTABLE SPLINED OUTPUT SHAFT, DUAL OUTPUT ARM
YES	DOUBLE BALL BEARING	INJECTION MOLDED CASE, MOLDED GEARTRAIN, USES ALL STANDARD SIZED ARMS
YES	DOUBLE BALL BEARING	INJECTION MOLDED CASE, MOLDED GEARTRAIN USES ALL STANDARD SIZED ARMS AND 96319 RETRACT ARM, 180° SWITCH TYPE
YES	DOUBLE BALL BEARING	INJECTION MOLDED CASE, MOLDED AND METAL GEARTRAIN, USES ALL STANDARD SIZED ARMS
YES	DOUBLE BALL BEARING	INJECTION MOLDED CASE, MOLDED AND METAL GEARTRAIN, USES ALL STANDARD SIZED ARMS
YES	DOUBLE BALL BEARING	INJECTION MOLDED CASE, METAL GEARTRAIN FITS ALL STANDARD SIZED ARMS
YES	DOUBLE BALL BEARING	INJECTION MOLDED CASE, METAL GEARTRAIN, USES ALL STANDARD SIZED ARMS, 180° TRAVEL
YES	DOUBLE BALL BEARING	INJECTION MOLDED CASE, MOLDED GEARTRAIN, USES ALL STANDARD SIZED ARMS
NO	SINGLE BALL BEARING	INJECTION MOLDED CASE, MOLDED GEARTRAIN, USES ALL STANDARD SIZED ARMS



94831



94581

* NOT WATER TIGHT SERVOS NOT SHOWN ACTUAL SIZE

BATTERIES AND CHARGERS

AIRTRONICS' COMPLETE LINE OF HIGH QUALITY, LONG LIFE BATTERY PACKS OFFER SUPERIOR RELIABILITY AND ARE FULLY COMPATIBLE WITH ALL OUR RADIO SYSTEMS.

RECEIVER NiCd BATTERIES AND DRY BATTERY HOLDERS

95001	RECEIVER NiCd BATTERY (SQUARE)	4.8V 100MAH
95002	RECEIVER NiCd BATTERY (FLAT)	4.8V 270MAH
95003	RECEIVER NiCd BATTERY (SQUARE)	4.8V 600MAH
95004	RECEIVER NiCd BATTERY (FLAT)	4.8V 600MAH
95005	RECEIVER NiCd BATTERY (FLAT)	4.8V 1200MAH
95006	RECEIVER NiCd BATTERY (FLAT)	4.8V 425MAH
95007	RECEIVER NiCd BATTERY (FLAT)	6.0V 425MAH
95008	RECEIVER NiCd BATTERY (FLAT)	4.8V 700MAH
95009	RECEIVER NiCd BATTERY (SQUARE)	4.8V 700MAH
95025	RECEIVER NiCd BATTERY (FLAT)	4.8V 1000MAH
95026	RECEIVER NiCd BATTERY (FLAT)	4.8V 1800MAH
95040	RECEIVER 4 CELL DRY BATTERY HOLDER	
95043	RECEIVER 4 CELL DRY BATTERY HOLDER WITH B.E.C. PLUG	

TRANSMITTER NiCd BATTERIES AND DRY BATTERY HOLDERS

95010	TRANSMITTER NiCd BATTERY FOR VANGUARD	9.6V 600MAH
95011	TRANSMITTER NiCd BATTERY FOR XL2P/CS2P	9.6V 500MAH
95014	TRANSMITTER NiCd BATTERY FOR VISION	9.6V 700MAH
95016	TRANSMITTER NiCd BATTERY FOR CALIBER	9.6V 700MAH
95017	TRANSMITTER NiCd BATTERY FOR INFINITY 600	9.6V 600MAH
95018	TRANSMITTER NiCd BATTERY FOR INFINITY 1000	9.6V 1100MAH
95041	TRANSMITTER 8 CELL DRY BATTERY HOLDER	
95042	TRANSMITTER 8 CELL DRY BATTERY HOLDER FOR XL2P/CS2P	
95044	TRANSMITTER 8 CELL DRY BATTERY HOLDER FOR CALIBER	

NiCd CONVERSION SETS

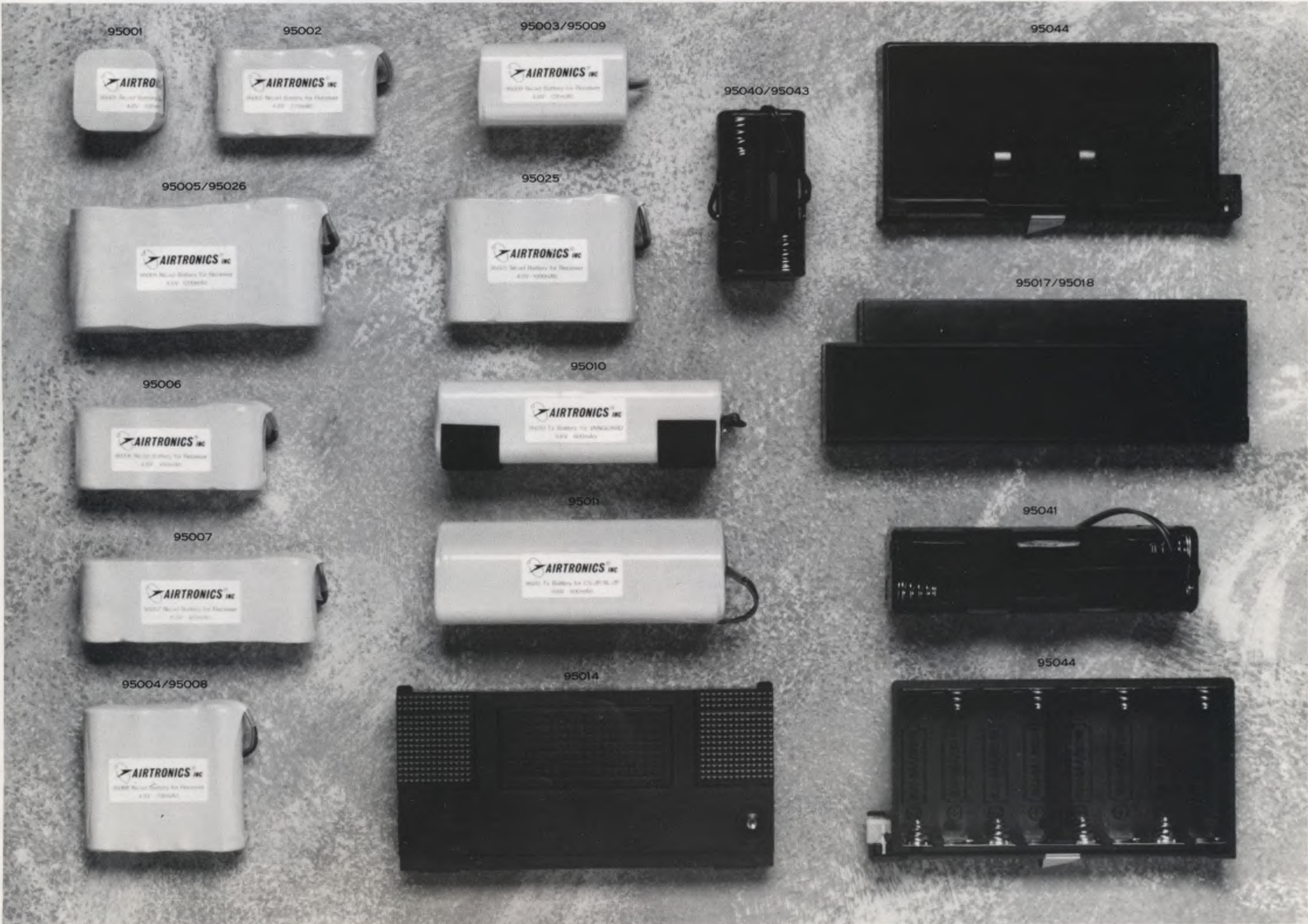
95021	NiCd CONVERSION SET FOR XL2P/CS2P
95022	NiCd CONVERSION SET FOR VECTOR/AVENGER

CHARGERS

95031	110V 120MA DUAL CHARGER
95032	110V 60MA DUAL CHARGER
95033	110V 75MA DUAL CHARGER
95034	110V 100MA DUAL CHARGER

DIMENSIONS AND WEIGHT OF RECEIVER NiCd BATTERIES

95001	L: 1.15" (29 MM) x W: 1.15" (29 MM) x H: 0.71" (18 MM)	1.1 oz. (31 g)
95002	L: 2.2" (56 MM) x W: 1.27" (32 MM) x H: 0.58" (14.5 MM)	2.05 oz. (58 g)
95004/95008	L: 2.2" (56MM) x W: 2.0" (51 MM) x H: 0.58" (14.5 MM)	3.52 oz. (100 g)
95003/95009	L: 2.2" (51 MM) x W: 1.0" (28 MM) x H: 1.16" (29 MM)	3.5 oz. (100 g)
95005/95026	L: 3.47" (88 MM) x W: 1.78" (45 MM) x H: 0.91" (23 MM)	7.4 oz. (210 g)
95006	L: 2.68" (68 MM) x W: 1.23" (31 MM) x H: 0.67" (17 MM)	2.83 oz. (80 g)
95007	L: 3.27" (83 MM) x W: 1.16" (29 MM) x H: 0.67" (17 MM)	3.53 oz. (100 g)
95025	L: 2.64" (67 MM) x W: 1.78" (45 MM) x H: 0.67" (17 MM)	4.41 oz. (125 g)



CRYSTALS

AIRTRONICS USES THE FINEST CRYSTALS AVAILABLE, CUT TO EXACTING TOLERANCES, TO ASSURE OPTIMUM SYSTEM PERFORMANCE AND RELIABILITY IN ALL OUR RADIOS.

AM
SURFACE CRYSTAL PAIRS

93110-1	AM CRYSTAL PAIR	26.995 MHZ
93110-2	AM CRYSTAL PAIR	27.045 MHZ
93110-3	AM CRYSTAL PAIR	27.095 MHZ
93110-4	AM CRYSTAL PAIR	27.145 MHZ
93110-5	AM CRYSTAL PAIR	27.195 MHZ
93110-6	AM CRYSTAL PAIR	27.255 MHZ
93110-62	AM CRYSTAL PAIR	75.430 MHZ
93110-64	AM CRYSTAL PAIR	75.470 MHZ
93110-66	AM CRYSTAL PAIR	75.510 MHZ
93110-68	AM CRYSTAL PAIR	75.550 MHZ
93110-70	AM CRYSTAL PAIR	75.590 MHZ
93110-72	AM CRYSTAL PAIR	75.630 MHZ
93110-74	AM CRYSTAL PAIR	75.670 MHZ
93110-76	AM CRYSTAL PAIR	75.710 MHZ
93110-78	AM CRYSTAL PAIR	75.750 MHZ
93110-80	AM CRYSTAL PAIR	75.790 MHZ
93110-82	AM CRYSTAL PAIR	75.830 MHZ
93110-84	AM CRYSTAL PAIR	75.870 MHZ
93110-86	AM CRYSTAL PAIR	75.910 MHZ
93110-88	AM CRYSTAL PAIR	75.950 MHZ
93110-90	AM CRYSTAL PAIR	75.990 MHZ

FM
SURFACE CRYSTAL PAIRS

93120-1	FM CRYSTAL PAIR	26.995 MHZ
93120-2	FM CRYSTAL PAIR	27.045 MHZ
93120-3	FM CRYSTAL PAIR	27.095 MHZ
93120-4	FM CRYSTAL PAIR	27.145 MHZ
93120-5	FM CRYSTAL PAIR	27.195 MHZ
93120-6	FM CRYSTAL PAIR	27.255 MHZ
93120-62	FM CRYSTAL PAIR	75.430 MHZ
93120-64	FM CRYSTAL PAIR	75.470 MHZ
93120-66	FM CRYSTAL PAIR	75.510 MHZ
93120-68	FM CRYSTAL PAIR	75.550 MHZ
93120-70	FM CRYSTAL PAIR	75.590 MHZ
93120-72	FM CRYSTAL PAIR	75.630 MHZ
93120-74	FM CRYSTAL PAIR	75.670 MHZ
93120-76	FM CRYSTAL PAIR	75.710 MHZ
93120-78	FM CRYSTAL PAIR	75.750 MHZ
93120-80	FM CRYSTAL PAIR	75.790 MHZ
93120-82	FM CRYSTAL PAIR	75.830 MHZ
93120-84	FM CRYSTAL PAIR	75.870 MHZ
93120-86	FM CRYSTAL PAIR	75.910 MHZ
93120-88	FM CRYSTAL PAIR	75.950 MHZ
93120-90	FM CRYSTAL PAIR	75.990 MHZ

FM AIRCRAFT DUAL
CONVERSION
RECEIVER CRYSTALS

93013-00	FM DUAL CONVERSION RECEIVER CRYSTAL	50.800 MHZ
93013-01	FM DUAL CONVERSION RECEIVER CRYSTAL	50.820 MHZ
93013-02	FM DUAL CONVERSION RECEIVER CRYSTAL	50.840 MHZ
93013-03	FM DUAL CONVERSION RECEIVER CRYSTAL	50.860 MHZ
93013-04	FM DUAL CONVERSION RECEIVER CRYSTAL	50.880 MHZ
93013-05	FM DUAL CONVERSION RECEIVER CRYSTAL	50.900 MHZ
93013-06	FM DUAL CONVERSION RECEIVER CRYSTAL	50.920 MHZ
93013-07	FM DUAL CONVERSION RECEIVER CRYSTAL	50.940 MHZ
93013-08	FM DUAL CONVERSION RECEIVER CRYSTAL	50.960 MHZ
93013-09	FM DUAL CONVERSION RECEIVER CRYSTAL	50.980 MHZ
93013-BB	FM DUAL CONVERSION RECEIVER CRYSTAL	53.100 MHZ
93013-BR	FM DUAL CONVERSION RECEIVER CRYSTAL	53.200 MHZ
93013-BO	FM DUAL CONVERSION RECEIVER CRYSTAL	53.300 MHZ
93013-BY	FM DUAL CONVERSION RECEIVER CRYSTAL	53.400 MHZ
93013-BG	FM DUAL CONVERSION RECEIVER CRYSTAL	53.500 MHZ
93013-BX	FM DUAL CONVERSION RECEIVER CRYSTAL	53.600 MHZ
93013-BV	FM DUAL CONVERSION RECEIVER CRYSTAL	53.700 MHZ
93013-BZ	FM DUAL CONVERSION RECEIVER CRYSTAL	53.800 MHZ
93013-11	FM DUAL CONVERSION RECEIVER CRYSTAL	72.010 MHZ
93013-12	FM DUAL CONVERSION RECEIVER CRYSTAL	72.030 MHZ
93013-13	FM DUAL CONVERSION RECEIVER CRYSTAL	72.050 MHZ
93013-14	FM DUAL CONVERSION RECEIVER CRYSTAL	72.070 MHZ
93013-15	FM DUAL CONVERSION RECEIVER CRYSTAL	72.090 MHZ
93013-16	FM DUAL CONVERSION RECEIVER CRYSTAL	72.110 MHZ
93013-17	FM DUAL CONVERSION RECEIVER CRYSTAL	72.130 MHZ
93013-18	FM DUAL CONVERSION RECEIVER CRYSTAL	72.150 MHZ
93013-19	FM DUAL CONVERSION RECEIVER CRYSTAL	72.170 MHZ
93013-20	FM DUAL CONVERSION RECEIVER CRYSTAL	72.190 MHZ
93013-21	FM DUAL CONVERSION RECEIVER CRYSTAL	72.210 MHZ
93013-22	FM DUAL CONVERSION RECEIVER CRYSTAL	72.230 MHZ
93013-23	FM DUAL CONVERSION RECEIVER CRYSTAL	72.250 MHZ
93013-24	FM DUAL CONVERSION RECEIVER CRYSTAL	72.270 MHZ
93013-25	FM DUAL CONVERSION RECEIVER CRYSTAL	72.290 MHZ

93013-26	FM DUAL CONVERSION RECEIVER CRYSTAL	72.310 MHZ
93013-27	FM DUAL CONVERSION RECEIVER CRYSTAL	72.330 MHZ
93013-28	FM DUAL CONVERSION RECEIVER CRYSTAL	72.350 MHZ
93013-29	FM DUAL CONVERSION RECEIVER CRYSTAL	72.370 MHZ
93013-30	FM DUAL CONVERSION RECEIVER CRYSTAL	72.390 MHZ
93013-31	FM DUAL CONVERSION RECEIVER CRYSTAL	72.410 MHZ
93013-32	FM DUAL CONVERSION RECEIVER CRYSTAL	72.430 MHZ
93013-33	FM DUAL CONVERSION RECEIVER CRYSTAL	72.450 MHZ
93013-34	FM DUAL CONVERSION RECEIVER CRYSTAL	72.470 MHZ
93013-35	FM DUAL CONVERSION RECEIVER CRYSTAL	72.490 MHZ
93013-36	FM DUAL CONVERSION RECEIVER CRYSTAL	72.510 MHZ
93013-37	FM DUAL CONVERSION RECEIVER CRYSTAL	72.530 MHZ
93013-38	FM DUAL CONVERSION RECEIVER CRYSTAL	72.550 MHZ
93013-39	FM DUAL CONVERSION RECEIVER CRYSTAL	72.570 MHZ
93013-40	FM DUAL CONVERSION RECEIVER CRYSTAL	72.590 MHZ
93013-41	FM DUAL CONVERSION RECEIVER CRYSTAL	72.610 MHZ
93013-42	FM DUAL CONVERSION RECEIVER CRYSTAL	72.630 MHZ
93013-43	FM DUAL CONVERSION RECEIVER CRYSTAL	72.650 MHZ
93013-44	FM DUAL CONVERSION RECEIVER CRYSTAL	72.670 MHZ
93013-45	FM DUAL CONVERSION RECEIVER CRYSTAL	72.690 MHZ
93013-46	FM DUAL CONVERSION RECEIVER CRYSTAL	72.710 MHZ
93013-47	FM DUAL CONVERSION RECEIVER CRYSTAL	72.730 MHZ
93013-48	FM DUAL CONVERSION RECEIVER CRYSTAL	72.750 MHZ
93013-49	FM DUAL CONVERSION RECEIVER CRYSTAL	72.770 MHZ
93013-50	FM DUAL CONVERSION RECEIVER CRYSTAL	72.790 MHZ
93013-51	FM DUAL CONVERSION RECEIVER CRYSTAL	72.810 MHZ
93013-52	FM DUAL CONVERSION RECEIVER CRYSTAL	72.830 MHZ
93013-53	FM DUAL CONVERSION RECEIVER CRYSTAL	72.850 MHZ
93013-54	FM DUAL CONVERSION RECEIVER CRYSTAL	72.870 MHZ
93013-55	FM DUAL CONVERSION RECEIVER CRYSTAL	72.890 MHZ
93013-56	FM DUAL CONVERSION RECEIVER CRYSTAL	72.910 MHZ
93013-57	FM DUAL CONVERSION RECEIVER CRYSTAL	72.930 MHZ
93013-58	FM DUAL CONVERSION RECEIVER CRYSTAL	72.950 MHZ
93013-59	FM DUAL CONVERSION RECEIVER CRYSTAL	72.970 MHZ
93013-60	FM DUAL CONVERSION RECEIVER CRYSTAL	72.990 MHZ

FM SURFACE DUAL
CONVERSION RECEIVER
CRYSTALS

93013-61	FM DUAL CONVERSION RECEIVER CRYSTAL	75.410 MHZ
93013-62	FM DUAL CONVERSION RECEIVER CRYSTAL	75.430 MHZ
93013-63	FM DUAL CONVERSION RECEIVER CRYSTAL	75.450 MHZ
93013-64	FM DUAL CONVERSION RECEIVER CRYSTAL	75.470 MHZ
93013-65	FM DUAL CONVERSION RECEIVER CRYSTAL	75.490 MHZ
93013-66	FM DUAL CONVERSION RECEIVER CRYSTAL	75.510 MHZ
93013-67	FM DUAL CONVERSION RECEIVER CRYSTAL	75.530 MHZ
93013-68	FM DUAL CONVERSION RECEIVER CRYSTAL	75.550 MHZ
93013-69	FM DUAL CONVERSION RECEIVER CRYSTAL	75.570 MHZ
93013-70	FM DUAL CONVERSION RECEIVER CRYSTAL	75.590 MHZ
93013-71	FM DUAL CONVERSION RECEIVER CRYSTAL	75.610 MHZ
93013-72	FM DUAL CONVERSION RECEIVER CRYSTAL	75.630 MHZ
93013-73	FM DUAL CONVERSION RECEIVER CRYSTAL	75.650 MHZ
93013-74	FM DUAL CONVERSION RECEIVER CRYSTAL	75.670 MHZ
93013-75	FM DUAL CONVERSION RECEIVER CRYSTAL	75.690 MHZ
93013-76	FM DUAL CONVERSION RECEIVER CRYSTAL	75.710 MHZ
93013-77	FM DUAL CONVERSION RECEIVER CRYSTAL	75.730 MHZ
93013-78	FM DUAL CONVERSION RECEIVER CRYSTAL	75.750 MHZ
93013-79	FM DUAL CONVERSION RECEIVER CRYSTAL	75.770 MHZ
93013-80	FM DUAL CONVERSION RECEIVER CRYSTAL	75.790 MHZ
93013-81	FM DUAL CONVERSION RECEIVER CRYSTAL	75.810 MHZ
93013-82	FM DUAL CONVERSION RECEIVER CRYSTAL	75.830 MHZ
93013-83	FM DUAL CONVERSION RECEIVER CRYSTAL	75.850 MHZ
93013-84	FM DUAL CONVERSION RECEIVER CRYSTAL	75.870 MHZ
93013-85	FM DUAL CONVERSION RECEIVER CRYSTAL	75.890 MHZ
93013-86	FM DUAL CONVERSION RECEIVER CRYSTAL	75.910 MHZ
93013-87	FM DUAL CONVERSION RECEIVER CRYSTAL	75.930 MHZ
93013-88	FM DUAL CONVERSION RECEIVER CRYSTAL	75.950 MHZ
93013-89	FM DUAL CONVERSION RECEIVER CRYSTAL	75.970 MHZ
93013-90	FM DUAL CONVERSION RECEIVER CRYSTAL	75.990 MHZ



SURFACE TRANSMITTER
RF MODULES

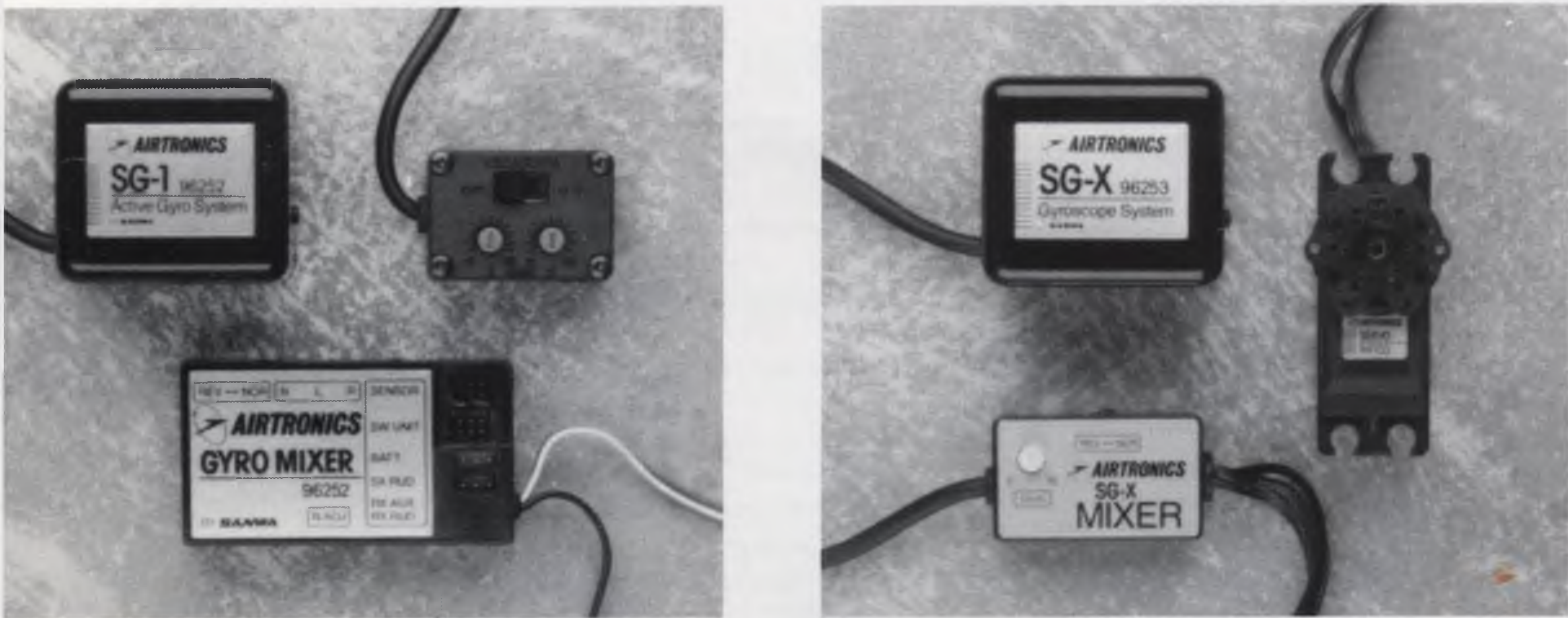
93727	CS2P TRANSMITTER RF MODULE	27MHZ FM
93775	CS2P TRANSMITTER RF MODULE	75 MHZ FM
93827	CALIBER 3P TRANSMITTER RF MODULE	27 MHZ FM
93875	CALIBER 3P TRANSMITTER RF MODULE	75 MHZ FM

AIRCRAFT TRANSMITTER
RF MODULES*

93782	VISION/INFINITY 600 TRANSMITTER RF MODULE	72 MHZ FM
93850	VISION/INFINITY 600 TRANSMITTER RF MODULE	50 MHZ FM
93853	VISION/INFINITY 600 TRANSMITTER RF MODULE	53 MHZ FM
*ALSO COMPATIBLE WITH MODULE SPECTRA AND QUANTUM RADIOS		

GYROSCOPES

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 A ROTARY OR FIXED WING AIRCRAFT.



SG-1 BALL BEARING GYRO SYSTEM

PART #	96252
DIMENSIONS	GYROSCOPE - 1.69" (43 MM) x 1.48" (37.5 MM) x 1.48" (37.5 MM) MIXER AMP - 2.44" (62 MM) x 1.36" (34.5 MM) x 0.63" (16 MM) CONTROL BOX - 0.95" (24 MM) x 1.34" (34 MM) x 0.71" (18 MM)
WEIGHT	GYROSCOPE - 2.54 oz. (72 g) MIXER AMP - 1.09 oz. (31 g) CONTROL BOX - 0.72 oz. (17 g)
VOLTAGE INPUT	4.8 - 6 VOLT NiCd
FEATURES	DOUBLE BALL BEARING, LONG LIFE MOTOR WITH BALL BEARING, IN-FLIGHT ON/OFF

SG-X GYRO SYSTEM* (INCLUDES 94103 SERVO)

PART #	96253
DIMENSIONS	GYROSCOPE - 1.69" (43 MM) x 1.48" (37.5 MM) x 1.48" (37.5 MM) CONTROL BOX - 1.5" (38 MM) x 0.91" (23 MM) x 0.59" (15 MM)
WEIGHT	GYROSCOPE WITH CONTROL BOX - 3 oz. (85 g)
VOLTAGE INPUT	4.8 -VOLT NiCd
FEATURES	GAIN ADJUSTMENT, NEUTRAL ADJUSTMENT, SERVO REVERSING
94103 SERVO	
DIMENSIONS	1.54" (39 MM) x 0.79" (20 MM) x 1.42" (36 MM)
WEIGHT	1.59 oz. (45 g)
TORQUE	50 oz./IN. (3.5 KG/CM)
TRANSIT TIME	0.22 SECONDS FOR 60° ROTATION

SG-XM GYRO SYSTEM FOR ELECTRIC HELICOPTERS* (INCLUDES 94408 SERVO)

PART #	96254
DIMENSIONS	GYROSCOPE - 1.69" (43 MM) x 1.48" (37.5 MM) x 1.48" (37.5 MM) CONTROL BOX - 1.5" (38 MM) x 0.91" (23 MM) x 0.59" (15 MM)
WEIGHT	GYROSCOPE WITH CONTROL BOX - 3 oz. (85 g)
VOLTAGE INPUT	4.8 - 6 VOLT NiCd
FEATURES	SERVO REVERSING, NEUTRAL ADJUSTMENT
94408 SERVO	
DIMENSIONS	1.23" (31 MM) x 0.60" (15 MM) x 1.23" (31 MM)
WEIGHT	0.96 oz. (27 g)
TORQUE	29 oz./IN. (2.0 KG/CM)
TRANSIT TIME	0.23 SECONDS FOR 60° ROTATION

*SG-X AND SG-XM GYROS INCLUDE AN EXCLUSIVE TAIL ROTOR SERVO. OTHER SERVOS CANNOT BE USED.

SPEED CONTROLLERS

AIRTRONICS 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.

THESE SOLID STATE SPEED CONTROLLERS UTILIZE MOS FET TRANSISTORS AND FEATURE PROPORTIONAL ELECTRONIC THROTTLE CONTROL, BATTERY VOLTAGE REGULATION AND OPTIONAL HEAT SINKS.



TRIUMPH 107 SPEED CONTROLLER

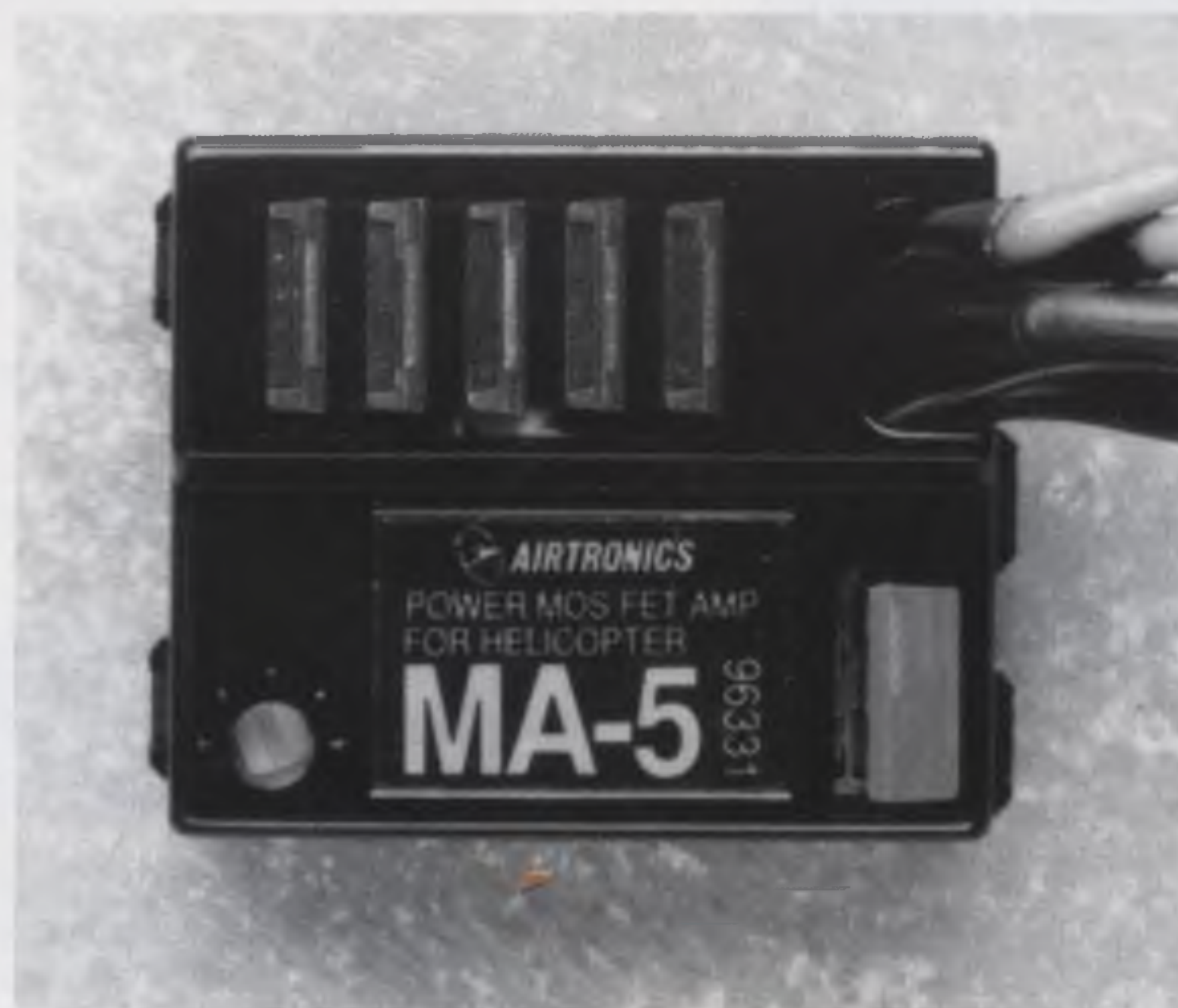
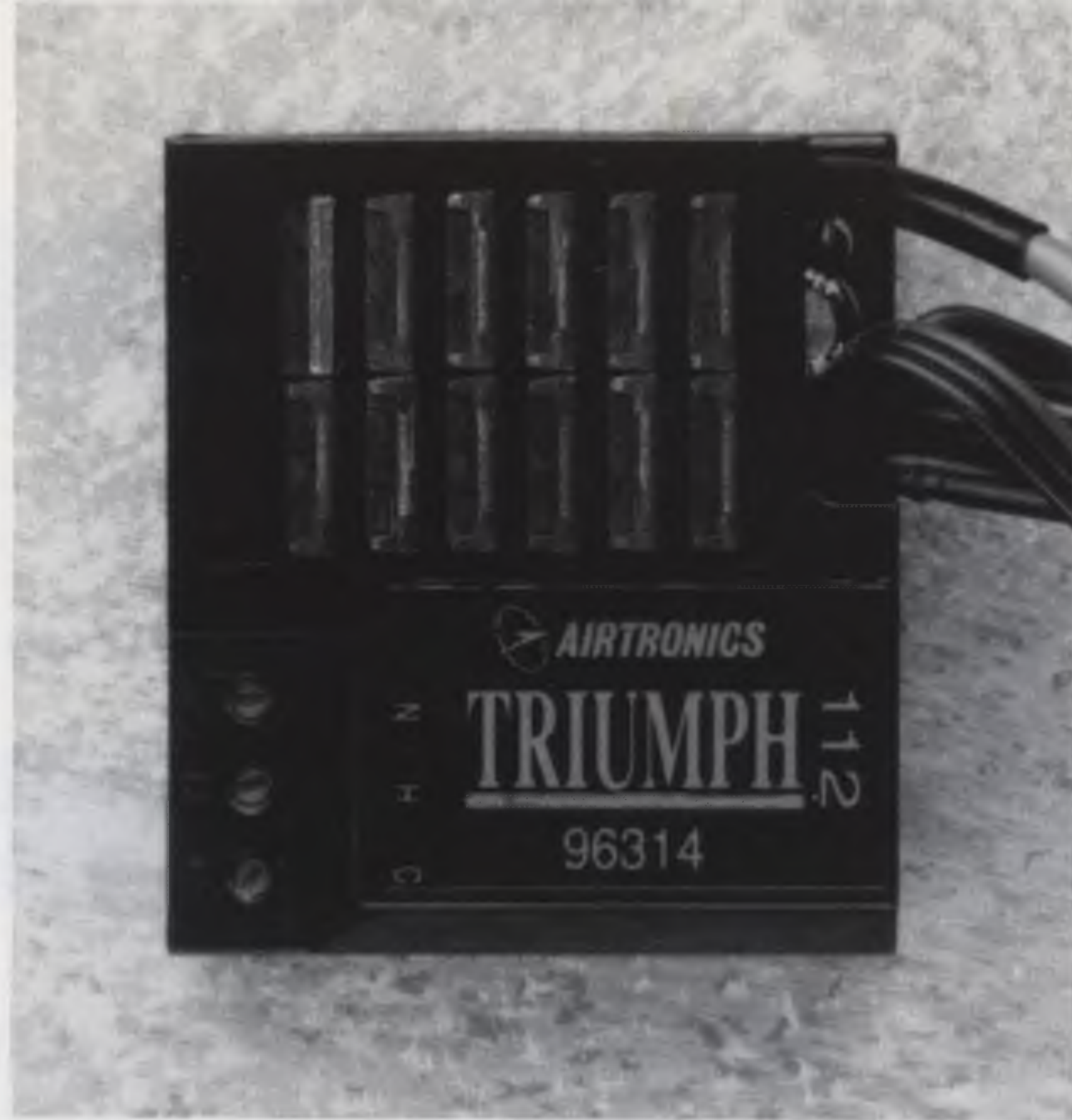
PART #	96313	
DIMENSIONS	L: 2.1" (54 MM) x W: 0.77" (19.5 MM) x H: 0.78" (20 MM)	
WEIGHT	0.88 oz. (25 G) (LESS SWITCH AND CONNECTORS)	
POWER SUPPLY	7.2 (6 CELL) TO 8.4 VOLT (7 CELL) NiCd PACK	
SURGE CURRENT	1380 AMPS	(FET RATINGS ONLY. DO NOT EXCEED 50 AMPS MAXIMUM)
CONTINUOUS CURRENT	380 AMPS	
ON RESISTANCE	0.0019 OHMS	
ADJUSTMENT TYPE	NEUTRAL POINT, HIGH POINT AND POWER CURVE CONTROL	
FEATURES	TEMP FET, POWER BRAKE, HIGH EFFICIENCY REGULATOR, COMPACT ON/OFF SWITCH, LIGHT WEIGHT CONNECTORS, AMP CHECKER	

TRIUMPH 112 SPEED CONTROLLER

PART #	96314	
DIMENSIONS	L: 1.8" (46 MM) x W: 1.61" (41 MM) x H: 0.65" (16.5 MM)	
WEIGHT	2.1 OZ. (60 G) – (LESS SWITCH AND CONNECTORS)	
POWER SUPPLY	7.2 (6 CELL) TO 8.4 VOLT (7 CELL) NiCd PACK	
SURGE CURRENT	2200 AMPS	(FET RATINGS ONLY. DO NOT EXCEED 50 AMPS MAXIMUM)
CONTINUOUS CURRENT	580 AMPS	
ON RESISTANCE	0.0015 OHMS	
ADJUSTMENT TYPE	NEUTRAL POINT, HIGH POINT AND POWER CURVE CONTROL	
FEATURES	12 PIECES TEMP FET, LOW POWER LOSS, POWER BRAKE, HIGH EFFICIENCY REGULATOR, COMPACT ON/OFF SWITCH, AMP CHECKER	

CONTENDER SPEED CONTROLLER WITH REVERSE

PART #	96315	
DIMENSIONS	L: 1.8" (46.5 MM) x W: 1.6" (40 MM) x H: 1.02" (26 MM)	
WEIGHT	1.94 oz. (55 g)	
POWER SUPPLY	7.2 (6 CELL) TO 8.4 VOLT (7 CELL) NiCd PACK	
SURGE CURRENT	480 AMPS (FORWARD)/ 240 AMPS (REVERSE)	(FET RATINGS ONLY. DO NOT EXCEED 30 AMPS (FORWARD) OR 10 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	



MA-3 SPEED CONTROLLER FOR ELECTRIC AIRCRAFT

PART #	96330	
DIMENSIONS	L: 1.42" (36 MM) x W: 1.14" (29 MM) x H: 0.67" (17 MM)	
WEIGHT	0.63 oz. (18 G) - (LESS SWITCH AND CONNECTORS)	
POWER SUPPLY	7.2 (6 CELL) TO 8.4 VOLT (7 CELL) NiCd PACK	
SURGE CURRENT	580 AMPS	(FET RATINGS ONLY. DO NOT EXCEED 25 AMPS)
CONTINUOUS CURRENT	148 AMPS	
ON RESISTANCE	0.006 OHMS	
ADJUSTMENT TYPE	OFF-POSITION TRIMMER	
FEATURES	LOW POWER CUTOFF, HEAT PROTECTED	
INTENDED USE	ELECTRIC AIRCRAFT, FERRITE MOTORS 280 TO 540 CLASS	

MA-5 SPEED CONTROLLER FOR ELECTRIC HELICOPTERS

PART #	96331	
DIMENSIONS	L: 1.52" (38.7 MM) x W: 1.3" (33 MM) x H: 0.69" (17.5 MM)	
WEIGHT	1.77 oz. (50 G)	
POWER SUPPLY	7.2 TO 12 VOLT NiCd PACK	
SURGE CURRENT	900 AMPS	(FET RATINGS ONLY. DO NOT EXCEED 40 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	

MA-6 SPEED CONTROLLER FOR ELECTRIC AIRCRAFT

PART #	96332	
DIMENSIONS	L: 1.52" (38.7 MM) x W: 1.3" (33 MM) x H: 0.69" (17.5 MM)	
WEIGHT	1.7 oz. (48 G)	
POWER SUPPLY	7.2 TO 12 VOLT NiCd PACK	
SURGE CURRENT	900 AMPS	(FET RATINGS ONLY. DO NOT EXCEED 40 AMPS)
CONTINUOUS CURRENT	220 AMPS	
ON RESISTANCE	0.003 MICRO OHMS	
ADJUSTMENT TYPE	NEUTRAL POINT	
FEATURES	SWITCH CONTROLLED BRAKE, HIGH PERFORMANCE MOS FET, ARMING SWITCH, HEAT PROTECTION, HIGH PERFORMANCE LOW POWER CUTOFF	

TRANSMITTER CARRYING CASES

AIRTRONICS CARRYING CASES PROVIDE EXCELLENT PROTECTION FOR YOUR TRANSMITTER AND SMALL ACCESSORIES BETWEEN FLIGHTS OR RACES AND WHILE TRAVELING. THESE RUGGEDLY CONSTRUCTED CASES FEATURE HIGH QUALITY HARDWARE AND METAL FRAMES FOR MAXIMUM STRENGTH AND DURABILITY.



96603*
SINGLE TRANSMITTER
CARRYING CASE

96602*
TWIN TRANSMITTER
CARRYING CASE

*96602 AND 96603 DO NOT HOLD INFINITY OR PISTOL GRIP SYSTEMS



96605
DELUXE TRANSMITTER
CARRYING CASE
FOR CALIBER

96604
DELUXE TRANSMITTER
CARRYING CASE
FOR INFINITY

ACCESSORIES

AIRTRONICS HAS A COMPLETE LINE OF ACCESSORIES AND SERVICE PARTS, COMPATIBLE WITH ALL OUR SYSTEMS TO FIT SPECIFIC MODELERS RADIO INSTALLATION AND MAINTENANCE NEEDS.

SPECIAL ACCESSORIES

96700 SWITCH HARNESS WITH B.E.C. REGULATOR

96701 REGULATOR FOR 94151 SERVO

96720 WHOLE GRIP PAD FOR CALIBER

96730 CRYSTAL CARRYING CASE

96750 EXTRA LONG TRANSMITTER STICK TIP EXTENSIONS (2)



SWITCH HARNESSES

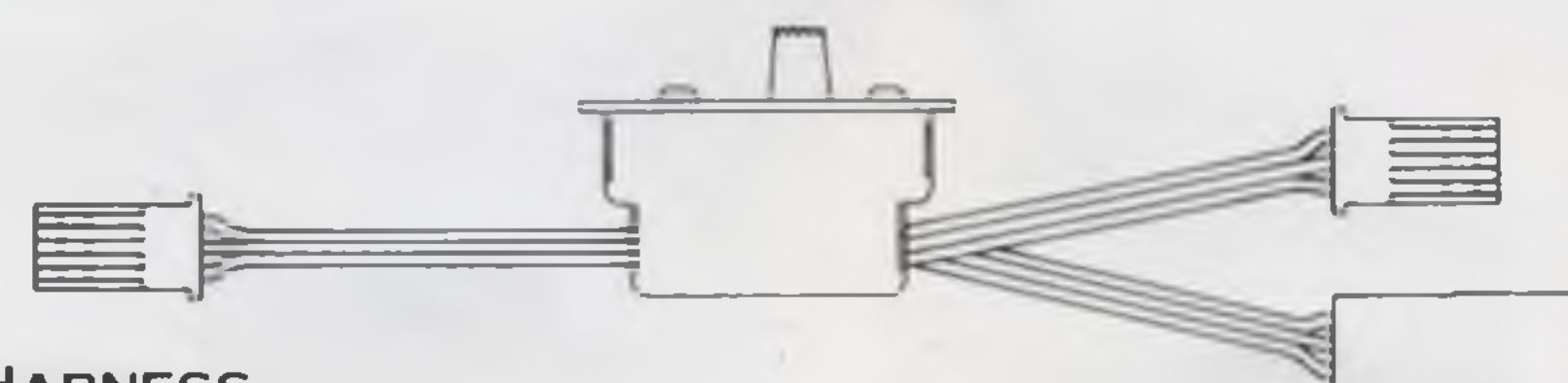
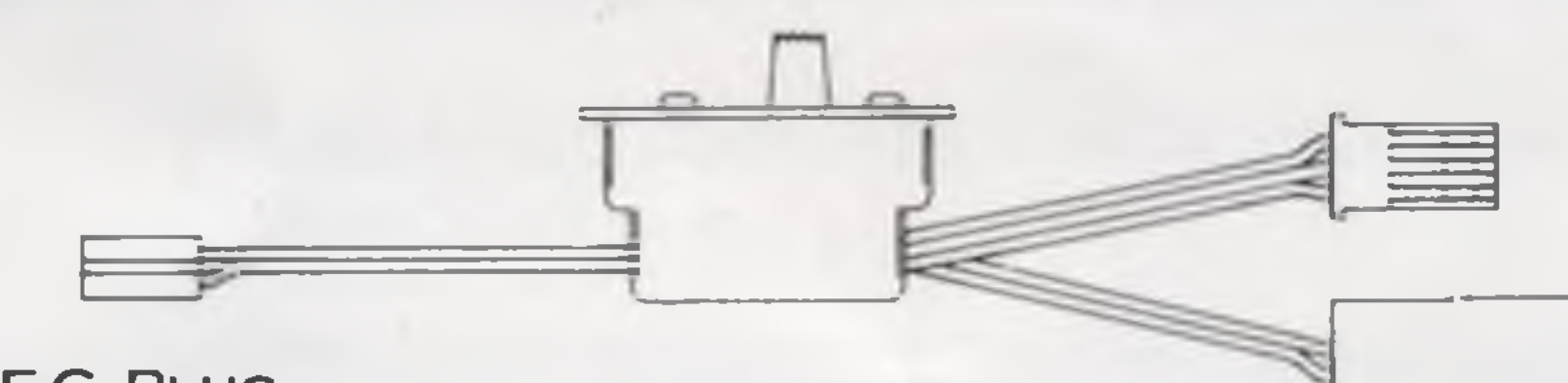
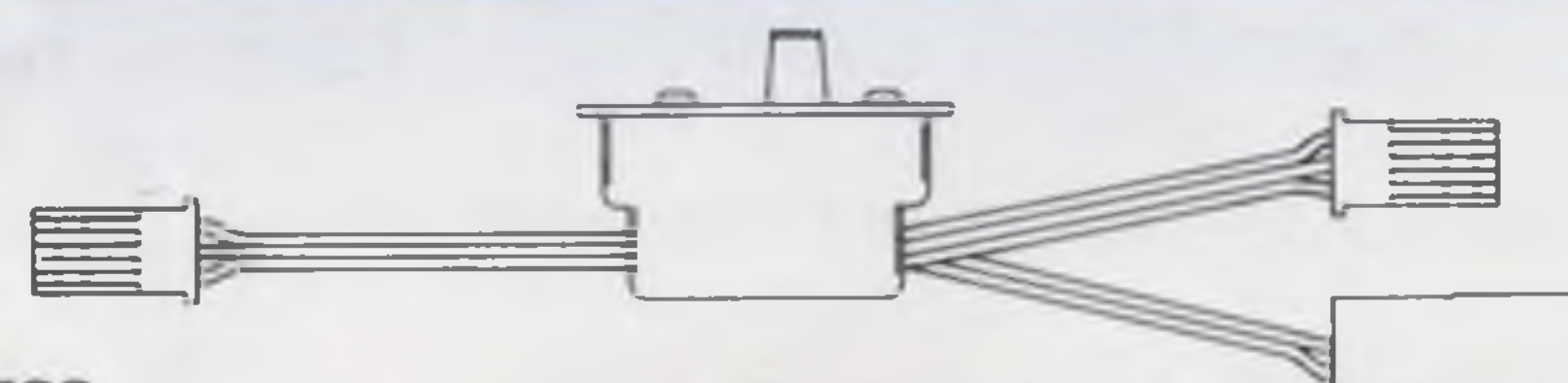
97001 STANDARD SWITCH HARNESS

97002 SWITCH HARNESS WITH D.S.C. FOR CHAMPIONSHIP SERIES

97004 SWITCH HARNESS WITH B.E.C. PLUG

97005 STANDARD PCM SWITCH HARNESS

97006 SWITCH HARNESS WITH D.S.C. FOR INFINITY 1000



EXTENSION CABLES AND "Y" HARNESSES

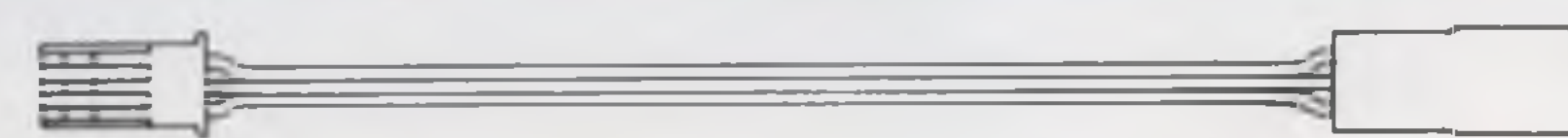
97010 6" EXTENSION CABLE

97011 12" EXTENSION CABLE

97013 24" EXTENSION CABLE

97030 30" EXTENSION CABLE

97020 DUAL SERVO "Y" HARNESS



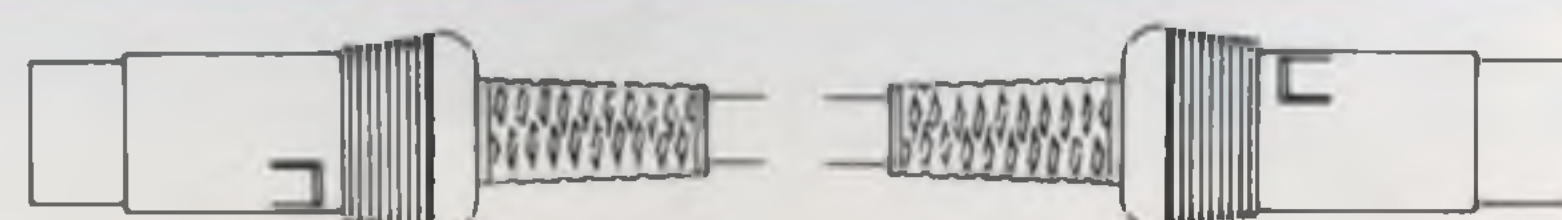
TRAINER AND D.S.C. CABLES

97100 STANDARD TRAINER SYSTEM CABLE

97101 INFINITY TRAINER SYSTEM CABLE

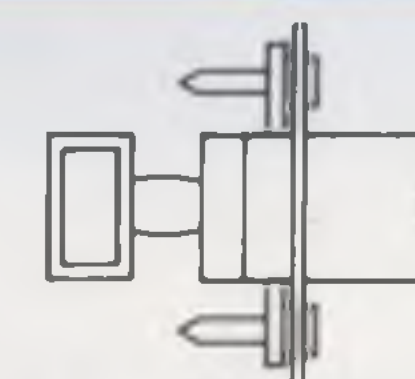
97031 DIRECT SERVO CONTROLLER (D.S.C.) CABLE FOR CALIBER 3P

97032 DIRECT SERVO CONTROLLER (D.S.C.) / SYNTHESIZER CABLE FOR INFINITY 1000



EXTERNAL CHARGE MOUNTS

97050 STANDARD EXTERNAL CHARGE MOUNT

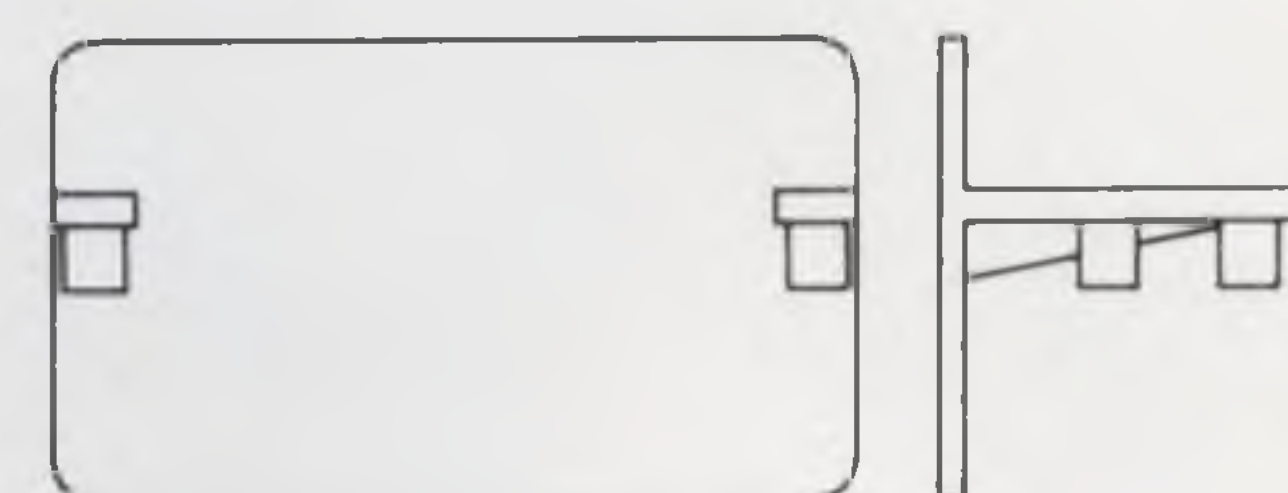


SERVO TRAYS

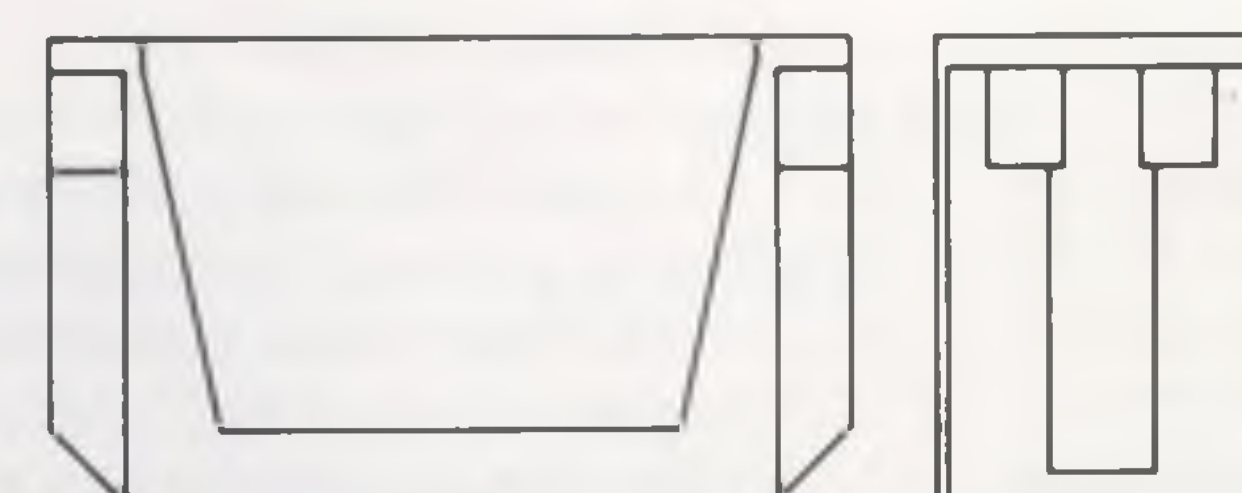
AIRTRONICS SERVO TRAYS ARE DESIGNED TO SIMPLIFY THE INSTALLATION OF SERVOS IN THE MODEL. THE TRAYS ARE INJECTION MOLDED RUGGED NYLON FOR GREATER STRENGTH AND EXCELLENT VIBRATION DAMPING. EACH TRAY COMES WITH COMPLETE SERVO AND TRAY MOUNTING SCREWS.

98200 AILERON SERVO TRAY FOR MINI SERVOS

98203 AILERON SERVO TRAY FOR STANDARD/PRO/CONTEST SERVOS

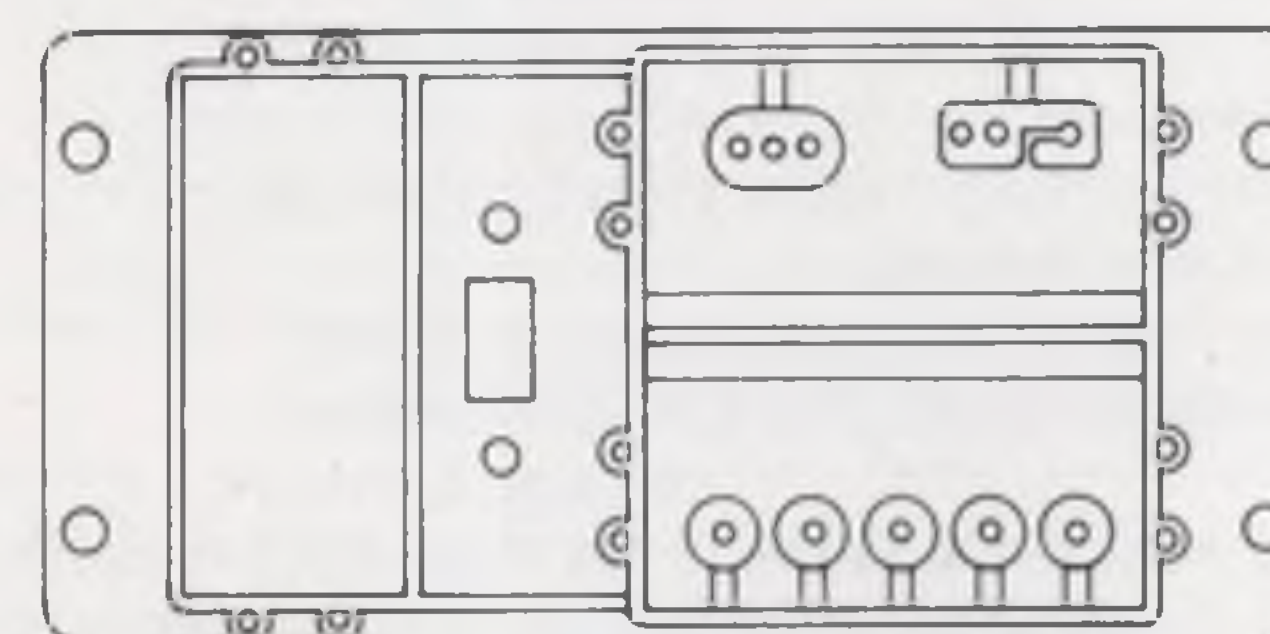


98204 VERTICAL MOUNT SERVO TRAY FOR STANDARD/PRO/CONTEST SERVOS



98210 2 + 1 SERVO TRAY FOR MINI SERVOS

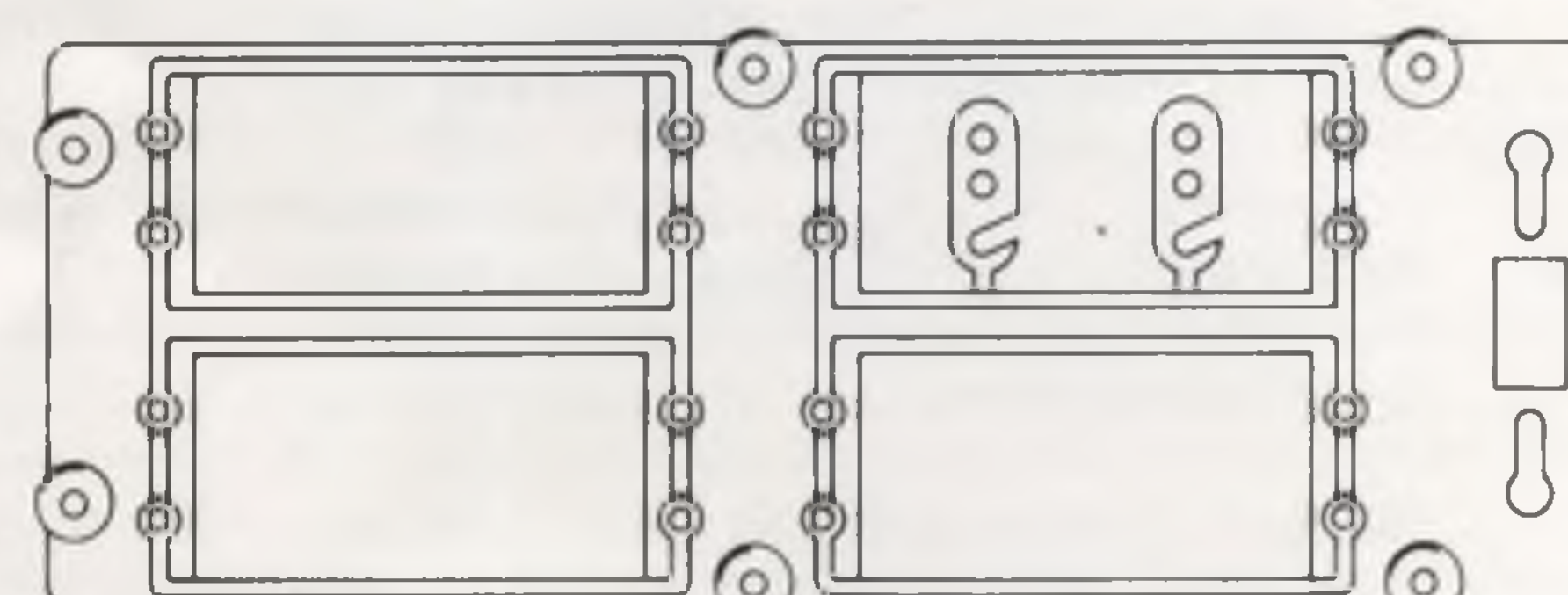
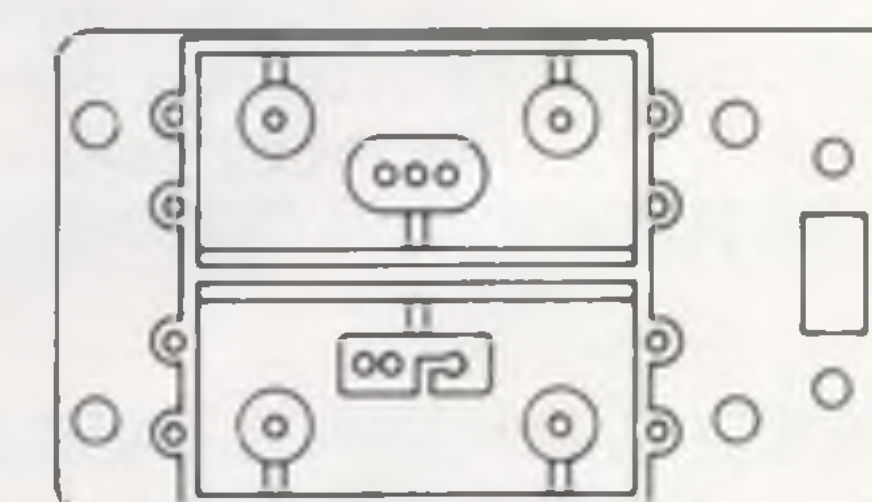
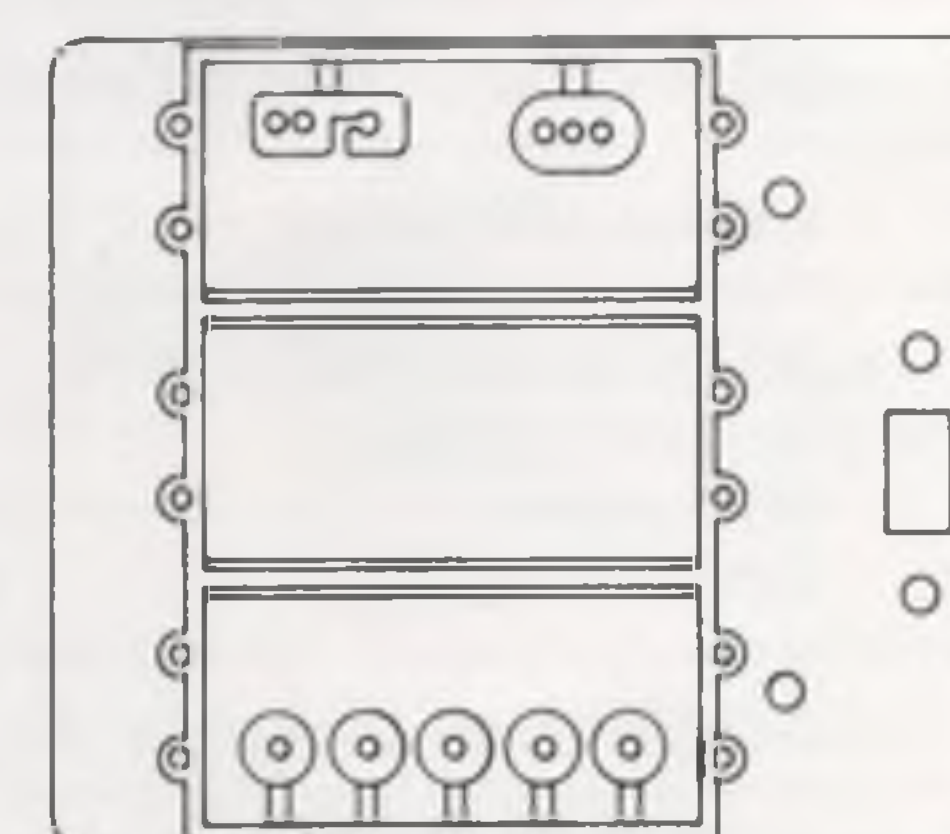
98213 2 + 1 SERVO TRAY FOR STANDARD /PRO/CONTEST SERVOS



98220 3 SIDE BY SIDE SERVO TRAY FOR MINI SERVOS

98221 2 SIDE BY SIDE SERVO TRAY FOR 94401/403/407 SERVOS

98231 3 SIDE BY SIDE SERVO TRAY FOR STANDARD/PRO/CONTEST SERVOS

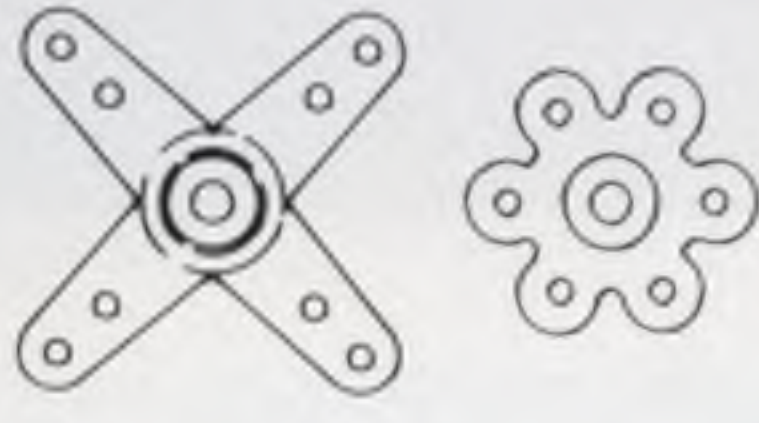


98232 2 + 2 SERVO TRAY FOR STANDARD/PRO/CONTEST SERVOS

SERVO OUTPUT ARMS*

SERVO ARMS PLAY AN INTEGRAL PART IN LINKING THE SERVO TO THE CONTROL SURFACE. AIRTRONICS OFFERS A FULL RANGE OF ARMS INCLUDING WHEEL, CROSS, STAR, HEAVY DUTY, RETRACT, AND ADJUSTABLE TYPES.

98301
SERVO ARM
ASSORTMENT (2 EA)
FOR 94401/403/
407/501 SERVOS



98303
ADJUSTABLE
SERVO ARM FOR
94401/403/407/
501 SERVOS (1)



98311
SERVO ARM
ASSORTMENT
FOR STANDARD
SERVOS

INCLUDES 2 EACH:
98317,
98318,
98325

98314
ADJUSTABLE
SERVO ARM
FOR STANDARD
SERVOS (1)



98317
4 POINT SERVO ARM
FOR STANDARD
SERVOS (2)



98318
SERVO WHEEL
FOR STANDARD
SERVOS (2)



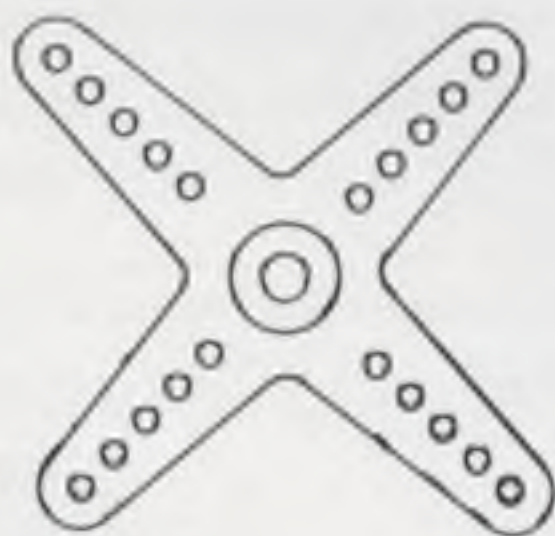
98319
SERVO ARM
FOR RETRACT
SERVOS (2)



98322
HEAVY DUTY
SERVO ARM
FOR STANDARD
SERVOS (1)



98323
EXTRA LARGE
4 POINT SERVO
ARM FOR
STANDARD
SERVOS (2)



98324
EXTRA LARGE
SERVO WHEEL
FOR STANDARD
SERVOS (2)



98325
6 POINT SERVO
ARM FOR
STANDARD
SERVOS (2)



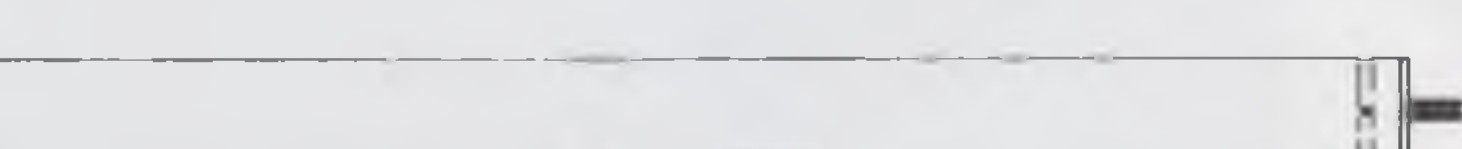
*SERVO ARMS ARE NOT SHOWN ACTUAL SIZE. STANDARD SERVO ARMS FIT ALL AIRTRONICS SERVOS EXCEPT 94401, 403, 407, 408, AND 501

TRANSMITTER ANTENNAS

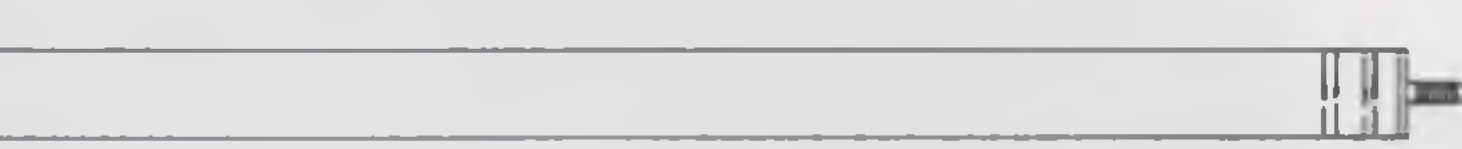
99108 TRANSMITTER ANTENNA FOR VECTOR/AVENGER



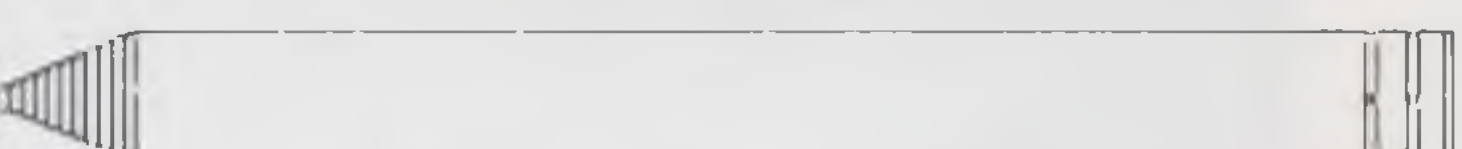
99109 TRANSMITTER ANTENNA FOR XL2P/CS2P



99110 TRANSMITTER ANTENNA FOR VANGUARD/ VISION/ INFINITY 600



99112 TRANSMITTER ANTENNA FOR CALIBER



99113 TRANSMITTER ANTENNA FOR INFINITY 1000



TRANSMITTER NECK AND WRIST STRAPS

99103 DELUXE TRANSMITTER NECK STRAP



99104 DELUXE TRANSMITTER WRIST STRAP FOR PISTOL GRIP TRANSMITTERS



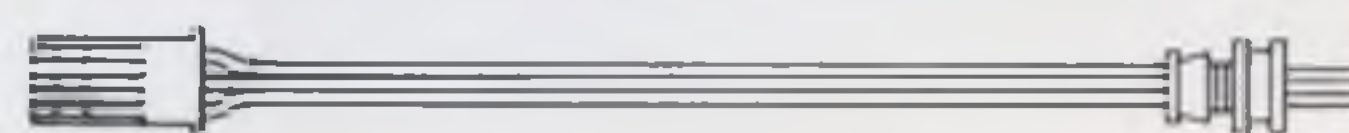
TRANSMITTER BATTERY COVERS

99200 TRANSMITTER BATTERY COVER FOR VT2P

99201 TRANSMITTER BATTERY COVER FOR XL2P/CS2P

99202 TRANSMITTER BATTERY COVER FOR CALIBER

CONNECTORS



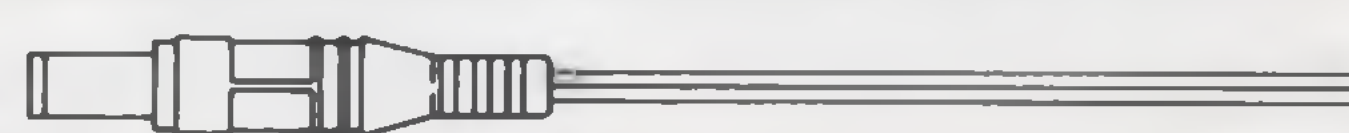
99401 SERVO PLUG WITH CABLE (3 WIRE)

99402 SERVO SOCKET WITH CABLE (3 WIRE)

99701 BATTERY SOCKET WITH CABLE (2 WIRE)

99702 BATTERY PLUG WITH CABLE (2 WIRE)

99703 RECEIVER CHARGING SOCKET WITH CABLE



99704 TRANSMITTER CHARGING PLUG WITH CABLE

CONNECTOR POLARITY

3 - BATTERY POSITIVE

2 - BATTERY NEGATIVE

1 - CONTROL SIGNAL

3 - BATTERY POSITIVE

2 - BATTERY NEGATIVE

WHEN USING ANY AUXILIARY EQUIPMENT OR TESTERS, THE CONNECTIONS AS SHOWN ABOVE SHOULD BE OBSERVED.

SERVO CASES

99410 CASE FOR 94401/403/407/408 SERVOS

99417 CASE FOR 94631 SERVO

99418 CASE FOR 94501 SERVO

99447 CASE FOR 94510 SERVO

99448 CASE FOR 94635 SERVO

99449 CASE FOR CONTEST SERVOS

99450 CASE FOR 94831 SERVO

99470 CASE FOR 94102 SERVO

99480 CASE FOR 94141/143 SERVOS

99481 CASE FOR 94151/152 SERVOS

99482 CASE FOR 94161 SERVO

99483 CASE FOR 94741 SERVO

SERVO GEAR SETS AND OUTPUT GEARS

99420 GEAR SET FOR 94401 SERVO

99422 GEAR SET FOR 94510 SERVO

99429 GEAR SET FOR 94501 SERVO

99445 GEAR SET FOR 94631/635 SERVOS

99446 GEAR SET FOR 94403 SERVO

99451 GEAR SET FOR 94831 SERVO

99452 GEAR SET FOR 94732/735 SERVOS

99453 GEAR SET FOR 94734 SERVO

99455 GEAR SET FOR 94151/737 SERVOS

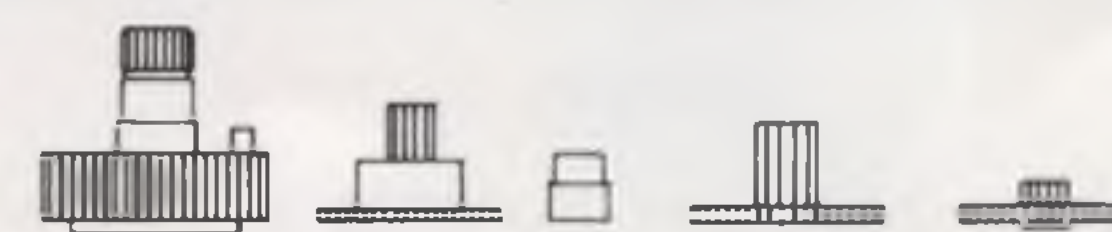
99456 GEAR SET FOR 94738 SERVO

99457 GEAR SET FOR 94741 SERVO

99465 GEAR SET FOR 94102 SERVO

99471 GEAR SET FOR 94141 SERVO

99472 GEAR SET FOR 94143 SERVO



99473 GEAR SET FOR 94152/161 SERVOS

99440 OUTPUT GEAR WITH BALL BEARING FOR 94401/403

99460 OUTPUT GEAR WITH BALL BEARING FOR 94510 SERVO

99461 OUTPUT GEAR WITH BALL BEARING FOR 94831 SERVO

99462 OUTPUT GEAR WITH BALL BEARINGS FOR CONTEST/151 SERVOS

SERVO VIBRATION ISOLATORS



99430 VIBRATION ISOLATORS FOR MICRO SERVOS

99431 VIBRATION ISOLATORS FOR 94510 SERVO

99432 VIBRATION ISOLATORS FOR MINI SERVOS

99434 VIBRATION ISOLATORS FOR STANDARD/CONTEST/PRO SERVOS

TRANSMITTER FREQUENCY FLAGS AND I.D. CARDS

AIRTRONICS FREQUENCY

FLAGS ARE AVAILABLE FOR INDIVIDUAL FREQUENCIES IN THE 27 AND 53 MHZ BANDS, AND AS INDIVIDUAL CHANNEL I.D. NUMBERS FOR THE 50, 72 AND 75 MHZ BANDS.

99931 FREQUENCY FLAG, 26.995 MHZ BROWN

99932 FREQUENCY FLAG, 27.045 MHZ RED

99933 FREQUENCY FLAG, 27.095 MHZ ORANGE

99934 FREQUENCY FLAG, 27.145 MHZ YELLOW

99935 FREQUENCY FLAG, 27.195 MHZ GREEN

99936 FREQUENCY FLAG, 27.255 MHZ BLUE

99941 FREQUENCY FLAG, 53.100 MHZ BLACK/BROWN

99942 FREQUENCY FLAG, 53.200 MHZ BLACK/RED

99943 FREQUENCY FLAG, 53.300 MHZ BLACK/ORANGE

99944 FREQUENCY FLAG, 53.400 MHZ BLACK/YELLOW

99945 FREQUENCY FLAG, 53.500 MHZ BLACK/GREEN

99946 FREQUENCY FLAG, 53.600 MHZ BLACK/BLUE

99947 FREQUENCY FLAG, 53.700 MHZ BLACK/VIOLET

99948 FREQUENCY FLAG, 53.800 MHZ BLACK/GRAY

99949 TRANSMITTER ANTENNA HOLDER FOR CHANNEL I.D. CARDS

99950 # 0 CHANNEL NUMBER I.D. CARD

99951 # 1 CHANNEL NUMBER I.D. CARD

99952 # 2 CHANNEL NUMBER I.D. CARD

99953 # 3 CHANNEL NUMBER I.D. CARD

99954 # 4 CHANNEL NUMBER I.D. CARD

99955 # 5 CHANNEL NUMBER I.D. CARD

99956 # 6 CHANNEL NUMBER I.D. CARD

99957 # 7 CHANNEL NUMBER I.D. CARD

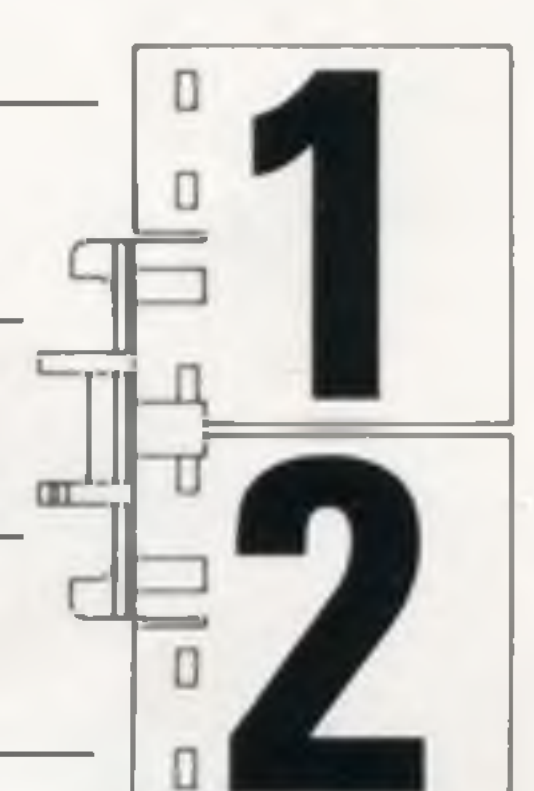
99958 # 8 CHANNEL NUMBER I.D. CARD

99959 # 9 CHANNEL NUMBER I.D. CARD

99960 RED ANTENNA STREAMER 72 MHZ

99961 YELLOW ANTENNA STREAMER 75 MHZ

99962 BLACK ANTENNA STREAMER 50 MHZ



AIRCRAFT KITS

AIRTRONICS IS THE ACKNOWLEDGED LEADER IN MODEL AIRCRAFT DESIGN AND PERFORMANCE. OUR OUTSTANDING SAILPLANE AND POWER KITS COMBINE PRECISION DESIGN ENGINEERING AND PREMIUM MATERIALS, FOR UNSURPASSED R/C FLYING.

EXTENSIVE PRE-FABRICATION AND SELF-JIGGING CONSTRUCTION ENSURES THAT OUR PARTS FIT PERFECTLY EVERY TIME. ALL OUR KITS FEATURE EXPERTLY GRADED HAND-SELECTED WOODS, PRECISION MACHINED COMPONENTS, FULL-SIZE ROLLED PLANS AND DETAILED STEP BY STEP INSTRUCTION MANUALS FOR EASY CONSTRUCTION.



ECLIPSE



Q-TEE



JETFIRE 40



LEGEND

AIRCRAFT	PART #	TYPE	WING SPAN	WING AREA	FUSELAGE LENGTH	FLYING WEIGHT
Q-TEE	900102	1/2 A TRAINER OR SPORT POWER PLANE	36"	252 SQ. IN.	29"	16-20 OZ.
JETFIRE 40	900308	ADVANCED AEROBATIC TRAINER AND SPORT POWER PLANE	52"	500 SQ. IN.	45"	4.5 LBS.
ECLIPSE	900218 900219 (DELUXE)	ELECTRIC POWER SPORT SAILPLANE	78"	660 SQ. IN.	39"	45 OZ.
OLYMPIC 650	900213	TRAINER SAILPLANE	72"	650 SQ. IN.	36"	26-28 OZ.
OLYMPIC II	900208	BEGINNING AND SPORT CONTEST SAILPLANE	99.9"	928 SQ. IN.	49"	36-42 OZ.
SAGITTA 600	900212	THERMAL COMPETITION SAILPLANE	78"	650 SQ. IN.	40"	30-32 OZ.
SAGITTA 900	900211	HIGH PERFORMANCE SPORT SAILPLANE	99.9"	900 SQ. IN.	47"	42-44 OZ.
CUMIC PLUS	900217	HIGH PERFORMANCE SAILPLANE	99" 117"	880 SQ. IN. 1060 SQ. IN.	45"	52 OZ. 60 OZ.
LEGEND	900220	HIGH PERFORMANCE MULTI-TASK COMPETITION SAILPLANE	113"	997 SQ. IN.	49"	70 OZ.



CUMIC PLUS



OLYMPIC II

SERVOS	CONTROLS	FEATURES
94102	ELEVATOR, THROTTLE	FLAT-BOTTOMED AIRFOIL
94102	AILERON, ELEVATOR RUDDER, THROTTLE	12% SEMI-SYMMETRICAL AIRFOIL, ALUMINUM LANDING GEAR
94102	ELEVATOR, MOTOR, RUDDER	SEMI-SYMMETRICAL AIRFOIL, HIGH PERFORMANCE ELECTRIC MOTOR, 3:1 GEARBOX, SPINNER, FOLDING PROP (DELUXE KIT ONLY)
94102	ELEVATOR, RUDDER	FLAT-BOTTOMED AIRFOIL, 3 PIECE WING
94102	ELEVATOR, RUDDER & SPOILERS (OPTIONAL)	FLAT-BOTTOMED AIRFOIL
94141 MICRO	ELEVATOR, RUDDER, SPOILERS & AILERON (OPTIONAL)	EPPLER 205 AIRFOIL
94141 MICRO	ELEVATOR, RUDDER, SPOILERS	EPPLER 205 AIRFOIL
94102	ELEVATOR, RUDDER, SPOILERS	EPPLER 205 AIRFOIL, FIBERGLASS FUSELAGE, CAN BE BUILT WITH 99" OR 117" WING
94141 & 94102	AILERON, ELEVATOR, FLAPS, RUDDER	SELIG 3021 AIRFOIL, FIBERGLASS FUSELAGE, FULLY SHEETED UPPER WING SURFACE, BOLT-ON THREE PIECE WING



OLYMPIC 650



SAGITTA 600/900

SAILPLANE ACCESSORIES

AIRTRONICS' COMPLETE LINE OF FLIGHT-PROVEN, HIGH QUALITY SAILPLANE ACCESSORIES ARE DESIGNED AND ENGINEERED TO MEET THE MOST DEMANDING R/C APPLICATIONS.

SAILPLANE ACCESSORIES

909508	SUPER TOWHOOK
909511	ADJUSTABLE TOWHOOK
909513	SPOILER HARDWARE KIT
909514	DELUXE SKID
909530	HEAVY DUTY TOWHOOK

SAILPLANE LAUNCH ACCESSORIES

909503	QUICK START
909510	HEAVY DUTY SUPER START
909525	HEAVY DUTY HI-START TUBING

ENGINE MOUNTS

AIRTRONICS ENGINE MOUNTS ARE INJECTION MOLDED FROM FILLED PLASTIC THAT IS STIFFER AND STRONGER THAN GLASS-FILLED NYLON NORMALLY USED IN OTHER MOUNTS. BESIDES PROVIDING SUPERIOR VIBRATION AND DAMPING STRENGTH, THEY ALSO FEATURE SELF-LOCKING MOUNTING SCREWS.

PART No.	ENGINE SIZE
909605	.049-.051
909610	.09-10
909615	.12-15
909620	.19-25
909640	.35-40-45
909660	.50-60
909661	.61 WITH PUMP



DESIGN
S.H. ADVERTISING
PRINTED IN JAPAN

AUTHORIZED FREQUENCIES FOR AIRCRAFT AND SURFACE MODELS

AIRCRAFT
72 MHz

CHANNEL #	FREQUENCY
11	72.010
12	72.030
13	72.050
14	72.070
15	72.090
16	72.110
17	72.130
18	72.150
19	72.170
20	72.190
21	72.210
22	72.230
23	72.250
24	72.270
25	72.290
26	72.310
27	72.330
28	72.350
29	72.370
30	72.390
31	72.410
32	72.430
33	72.450
34	72.470
35	72.490

36	72.510
37	72.530
38	72.550
39	72.570
40	72.590
41	72.610
42	72.630
43	72.650
44	72.670
45	72.690
46	72.710
47	72.730
48	72.750
49	72.770
50	72.790
51	72.810
52	72.830
53	72.850
54	72.870
55	72.890
56	72.910
57	72.930
58	72.950
59	72.970
60	72.990

AIRCRAFT
50 MHz*

CHANNEL #	FREQUENCY
00	50.800
01	50.820
02	50.840
03	50.860
04	50.880
05	50.900
06	50.920
07	50.940
08	50.960
09	50.980

AIRCRAFT
53 MHz*

FLAG	FREQUENCY
BLACK/BROWN	53.100
BLACK/RED	53.200
BLACK/ORANGE	53.300
BLACK/YELLOW	53.400
BLACK/GREEN	53.500
BLACK/BLUE	53.600
BLACK/VIOLET	53.700
BLACK/GRAY	53.800

*A TECHNICIAN CLASS OR HIGHER
AMATEUR RADIO OPERATOR
LICENSE IS REQUIRED TO USE
50 AND 53 MHz SYSTEMS.

SURFACE
27 MHz

FLAG	FREQUENCY
BROWN	26.995
RED	27.045
ORANGE	27.095
YELLOW	27.145
GREEN	27.195
BLUE	27.255

SURFACE
75 MHz

CHANNEL #	FREQUENCY
61	75.410
62	75.430
63	75.450
64	75.470
65	75.490
66	75.510
67	75.530
68	75.550
69	75.570
70	75.590
71	75.610
72	75.630
73	75.650
74	75.670
75	75.690

76	75.710
77	75.730
78	75.750
79	75.770
80	75.790
81	75.810
82	75.830
83	75.850
84	75.870
85	75.890
86	75.910
87	75.930
88	75.950
89	75.970
90	75.990



11 Autry, Irvine, CA 92718 Tel. (714) 830-8769