

IMPROVED 1973 DESIGN ! 4-CHANNEL PERFORMANCE AT 3-CHANNEL PRICES.

COMPLETE WITH
4 SERVOS
500 MA NICAD
BATTERIES FOR
RECEIVER AND
TRANSMITTER
SHOCK-PROOF
EXTERNAL CHARGER



EXECUTIVE IV

\$229.95*
(27 MHz)

27 MHz PRICES SHOWN

ADD \$10.00 FOR
53 OR 72 MHz

MADE IN U.S.A.

COMPARE THE FEATURES LISTED BELOW WITH SETS COSTING
HUNDREDS OF DOLLARS MORE-THEN BUY CANNON

TRANSMITTER

BEAUTIFUL, PRACTICAL, FUEL-PROOF, EASY-TO-CLEAN HI IMPACT PLASTIC CASE WITH METER, HIGH RESOLUTION STICKS, 750 MW OUTPUT, NICAD BATTERY POWERED.

RECEIVER

FET SUPERHET, DOUBLE TUNED R.F. SECTION, 2 STAGE AGC, SILICON TRANSISTORS, INTEGRATED CIRCUIT AMPLIFIER AND DECODER FOR THE ULTIMATE IN RELIABILITY.

C-EI SERVOS

UTILIZING THE LATEST ELECTRONIC DESIGN INNOVATIONS. 3 WIRE INTEGRATED CIRCUIT AMPLIFIER WITH NEW I.C. CHIP. CERAMIC FEEDBACK POT ELEMENT. MECHANICS BY D&R PRODUCTS. (SEE NOVEMBER 1971 R/C MODELER)

RANGE

FARTHER THAN THE EYE CAN SEE THE MODEL.

WEIGHT

AIRBORNE WEIGHT 10.4 OZ. WITH 500 MA BATTERIES.

TORQUE

SERVO POWER OVER 3 LBS. TRANSIT TIME 0.4 SECONDS FOR 90 DEGREE ROTATION.

★ SEE YOUR DEALER OF ORDER DIRECT. RETAIL SALES SHIPPED POSTPAID.
(CALIFORNIA RESIDENTS ADD SALES TAX).

CANADIAN SALES

H & W ENTERPRISES
P.O. BOX 972 REGINA, SASK.

Further Evidence Of
'A LOT MORE FOR A LITTLE LESS'



13400-26 Saticoy Street
North Hollywood, Calif. 91605
(213) 764-1488

MODEL SP550 EXECUTIVE IV

Proportional Control System

SYSTEM DESCRIPTION

The Executive IV System consists of a transmitter, receiver, 500 mah nickel-cadmium rechargeable receiver battery and switch harness, external charger with charging cords, and four servos. As supplied, all transmitter and receiver channels are operational, and require only that servos be plugged in to work.

Rechargeable nickel-cadmium 500 mah batteries are supplied with the transmitter. An external shock-proof transformer-type charger complete with charging cords comes with the system. The six-pin plug on the charger cable plugs into the back of the transmitter; the smaller plug accepts the receiver battery connector. In this manner, both transmitter and receiver batteries charge simultaneously. Transmitter switch must be OFF and receiver battery switch ON when charging. A charge indicator lamp in the transmitter shows when units are charging.

A 4.8 volt 500 mah nickel-cadmium receiver/servo battery is supplied with the system to insure consistent operation and maximum reliability. Do not under any circumstances attempt to operate this receiver with standard dry batteries. Standard battery pack is a square configuration.

For lighter, smaller installations, a 4.8 volt 225 mah nickel-cadmium pack is available separately. The standard transmitter charger is used to charge this high-charge-rate battery. No special charger is required.

The Executive IV system is available only as a four-channel factory-assembled system. Two 2-axis sticks are employed, the right-hand stick operating aileron and elevator while the left-hand stick operates motor and rudder. (This is Mode II operation.) The transmitter is factory available also as Mode I, or can be converted in the field to this method of operation. This will place motor control on the right stick and elevator on the left. Trims are provided on all channels. Your system is standard as Mode II unless otherwise specified when purchased.

Latest type integrated circuits are used in the receiver decoder to enhance system reliability and decrease receiver size. This receiver accepts only 3-wire servos.

The latest type C-E1 servos supplied incorporate the latest in design features. Servo mechanics are exceptionally smooth and fast. Electronics are of three-wire bridge-circuit design to provide the utmost in safety, speed, reliability and centering resolution.

Prices and equipment subject to change without notice.

SPECIFICATIONS

Transmitter

Operating Voltage	9.6 volts
Battery Type	500 mah nickel-cadmium
Power Input	1000 milliwatts
Power Output	750 milliwatts
Total Current Consumption	120 milliamps
Pulse Train Duration	14 ms nominal
Frame Rate	70 cps
Pulse Width	Variable 1 to 2 milliseconds (1.5 milliseconds neutral)
Off Time Pulse	300 microseconds
Frequencies Available	All std 27, 53 and 72 MHz (17 Different Frequencies)
Frequency Tolerance	.005%
Operating Temperature Range	0° to +140° F
Dimensions	2 inches deep, 6-1/2 inches high, 7 inches wide
Antenna	54" collapsible whip
Total Weight (with antenna and battery)	2-1/4 pounds

Receiver-Decoder

Rx Type	FET superhet, double-tuned
Sensitivity	4 microvolts
Bandwidth	6 DB at 4 KHz
Intermediate Frequency	455 KC
Available Frequencies	Same as transmitter
Operating Voltage	4.8 volts
Current Drain	26 ma
AGC	2 stages
Operating Temperature Range	0° to +140° F
Dimensions	3/4 inches deep, 1-1/2 inches wide, 2-1/8 inches long
Weight (including plugs)	1.4 ounces
Plug Type	3-pin
Case Type	Hi-impact plastic
Construction	Single deck
No. of Channels	4

Model C-E1 Servo

Output	Rotary
Rotation	±45 degrees
Resolution	±1%
Thrust	Over 3 pounds
Dimensions	3/4 by 1-3/8 x 1-25/32 inches
Weight	1.2 ounces
Current Drain	
Neutral	6 ma
Running	150 ma
Full Stall	450 ma

Standard Receiver Battery

Type	Nickel-cadmium
Cells	4 pencells (sintered)
Voltage	4.8 volts
Capacity	500 mah
Recommended Charge Rate	40 - 50 ma
Size	1-1/4 square by 2-3/16 inches long
Shape	Square
Weight	4 ounces