



CG ELECTRONICS CORPORATION

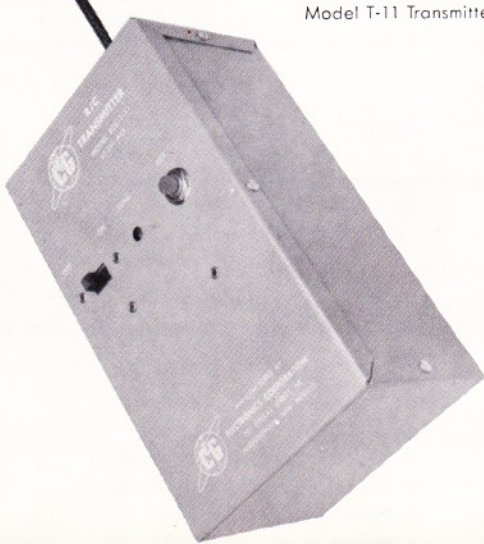
305 Dallas Street, NE • Albuquerque, New Mexico • Phone 6-6121

PRESENTS...

THE ONLY COMPLETE R/C EQUIPMENT LINE ENGINEERED
TO FULFILL YOUR PARTICULAR REQUIREMENTS

✓ Check These Outstanding Features!

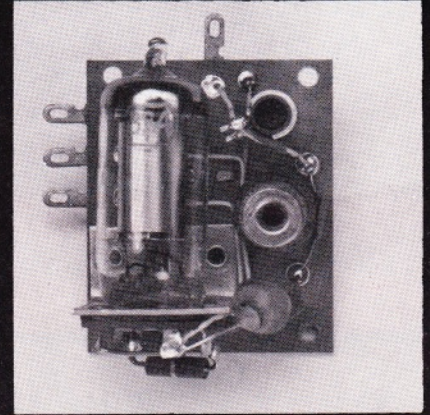
Model T-11 Transmitter



T-11 Transmitter Specifications

- Crystal controlled to conform to FCC requirements on 27.255 mc
- Tuned antenna for maximum radiation and range
- Filament voltage 1.5 volts at 200 milliamperes
- Plate voltage 135 volts at 17-20 ma (key down)
- 3-section, telescoping 60" antenna for convenience in handling
- Pre-tuned, no further adjustments required

PRICE \$24.95



Model 4-A Receiver

PRICE \$12.95

RELAYS

Reed Relay Specifications

- Two, Three and Five-Channel resonant reed
- Coil resistance: 7000 ohms
- Minimum driving voltage: 4 volts rms
- Reed frequencies: from 250 to 400 cps
- Weight: .4 ozs., sub-miniature less than 1 cu. inch.
- Reed contacts adjustable
- Pre-adjusted and tested in our plant

PRICE: AR-2 (2 reed) \$11.95
AR-3 (3 reed) \$12.95
AR-5 (5 reed) \$19.95

Designed by CG engineers to complement our sub-miniature multi-channel equipment. Now, for the first time, this custom resonant reed relay is made available for those who design and build their own equipment. The schematic of our fabulous transistorized multi-channel receiver furnished free of charge with each reed relay upon request.

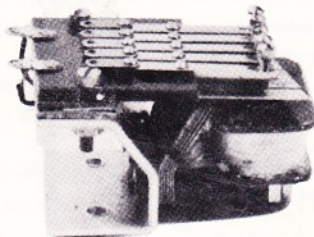
4-A Receiver Specifications

- Super-regenerative circuit of advanced design
- Maximum sensitivity to insure reliable operation over long range
- Filament voltage 1 to 1.5 volts
Filament current 100 milliamperes
- Plate voltages 22½ to 67½ volts
- Plate current at 45 volts—
No signal—2½ milliamperes
Signal—.75 milliamperes
(These figures using a 5000 ohm relay.)
- Recommended relay—
45V and under, 5000 ohms
Above 45V, 7250-8000 ohms
- Antenna 12 to 24 inches

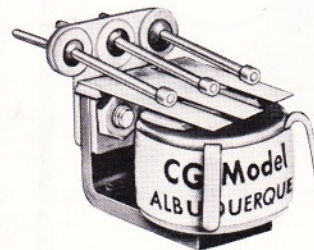
Sensitive Relay Model V-11 Specifications

- Sensitive plate circuit relay designed for R/C
- Coil resistance: 5000 ohms
- Single pole single throw
- Pre-adjusted to pull in at 1.4 ma and drop out at 1 ma
- Weight: .5 ozs., sub-miniature less than 1 cu. inch

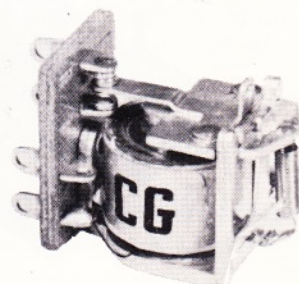
PRICE \$4.95



Model AR-5



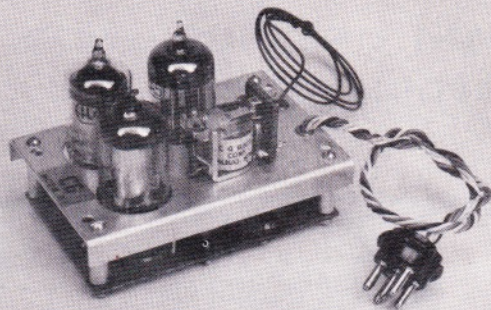
Model AR-3



Model V-11

SINGLE CHANNEL

"CONVERTIBLE" TONE SYSTEM



Model R-1 Receiver

These new items offer the R/C fan a fail-proof system and the ultimate in simplicity.

C G uses the latest electronic manufacturing techniques such as etched circuitry and assembles all units under a rigid inspection system to assure you equipment of the highest quality.

R-1 Receiver Specifications

- Non-selective single channel tone
- Rugged, compact construction
- Pre-tested and tuned before shipment
- Weight: 3 1/2 ozs. less batteries
- Complete with relay, plug, and socket
- Power requirements: filament 1 1/2 volts at 300 mills (D size flashlight); plate 45 volts at 1 1/4 mills no signal, 6 to 7 mills signal, 15 volts bias (no current drawn)

- No critical adjustments
- Antenna length is not critical
- Virtually interference free
- A "stray" carrier will not actuate relay —this assures you of a double safety on the crowded 27.255 mc band
- Extreme sensitivity to insure range plus

PRICE **\$28.95**

CONVERSION EQUIPMENT

Convert your present single channel tone receiver to two or three channel operation. Consult your dealer for details.

T-12 Tone Transmitter Specifications

- Tone modulated for single channel operation
- Constant carrier keyed tone
- Pre-tuned at factory, no further adjustments required
- Crystal controlled to transmit on FCC examination free band at 27.255 mc
- Crystal is damage proof when operated without antenna
- Telescoping 54" chrome plated antenna
- Weight: approximately 3 1/2 lbs. with batteries

- Rugged precision construction
- Pre-tested before shipment
- Power input: 1 1/2 watts
- Range plus!
- Power requirements: filament 1 1/2 volts 250 mills; plate 135 volts 10 mills
- Hand held

PRICE **\$33.95**



Model T-12 Transmitter

2 CHANNEL

TRANSISTORIZED SYSTEM

Transistors · Printed circuitry · Tuned reeds · Subminiature components throughout · Rugged construction

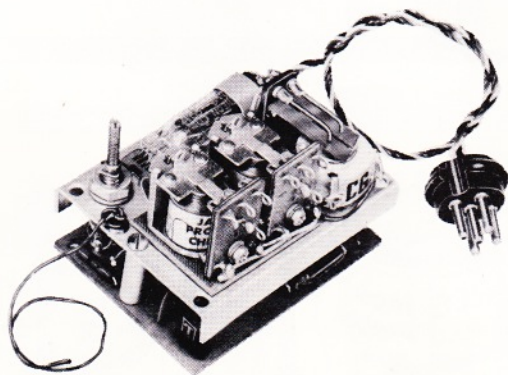
Now it is possible to fly a 1/2 A Model with two channels.

RT-2 Receiver Specifications

- Carrier frequency 27.255 mc tunable
- Audio frequency between 250-400 cps fixed
- Batteries—uses only one 22 1/2 volt or 30 volt hearing aid battery and one penlight cell
- Power requirements: 22 1/2 volts at 1.5 ma no signal, 3.5 ma signal; 1 1/2 volts at .04 amps.
- Weight: 3 1/2 ozs. less batteries, complete with batteries, 5 1/2 ozs.

- High sensitivity—uses subminiature 1AG4 detector backed-up by two transistor amplifiers
- Bench tested and flown in a 1/2 A Model for over a period of 5 months to assure you of a top quality fool-proof unit!
- We recommend the use of our T-15 Transmitter and M-3 Modulator with the RT-2 available through your local dealer!

NET PRICE **\$69.95**



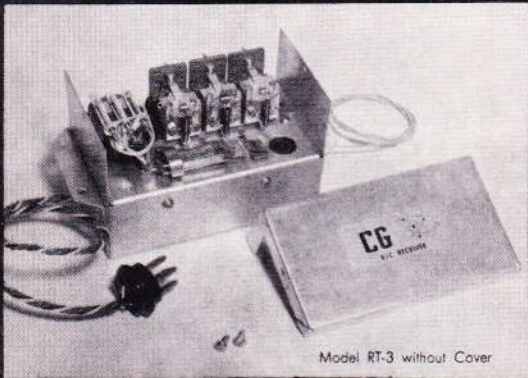
Model RT-2 Receiver

3 CHANNEL

TRANSISTORIZED SYSTEM



Model RT-3 with Cover



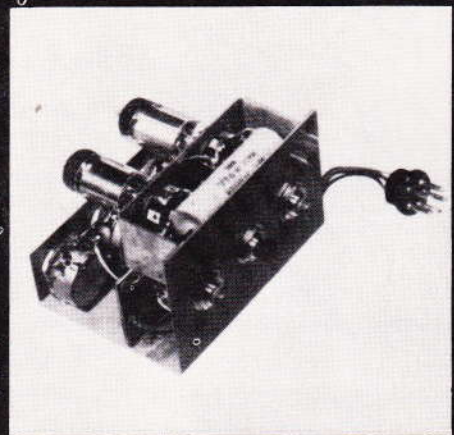
Model RT-3 without Cover

RT-3 Receiver Specifications

- Carrier frequency 27.255 mc tunable
- Audio frequency between 250-400 cps fixed
- Batteries — uses only one 30 volt hearing aid battery and one penlight cell
- Power requirements: 30 volts at 1.5 ma no signal, 4 ma signal; 1 1/2 volts at .04 amps.
- Weight: 5 ozs. less batteries, complete with batteries, 7 ozs.
- High sensitivity — uses subminiature 1AG4 detector backed up by two-transistor amplifiers.
- Bench tested and flown for over a period of 5 months to assure you of a top quality, fool-proof unit!
- Measures: 2" high, 3" long, 1 1/4" wide with cover in place but not including removable mounting brackets.
- Available for 50 to 54 MC operation at no additional cost.

PRICE **\$79.95**

M-3 Modulator



Model M-3 Modulator

M-3 Modulator Specifications

- Three channels of tone for positive multi-control when used with the T-15 Transmitter
- Oscillator of modern design...unusual stability...once tuned, oscillator maintains frequency
- Tuning controls accessible from exterior of cabinet
- Frequency range from 220 to 500 cycles per second
- 85% minimum modulation to prevent receiver blocking.

PRICE **\$29.95**

CONVERSION
EQUIPMENT

Hobbyists! It's easy to convert your present T-15 to multi-channel!
If you have the single-channel T-15 Transmitter now, you can convert it quickly and simply to three-channel precision control in a matter of minutes.
No soldering necessary. The CG M-3 Modulator can be installed in the T-15 with just a screwdriver.
Recommended for use with the RT-2 and RT-3 receivers.



CG's new hand-held multi-channel T-15 Precision Transmitter for full control of rudder, elevators, and throttle. Push the button and outstunt and outfly them all. Easier to operate.
CG's new M-3 Modulator guarantees the last word in stability. Once tuned, the oscillator maintains its frequency.

T-15 Transmitter Specifications

- Single channel CW operation or tone modulated for multi-channel operation (when used with the M-3 Modulator)
- Pre-tuned at factory, no further adjustments required.
- Crystal controlled to transmit on FCC examination-free band at 27.255 mc.
- Crystal damage proof when operated without antenna.
- 60" chrome plated telescoping antenna
- Weight: approximately 4 pounds with batteries.

- Rugged, precision construction.
- Pre-tested before shipment.
- Power input: 3 watts maximum.
- Power requirements — Filaments: CW operation—1 1/2 volts 200 ma, Tone operation—1 1/2 volts 350 ma; Plate: CW operation—135 volts 20 ma (key down) Tone operation—135 volts 10 ma continuous.
- Available for 50 to 54 MC operation at small additional cost.

PRICE **\$29.95**

K-1 INSTALLATION KIT For Single Channel or Multi Channel Installations

PRICE **\$2.95**

25 ft. of miniature hook up wire in 5 different colors.

Double pole, single throw switch.

Push button switch for your throttle.

Resistors for spark suppression of relay points.

Five pin plug and socket for battery or escapement connections.

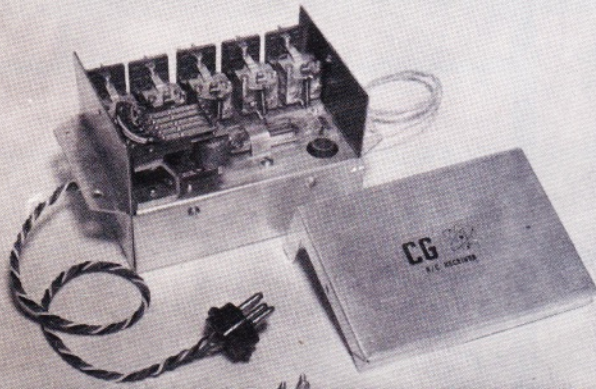
Wiring diagrams and instructions.

TRANSISTORIZED

5 CHANNEL RC RECEIVER AND TRANSMITTER



Model RT-5 with Cover



Model RT-5 without Cover

RT-5 Receiver Specifications

- Carrier frequency 27.255 mc tunable.
- Audio frequency between 250-400 cps fixed.
- Batteries — uses only one 30 volt hearing aid battery and one penlight cell.
- Power requirements: 30 volts at 1.5 ma no signal, 4 ma signal; 1½ volts at .04 amps.
- Weight: 7 ozs. less batteries, complete with batteries, 8½ ozs.
- High sensitivity — uses subminiature 1AG4 detector backed-up by two transistor amplifiers.
- Bench tested and flown by leading contest flyers for over a year to assure you of a top quality fool-proof unit!
- We recommend the use of our T-5 Transmitter with the RT-5. Available through your local dealer!
- Tested and tuned at the factory and rarely requires additional tuning or adjustment.

- Highly stable, once adjusted remains in adjustment for many months of trouble-free operation.
- Cabinet designed with cover to protect relays from dirt or oil.
- Fantastic battery life due to low current drain.
- Latest manufacturing techniques including printed wiring and subminiature components throughout.
- Complete with full instructions and necessary battery plug with mating socket.
- Uses the AR-5 channel subminiature reed relay.
- Measures 2" high, 3" long, 2¼" wide with cover in place but not including removable mounting brackets.
- Available for 50 to 54 MC operation at no additional cost.

PRICE **\$119.50**

For those who build their own equipment, ask for our parts list and schematic.



Model T-5 Transmitter

T-5 Transmitter Specifications

- Crystal controlled 27.255 mc. conforms to FCC.
- Tuned antenna for maximum range.
- 5 channels of extreme stability, stays within 2 cycles over useful range of batteries. Modulation in excess of 95%.
- All channels variable over limited range. Approx. 100 cps.
- Stick type control for rudder and elevator.
- Lamp indicates when power is on and also indicates when the "B" batteries needs replacement.
- Recommended for use with the RT-5. Can also be used with the RT-2 and 3.

- Filament 1.5 volts at 300 ma; plate 135 volts at 10 ma for long battery life.
- Cannot damage crystal or transmitter when operated without antenna.
- Pretuned and tested at factory. RF section needs no tuning.
- Light weight: Approx. 4 lbs. with batteries.
- Ruggedized construction using latest techniques.
- Channel tuning accessible from exterior of cabinet.
- Available for 50 to 54 MC operation at a small additional cost.

PRICE **\$89.95**

Not Sold in Parts Package Form

MISCELLANEOUS EQUIPMENT

Universal installation kit for single-channel CW receivers	\$1.98
R/C crystal 27.255 mc	3.95



All CG Equipment Now Available in Parts Packages. Ask for Prices

CG ELECTRONICS CORPORATION

305 Dallas Street, NE, Albuquerque, N. M.