



RADIO CONTROL EQUIPMENT

FOR OPERATION ON:

27 mc Frequencies
26.995 mc 27.145 mc
27.045 mc 27.195 mc
27.095 mc 27.255 mc
And 465 mc Frequency

Single Channel

Dual Channel

Multi Channel Simultaneous

Selective Superheterodyne

Servos

Escapements

- ★ *First and oldest company to make R/C equipment on the Citizen's Band!*
- ★ *First to meet FCC approval on Citizens' Band!*
- ★ *Most Complete line of R/C equipment available.*

CATALOGUE No. CSB

Effective January 1, 1960

CITIZEN

SHIP

RADIO

CORP.

**820 EAST 64TH STREET
INDIANAPOLIS 20, IND.**

MODEL UR RECEIVER

\$27.95



The Model UR Receiver is the end result of Citizen-Ship's efforts in engineering a lighter weight, smaller sized, carrier operated single channel receiver. The "UR" weighs $1\frac{3}{4}$ ounces . . . measures $2\frac{1}{4} \times 1\frac{5}{8} \times 1$ and is operated by a 9 volt, $1\frac{1}{3}$ ounce battery.

The UR will allow the ultimate in small area flying, such as in a vacant lot or baseball diamond. It is excellent for use with planes using ".020" motors. The UR comes complete, ready to "fly-out-of-the-box." It was designed for use with the low priced, highly efficient FL transmitter or any unmodulated type carrier transmitter (including Citizen-Ship CTX Transmitter).

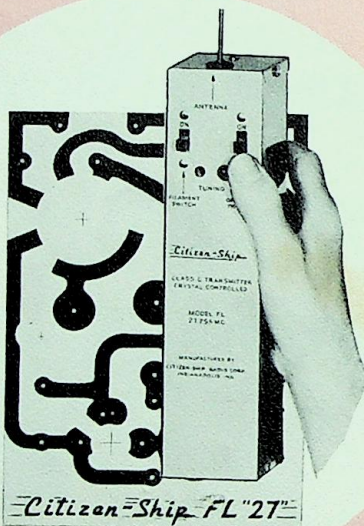
Without question, the UR Receiver is the best buy in single channel receivers.

THE IDEAL COMPANION TO THE UR RECEIVER

MODEL FL "27" TRANSMITTER KIT

INCLUDES CRYSTAL AND POWERFUL 3A4 TUBE

\$15.95



A single tube, crystal controlled transmitter engineered to provide highest possible output. Extra parts added to reduce "B" battery drain without reduction in signal output.

No guess work in assembling—simply put parts in place as indicated on easy-to-check diagram.

- So small it handles like a flashlight.
- Printed Circuit design.
- Built-in tuning indicator with one adjustment ONLY.
- Most copied transmitter in the radio control field.

**MODEL FLX "27"—SAME AS "FL" EXCEPT \$19.95
FACTORY ASSEMBLED AND TESTED.....**

MINIATURIZED, TRANSISTORIZED RADIO CONTROL RECEIVER

MODEL MTK "27"

27.255 mc. . . . Printed Circuit Kit

COMPLETE WITH TRANSISTOR, TUBE AND RELAY

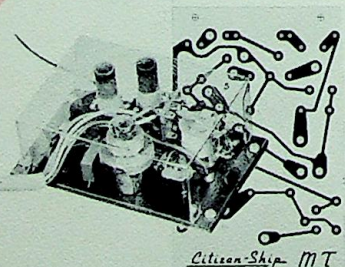
Lightweight carrier operated receiver, only 2 oz. . . . 2 oz. battery complement . . . $\frac{1}{2}$ M.A. idle; 3 M.A. relay current change . . . ultra fast pulse time . . . uses amplification factor of transistor . . . sensitivity increased 4 times . . . protective acetate box . . . printed circuit base . . . actual size 3" long, $1\frac{7}{8}$ " wide, $1\frac{3}{16}$ "

high . . . for use with Citizen-Ship FL, FLX, CTX, LC, 27.255 mc transmitters.

-\$19.95

**MTR "27" SAME AS MTK "27" EXCEPT
FACTORY ASSEMBLED AND TESTED.....**

\$24.95





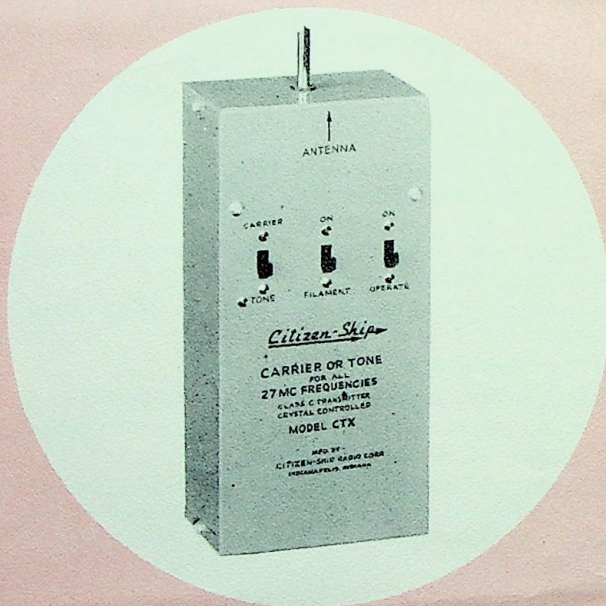
MODEL JSH RECEIVER

Micro-Miniaturized Single Channel
Selective Superhet Receiver

\$49.95

Weights Only 2 ounces—Measures Only $2\frac{7}{8}$ x $1\frac{13}{16}$ x 1

ENJOY • the extra advantages of superhets at very little extra cost
• freedom from interference . . . super reliability . . . fixed tuning
• selectivity that permits flying simultaneously with as many as six other modelers (superhet equipment on 26.995, 27.045, 27.095, 27.145, 27.195 and 27.255 operates simultaneously, along with our 465 equipment, with NO INTERFERENCE)
Crystal controlled oscillator . . . set includes 7 transistors . . . uses miniature 9 volt transistor battery . . . specially designed for $\frac{1}{2}$ A planes . . . change frequency by simply changing crystals . . . available from stock in 27.145 and 27.045 mc. (other frequencies available by special order; no extra charge). Use with Citizen-Ship CTX Transmitter.



MODEL CTX TRANSMITTER

Single Channel Transmitter
Custom Deluxe Tone or CW

\$39.95

A dual purpose transmitter for the discriminating modeler.

- Can be used with on-off carrier or on-off tone.
- Specially designed to stay within FCC regulations on the new 27 mc frequency assignments as well as 27.255 mc.
- Can be used on ALL new frequencies by changing crystals and slightly re-tuning.
- Economical battery power—only 200 MA filament drain.
- MOPA circuit.
- Collapsible whip antenna.
- Will operate any or all single channel receivers: UR, MTK, SSSTR and 3VTR.

The CTX Transmitter will be furnished from stock to operate on either 27.045 mc or 27.145 mc (as well as 27.255 mc). Other frequencies available on special order at no extra charge. Please specify.



MODEL 3VTR RECEIVER

Tone Receiver 3 Volt
For 27 mc Band

\$34.95

Whereas this is not a selective receiver, it is designed to be operated by the CTX Transmitter for general purpose flying.

- Completely transistorized.
- Total battery requirements 2 pencils.
- Idle current so low that battery life will equal shelf life.
- Actual size $2\frac{1}{4}$ " x $1\frac{5}{8}$ " x 1"—small enough to be especially suited to .020 planes.
- Weighs only 2 ounces.

The 3VTR Receiver may also be used with Citizen-Ship REX or MST-8 Transmitters.

MODEL KV-8 RECEIVER

Selective Superheterodyne
8-Channel Receiver

\$129.⁹⁵

- Measures $2\frac{7}{8} \times 2\frac{1}{4} \times 2\frac{3}{8}$. Weighs 8 ounces.
- The KV-8 fits all existing multi-channel plane kits.
- The KV-8 is all transistorized—no delicate tubes to fail.
- Crystal controlled oscillator—cannot drift off frequency.
- Uses only 1 miniature 15 Volt hearing aid battery.
- Change frequency by simply changing crystal.
- For use with Citizen-Ship MST-8 Transmitter.

DON'T WAIT YOUR TURN TO FLY—FLY THE KV-8—the eight channel receiver that permits flying with as many as six other modelers (superheterodyne equipment on 26.995, 27.045, 27.095, 27.145, 27.195, and 27.255 operates simultaneously without interference, along with our 465 mc equipment).

MODEL MST-8 TRANSMITTER

Multi-Simultaneous
8-Channel Transmitter

\$99.⁹⁵

The MST-8 Transmitter is the companion piece to the MSR-8 and also operates the new selective SS-MSR8 Receiver on any of the new FCC frequency assignments by changing crystal and slightly retuning, if necessary. All features of this transmitter are retained plus the virtue of extra selectivity.

- Organ tone stability—tone generators are the same as used in famous electronic organ.
- Single stick operates all directional and aileron movements.
- Easy push buttons for motor control.
- Low battery drain—filament current only 300 M.A.
- Audio tones definitely remain stable throughout changes of "B" battery voltage.

Will be furnished from stock to operate either on 27.145 mc or 27.045 mc (as well as 27.255 mc). Other frequencies available on special order at no extra charge. Please specify.

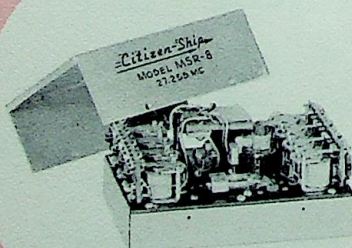
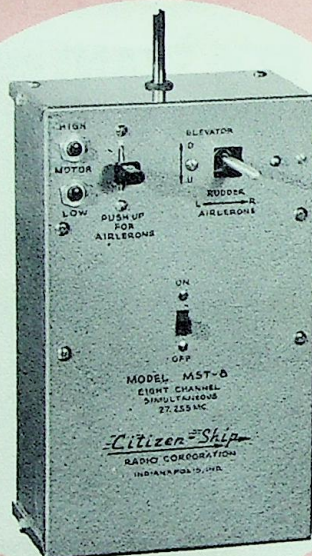
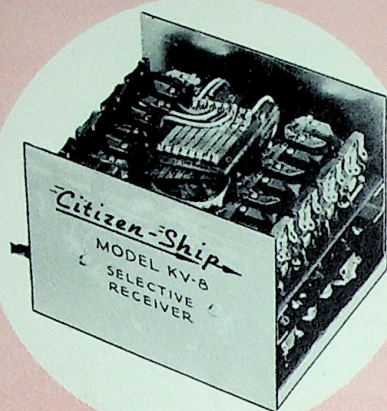
MSR-8 REED RECEIVER

27.255 mc

The ultimate in R/C equipment from Citizen-Ship . . . the Multi Simultaneous 8-Channel Receiver. Just check these features:

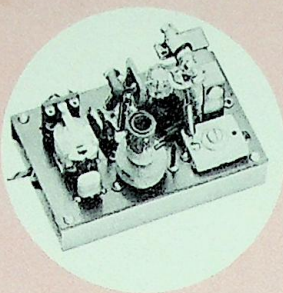
- Simultaneous operation—use any two controls together.
- Transistorized—uses one pen cell and one 30V hearing aid battery.
- Reliable Operation down to $22\frac{1}{2}$ V "B" battery.
- Only one simple tuning adjustment required—accessible through aluminum cover.
- Weighs only 9 ounces including completely protective aluminum box.
- For use with Citizen-Ship MST-8 Transmitter.
- Overall size: $2\frac{1}{2}$ " wide x $3\frac{7}{8}$ " long x $1\frac{7}{8}$ " deep

\$99.⁹⁵



Citizen-Ship RADIO CORP.

820 EAST 64TH STREET
INDIANAPOLIS 20, IND.



MODEL TC-465 mc.

NOW combines the advantages of flying 465 mc with advantages heretofore available only on 27.255 mc.

- Light weight—3 oz. including protective aluminum mounting base.
- Low idle—extra high relay current change.
- Unsurpassed range and reliability.
- One simple sensitivity adjustment.
- Actual size 3" long, 1 7/8" wide, 1 3/4" high.
- For use with Citizen-Ship CC or CC-1 465 mc Transmitter.

**EXTERNAL ANTENNA PROVISION
FOR BOAT INSTALLATION!**

\$26.95



TRANSMITTER CC-1 465 mc.

Tested by 10 years of Field Experience will give a lifetime of trouble-free operation. Absolutely fool-proof with no service problems . . . just plug in batteries and fly.

Proof of quality in workmanship and durability is attested by the fact that it had to pass F.C.C. laboratories in Washington before it could be manufactured. For use with Citizen-Ship TC, CR or AR Receivers.

\$34.95

Model CC-1 465



RECEIVER MODEL RER

27.255 mc DUAL CHANNEL TONE RECEIVER

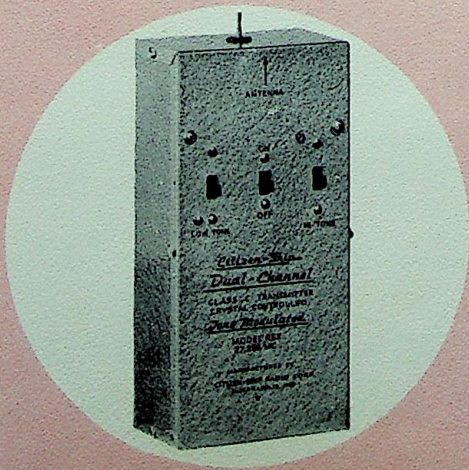
A compact, lightweight, rugged unit—only 7 ounces, including protective steel box. . . . Will selectively close either of two relays upon receiving the correct audio tone. . . . Tuned by means of built-in selective filters which are fixed and non-critical. . . . Ideal for use in boats. . . . Low idling current—hi plate current change. . . . Extreme sensitivity.

**Low priced receiver for
multi-channel operation**

\$44.95

Model IRE INSTALLATION KIT

\$4.95



MODEL REX TRANSMITTER

27.255 mc CLASS C TRANSMITTER

CRYSTAL CONTROLLED—TONE MODULATED

A 3 tube fully tuned and adjusted transmitter for multi-control of model planes and boats.

MOPA circuit.

Right switch gives hi-tone.

Left switch gives low-tone.

Fixed tuning of tones requires no adjustments to match receiver selective filters.

\$39.95

Long battery life

CITIZEN-SHIP ACTUATOR (Servo)

It's Revolutionary!

The Citizen-Ship Motor Driven Actuator (servo) is a basic unit which can be made up into 4 DIFFERENT actuators (servos).

We are featuring a "do-it-yourself" kit from which you can build any one of 4 types or convert as you progress. Available in built-up or kit form . . . will not become obsolete!

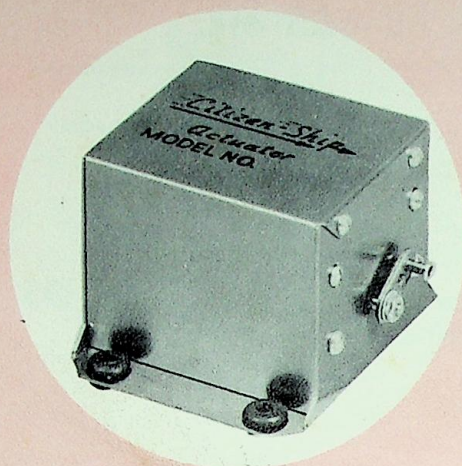
Actuator for multi-channel equipment requires only 7-prong plug.

- Mounts in any position.
- Weighs only 3 ounces.
- Exceptionally low current drain.
- Fast and powerful action.
- Adjustable bell crank.
- Printed circuit switching.

\$11.95

KIT The only Servo Kit in the industry.

Built-Up Models HRH, 2R2H, 1R3H, 3R, each..... **\$14.95**



Model HRH—for use with Citizen-Ship MSR-8 Multi-Channel Receiver.

Model 2R2H—Simple 2 position—2 neutral commonly used for rudder control on boats or planes.

Model 1R3H—1 neutral with 3 positions, two of which control rudder or elevator and third position for auxiliary use such as motor speed control.

Model 3R—3 positions especially designed for 3 speeds of either electric or glow plug engines.

CITIZEN-SHIP SE ESCAPEMENT

Select right or left **at will**. Always starts from same neutral. One pulse gives right rudder; two pulses left rudder. Weight less than one oz. Mounting and space requirement interchangeable with PSN.

Model SE, The Best at only..... **\$7.95**

CITIZEN-SHIP PSN ESCAPEMENT

Right and left comes up in sequence when transmitter keyed. Neutral with no signal gives fail-safe operation. Guaranteed 25,000 operations. Dimensions $\frac{7}{8}$ " x $\frac{7}{8}$ " x $\frac{5}{8}$ ".

MODEL PSN, Low Priced..... **\$5.95**

CITIZEN-SHIP MSC MOTOR SPEED CONTROL

CONTACT CONTROL—Mounts on SE Escapement.

- Gives motor speed change with "fast beep" on transmitter operated switch.
- Greatest advance in additional control with single channel.

CONTROL VALVE—Mounts on PSN Escapement.

- Can't miss.
- Can't leak—suction cup seal.

MSC (Motor speed control accessories) ONLY..... **\$3.95**

CITIZEN-SHIP ECONOMY PACKAGE

Model MSC\$3.95
SE Escapement\$7.95
PSN Escapement\$5.95

All for **\$17.50**

