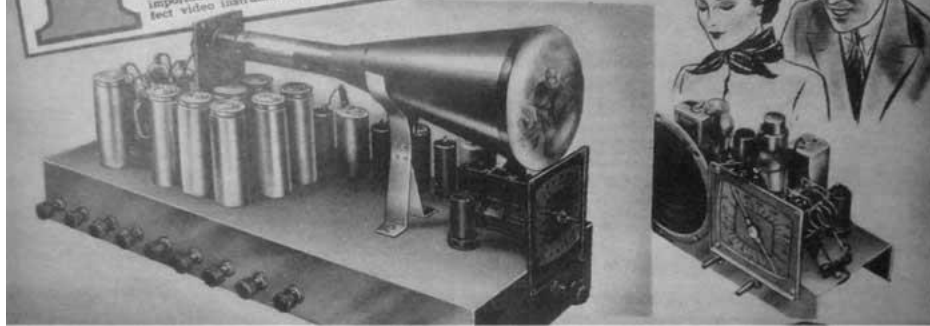


TELEVISION IS HERE!

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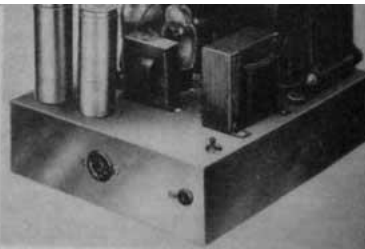
WHOLESALE RADIO SERVICE CO. proudly takes the lead once more and presents the first practical experimenters television kit. Incorporating the very latest developments in this fascinating work-miracle of science this kit is the culmination of years of effort on both here and abroad. With this kit, designed by America's outstanding advanced engineers, the also art takes its first important "step out of the laboratory". It is a perfect video instrument for the home experimenter.

Add to your Thrills by
building your own receiver



GAROD TELEVISION KIT

The unforgettable thrill of capturing images from the air is now yours, as is also the undeniable and pardonable pride that will come from being among the first to enjoy this most modern form of entertainment. Conforming fully to standards set up by television stations throughout the country and fully licensed by RCA this receiver is designed to reproduce images scanned at 441 lines, interlaced, 30 frames per second. This provides images that are sharp in detail, fully contrasted, without flicker and in every way comparable to the better type home movies. The images are bright and do not require darkening of the room to view, although obviously the contrast is greater when there is less external light to overcome. Aspect ratio of the frame is 4 to 3 providing a picture similar in proportion to the average movie. A five-inch electrostatic deflection type cathode tube produces a picture large enough to be viewed comfortably by the average home group. Overall color of the present tube image is a pleasant shade of green. By the middle of September we expect to offer a tube producing clear black and white images. Reliable range of completed receiver is approximately 30 miles. The kit contains complete set of approved and tested parts, transformers, condensers, chassis and fullest instructions for assembling, wiring and operating complete video receiver having a tuning range of 45 to 52 megacycles.



Improved 5-Inch Cathode Ray Tube

The cathode-ray tube used in this kit is the electrostatic deflection type with long-life fluorescent screen having a virtually flat plane viewing surface, producing an image with practically no aberration or edge-distortion. Sixteen tubes are used in the receiver and power supply as follows: 1-1852 high transconductance r.f. amplifier; 1-6K5 electronic mixer; 3-1852 high transconductance i.f. amplifiers; 1-6BE demodulator; 1-1852 first video amplifier; 1-4U6G second video amplifier; 1-6BE synchronizing impulse selection and separation circuit; 2-4L7G sweep amplifiers; 2-6F8G saw-tooth sweep oscillators; 1-5Z5 rectifier and 1-8Y9 high voltage rectifier. Controls have been reduced to ten, including tuning control as follows: (1) cathode ray bias; (2) cathode ray focus; (3 and 4) spot location; (5) low frequency sweeps; (6) high frequency sweep; (7 and 8) synchronizing separator and selector controls; (9) overall gain control; (10) tuning control. Kit includes punched and drilled chassis for video receiver and power supply.

K22496 - Garod Television Kit, including all components, less tubes, For 110 volts A.C. Shpg. wt. 42 lbs.
YOUR COST **\$49.95**
 Complete kit of tubes for above, less cathode ray tube, **YOUR COST** **\$17.98**
 Complete Television Kit, including kit of tubes AND 5-inch cathode ray tube **\$99.95**

NOTE: Receiver will work only in localities where a television broadcast station is in operation.

The video receiver described on this page is for the reception of television signals only. For reception of the accompanying sound program the Garod Model 100-FR high-frequency 7-tube a.c.d.c. receiver is required. This receiver is not in kit form but is completely assembled, factory wired and tested, ready for operation. Frequency range 45 to 60 megacycles. Tubes used are: 1-6BE, 2-6KT's, 1-4L7G, 1-25Z5G "beam-power" output tube, 1-25Z5G rectifier and 1-4K2B rectifier. Receiver is supplied with a 6-inch high-fidelity speaker, complete in a handsome walnut cabinet. For operation on 110 volts d.c. or a.c. (50-60 cycles).

K22401 - Garod Model 100-FR a.c.d.c. high frequency receiver, complete with tubes Shpg. wt. 7 lbs.

YOUR COST **\$26.25**
 We can supply an "electron gun" or cathode ray scanning tube, for amateurs engaged in television transmission. This "gun" has a 3-inch scanning screen.

K21916 - **YOUR COST** **\$32.00**
Cathode Ray Tubes
K21917 - 2-inch \$1.49
K21918 - 3-inch \$1.49
K21919 - 5-inch \$14.00

