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Spring Plowing

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RCA Laboratories provides another great achievement in television—the “mirror-backed” Kinescope, or picture tube.

New “searchlight brilliance” for home television !

Now, large screen television pictures are twice as bright—yes, *twice as bright* as ever before!

You can “count every eyelash” in the close-ups. You’ll almost want to shake hands with the people on your television screen—so great is the illusion that they are actually in your living room.

This new sharpness and brilliance is achieved through the new RCA “mirror-backed” Kinescope, or picture tube, perfected at RCA Laboratories.

It has a metallic film—eight-millionths of an inch thick. This metallic film acts as a reflector, allowing electrons to pass through to the screen but preventing

light rays from becoming lost through the back of the tube. Just as the reflector of a searchlight concentrates its beam—so does this metallic film reflector double the brilliance and clarity of detail in home television receivers.

Similar progress-making research at RCA Laboratories is being applied constantly to all RCA Victor products—assuring you that anything you buy bearing the RCA monogram is one of the finest instruments of its kind science has achieved.

Radio Corporation of America, RCA Building, Radio City, New York 20. Listen to The RCA Victor Show, Sundays, 4:30 P.M., Eastern Time, over the NBC Network.



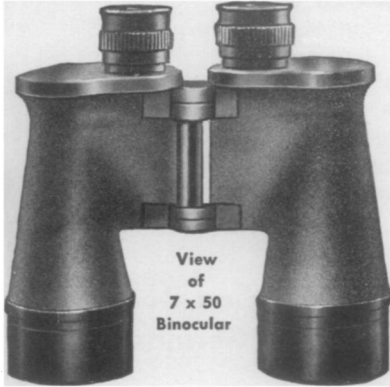
RCA Victor home television receivers will be available in two types. One model will have a direct-viewing screen about 6 by 8 inches. The other type will be similar to the set shown above—with a screen about 15 by 20 inches. Both instruments are being readied for the public with all possible speed and should be available this year.



RADIO CORPORATION OF AMERICA

WAR BARGAINS in LENSES and PRISMS

NOW! MAKE YOUR OWN BINOCULARS!



FLASH! JUST RECEIVED

We now have Metal Parts and Bodies for Navy's 7 x 50 Binocular. Complete details sent with all orders for sets shown to right or upon request.

COMPLETE SET OF LENSES AND PRISMS FROM NAVY'S 7 x 50 MODEL

SAVE UP TO \$150.00!

Here's an unusual opportunity to secure a fine set of Binoculars . . . at a tremendous saving of money. Build them yourself with all of the very same optics contained in the Navy's 7 Power Glasses . . . the Binoculars which received such wide acclaim during the war. Depending on your choice, you may buy a near perfect set of Lenses and Prisms for the Binocular construction job, or a set of seconds (exactly the same units, but Lenses are uncented and have some imperfections). If, however, you wish to construct a Monocular (½ a Binocular) you may do so, choosing either near perfect components or seconds. The Monocular Sets comprise ½ quantities of the same optics required for the Binocular. The full near perfect Binocular Set comprises the following: 2 Cemented Achromatic Eye Piece Lenses, 17.5 mms. diam.; 2 Eye Field Lenses; 4 Porro Prisms; 2 Cemented Achromatic Objective Lenses, diam. 52 mms. Complete assembly directions included, but no metal parts.

Stock #5102-Q Near Perfect Binocular Set . . . \$25.00 Postpaid
 Stock #5103-Q Near Perfect Monocular Set . . . \$12.50 Postpaid
 Stock #5105-Q Seconds for Binoculars . . . \$11.00 Postpaid
 Stock #5104-Q Seconds for Monoculars . . . \$ 5.50 Postpaid

All items Finely Ground and Polished but Edges Slightly Chipped or Other Slight Imperfections Which We Guarantee Will Not Interfere with Their Use. Come Neatly Packed and Marked.

TO KEEP POSTED on all our new Optical Items, send 10c and your name and address to get on our regular "Flash" mailing list.

OPTICS FROM 4-POWER PANORAMIC TELESCOPE—Excellent condition. Consists of Objective Prism, Dove Prism, Achromatic Objective Lens, Amici Roof Prism, Eye Lens Set (. . . a \$60.00 value)

Stock #5016-Q . . . \$6.00 Postpaid

MICROSCOPE SETS

Consisting of two Achromatic Lenses and two Convex Eye Piece Lenses which you can use to make a 40 Power Pocket Microscope, or 140 Power Regular Size Microscope. These color corrected Lenses will give you excellent definition.

Stock #1052-Q . . . \$3.00 Postpaid

Consisting of Prism, Mirror and Condensing Lens. These used together with Stock #1052-Q will make an excellent Micro-projector enabling you to get screen magnification of 400 to 1000 Power according to screen distance.

Stock #1038-Q . . . \$2.00 Postpaid

RIGHT ANGLE PRISM—Flint Optical Glass, size 41 mm. by 91 mm. by 64 mm. Use in front of camera Lens to take pictures to right or left while pointing camera straight ahead. Also used in front of camera Lens to reverse image in direct positive work. Two of these Prisms will make an erecting system for a Telescope.

Stock #3076-Q . . . \$3.00 Postpaid

BIG DOUBLE CONVEX LENS—74 mm. diam., 99 mm. F.L. Weighs 9 oz. Made of borosilicate Crown Optical Glass. Used as spotlight Lens, Condensing Lens, etc.

Stock #1048-Q . . . \$1.50 Postpaid

BIG DOUBLE CONCAVE LENS—74 mm. diam., minus 110 mm. F.L. Made of extra dense Flint. Used as reducing Lens, for trick photography, etc.

Stock #1049-Q . . . \$1.00 Postpaid

MISCELLANEOUS ITEMS

Stock No. Price

2024-Q—10 Pieces Circular A-1 Plate Glass (Dia. 31 mm.—for making filter) . . . \$.25

523-Q—Six Threaded Metal Reticule cells25

624-Q—Neutral Ray Filter size 4 3/4" x 2 1/2"25

22-Q—Inclinometer—aircraft type25

535-Q Small First Surface Mirror. 30c each

3003-Q Amici Roof Prism with Corrected Roof . . . \$2.50 each

633-Q Combination Polarizing and Infra-Red Filters, diam. 20 mm. . . .50c each

(Minimum order on above \$1.00)

SECONDS IN PLANO-CONVEX CONDENSING LENSES

Stock #1061-Q Diam. 6 1/2", F.L. 9" \$2.00 each Postpaid

Stock #1068-Q Diam. 4 7/16" F.L. 6 1/2" . . .70c each Postpaid

We have a large supply of other seconds in Condensing Lenses for Spotlights and Enlargers—diam. from 3 1/2" to 6 1/2"—priced very low. Write for list!

TANK PRISMS—PLAIN OR SILVERED

90-45-45 deg. 5 1/8" long, 2 1/8" wide, finely ground and polished. Perfect condition. Would normally retail from \$24 to \$30 each.

Stock #3004-Q Silvered Prism \$2.00 Postpaid

Stock #3005-Q Plain Prism . . . \$2.00 Postpaid

Illustrated Book on Prisms included FREE.

TANK PERISCOPE

Complete Set Mounted Components

Rugged, strong, originally constructed for U. S. Tank Corps. Consists of 2 fine Periscope Mirrors mounted in metal and plastic. Perfect condition. Would normally retail at \$40 to \$50. Stock #700-Q. \$2.00 Complete Set Postpaid.

SPECIALS IN LENS SETS

Set #1-Q—"Our Advertising Special"—15 lenses for \$1.60 Postpaid, plus 10-page idea booklet. For copying, ULTRA CLOSE-UP SHOTS, macrophotography, experimental optics, magnifying and for making a two power f/16 Telephoto Lens, "Dummy Camera," Kodachrome Viewer, DETACHABLE REFLEX VIEWFINDER for 35 mm. cameras stereoscopic viewer, ground glass and enlarging focusing aids, TELESCOPES, low power Microscopes and for many other uses.

NEW 50-PAGE IDEA BOOK "FUN WITH CHIPPED EDGE LENSES"

Contains wide-variety of projects and fully covers the fascinating uses of all Lenses and in sets listed above . . . only \$1.00 Postpaid.

REMARKABLE VALUE! \$141.01 WORTH OF PERFECT LENSES FOR ONLY \$10.00

Complete System from Artillery Scope (5X) . . . 9 Lenses, low reflection coated, ABSOLUTELY PERFECT. Diameters range from 1 1/8 inches to 2 1/5 inches. Used for making Telescope and hundreds of other uses.

Stock #5019-Q . . . \$10.00 Postpaid

SPECTROSCOPE SETS . . . These sets contain all Lenses and Prisms you need to make a Spectroscope plus FREE 15-page Instruction Booklet.

Stock #1500-Q Hand Type Spectro-scope . . . \$3.45 Postpaid

Stock #1501-Q Laboratory Type Spectro-scope . . . \$6.50 Postpaid

LENS CLEANING TISSUE—In spite of paper shortage, we offer an exceptional bargain in first quality Lens Cleaning Tissue. You get 3 to 4 times as much tissue as when you buy in the ordinary small booklets. One ream—480 sheets—size 7 3/4" x 10 3/4".

Stock #704-Q . . . \$1.50 Postpaid

RAW OPTICAL GLASS—An exceptional opportunity to secure a large variety of optical pieces, both Crown and Flint glass (seconds) in varying stages of processing. Many prism blanks.

Stock #708-Q 8 lbs. (Minimum weight) . . . \$5.00 Postpaid

Stock #702-Q 1 1/2 lbs. . . \$1.00 Postpaid

MAGNIFIER SET—5 magnifying Lenses—Powers from 1 to 10.

Stock #1026-Q . . . \$2.00 Postpaid

RETICLE SET—5 assorted, engraved reticles from U. S. Gunsights.

Stock #2035-Q . . . \$1.00 Postpaid

ACHROMATIC LENSES

Stock No.	Dia. in mms.	F.L. in mms.	Price
6158-Q*	13	80	\$1.00
6159-Q*	23	51	1.25
6161-Q	24	48	1.25
6162-Q	25	122	1.25
6164-Q*	26	104	.80
6165-Q	27	185	1.00
6166-Q	29	54	1.25
6168-Q	29	76	1.25
6169-Q	31	122	1.50
6171-Q	32	171	1.00
6173-Q*	34	65	1.00
6176-Q*	38	131	1.00
6177-Q*	39	63	1.10
6178-Q*	45	189	1.50
6179-Q*	46	78	1.25

* ASTERISKED ITEMS are uncented, but FREE cement and Directions included with uncented sets.

USES—Use these Lenses for making Projecting Lenses, Low Power Microscope Objectives, corrected Magnifiers, substitute enlarging Lenses, Eye-Piece Lenses, Macrophotography, Gadgets, Optical Instruments, etc., etc.

ALL THE LENSES YOU NEED TO MAKE YOUR OWN TELESCOPE! ALL ARE ACHROMATIC LENSES

GALILEAN TYPE—Simplest to Make but has Narrow Field of View.

Stock #5018-Q—4 Power Telescope . . . \$1.25 Postpaid

Stock #5004-Q—Small 2 Power Pocket Scope . . . \$1.00 Postpaid

PRISM TELESCOPES—Use Prism instead of Lenses to Erect Image. Have wide field of view.

Stock #5010-Q—6 Power Telescope . . . \$3.00 Postpaid

Stock #5012-Q—20 Power Telescope . . . \$7.25 Postpaid

PRISMS

Stock No.	Type	Base Width	Base Length	Price
3040-Q	Right Angle	33 mms.	23 mms.	\$ 1.00
3045-Q	Right Angle	70 mms.	168 mms.	4.00
3001-Q	Lens Surface	20 mms.	14 mms.	2.00
3006-Q	Porro-Abbe	9 mms.	9 mms.	.25
3009-Q	Porro	52 mms.	25 mms.	1.00
3010-Q	Porro	43 mms.	21 mms.	.50
3029-Q	Dove	16 mms.	65 mms.	1.25
3036-Q	80 Degree Roof	60 mms.	36 mms.	4.00
3047-Q	Right Angle	53 mms.	103 mms.	4.00
3038-Q	Roof Prism	18 mms.	34 mms.	2.50

ORDER BY SET OR STOCK NO.

SATISFACTION GUARANTEED

IMMEDIATE DELIVERY

EDMUND SALVAGE COMPANY, P. O. Audubon, New Jersey