Television Apparatus

Experimental Television Apparatus. Television in its present stage being an undeveloped art, we display Television apparatus here and offer it for experimental purposes only. We do not advocate its use nor do we offer Television material under any guarantee whatsoever. This is Experimental Equipment and Is Not Subject to Return for Credit or Refund Under Any Condition. We cannot guarantee its safe delivery and in the event of damaged shipments the purchaser is advised to file claim with the carrier. We offer on display only merchandise made by nationally known, reputable manufacturers.

Raytheon Kino-Lamp
Glow lamp for television receivers. A metal type having a base 1/4 in. square presenting a given area of 1/2 square inch. Uniform glow over the entire plate without the use of metal or ground glass gives it perfect reproduction quality. Starting voltage 250 to 350 volts.

No. 7181, List $10.00, Your Price $6.17

Light, reflector tube for television transmitting apparatus.
No. 7182, List $20.00, Your Price $11.76

Daven Television Kit

DAVEN TELEVISION KIT

Daven Television Kit with mending wires, motor, bus bar, transformer, Bakelite, metal tubes and three stages of amplification.

No. 7184, List $10.00, Your Price $8.52

Your Price

DAVEN SPECIAL MOTOR

Your Price

Daven Television Amplifier

High quality resistive coupled amplifier for television receivers. Ordinary forms of amplification are unsuitable for television due to their unequal frequency curves. Resistive coupling is practically the only true amplifier for straight line amplification and is considered highly suitable for television. We sell.

No. 7156, List $11.00, Your Price $7.98

Daven Television Lamp

Will give excellent illumination with a current of 20 milliamperes. Designed to fit inside mending wires. Will fit in ordinary wall or ceiling light fixture. Price includes lamp and electrical wire. No. 7128, List $3.50, Your Price $1.75

No. 7129, List $6.00, Your Price $4.30

Daven Television Lamp

Will give excellent illumination with a current of 20 milliamperes. Designed to fit inside mending wires. Will fit in ordinary wall or ceiling light fixture. Price includes lamp and electrical wire. No. 7128, List $3.50, Your Price $1.75

No. 7129, List $6.00, Your Price $4.30

Television Magazine

Kleen on in the world of television. Contain just as many words as a TV program, but give you the same thrill. 36 cents a copy, 12 cents a year. Available in regular fold, or in convenient six-copy sets. No. 4310, List $5.50, Your Price $2.25

Television Magazine

Walnut Carved Cabinets

One of the most beautiful walnut cabinets ever designed. Attractive, graceful lines. Finely finished, hand rubbed. Beautiful in appearance. Perfectly matched grain and color. Quality craftsmanship. Full 18" depth.

No. 9151, 7 x 18, 22 lbs. $21.50, Your Price $16.50

No. 9152, 7 x 21, 24 lbs. $22.50, Your Price $17.50

No. 9153, 7 x 24, 26 lbs. $23.50, Your Price $18.50

No. 9154, 7 x 26, 30 lbs. $24.00, Your Price $19.00

No. 9155, 7 x 28, 32 lbs. $25.00, Your Price $20.00

Metal Cabinets

Rhinestones finish gives a polished, metal appearance. Fine type of cabinet for direct mounting of disc phonographs or radio sets. Full 15 in. deep, 10 lbs.

No. 9164, Bronze, List $3.50, Your Price $2.65

No. 9165, Chromed, List $3.50, Your Price $2.65

No. 9166, Green, List $3.50, Your Price $2.65

Deluxe Mahogany Cabinets

Beautiful, hand rubbed mahogany finish. Full 15 in. deep, 12 lbs.

No. 9157, 7 x 18, 5 lbs. $3.95, Your Price $3.05

No. 9158, 7 x 21, 17 lbs. $4.40, Your Price $3.50

No. 9159, 7 x 24, 18 lbs. $4.70, Your Price $3.85

Allied Radio Corporation, Chicago, Ill.
Television Apparatus

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L. C. A. Universal Television Motors
Non-sparking NCA Universal Motor for operating receiving and scanning devices. Available in 60 and 120 volt, 60 cycle motor. Resilience cord control; 1,250 RPM. Will operate in 15 to 24 in. scanning discs. List $35.00.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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Speed Regulating Rheostat
Motor speed regulator. List $3.50.

Raytheon Kino Lamp
A new tube for television. The filament is square with a glow area of 3 sq. in. Uniform glow over the entire plate provides perfect reproduction quality. Starting voltage 220 to 250 volts. List $5.00.

Special Magnifying Ground Glass
Special magnifying ground glass. List $2.95.

Picture Shield
Outfit consisting of two half-elliptical sable panels, one convex frosted, the other convex plane. List $1.25.

Television Amplifier
The L. C. A. four stage amplifier, complete with all resistors and coupling capacitors. Wired so that two power tubes may be used in parallel. Any power tube will serve, although tubes of M95, 171 or 219 in the output are recommended. List $10.50.

WALNUT CARVED CABINETS
One of the most beautiful walnut cabinets ever designed. Attractive, graceful lines. Finely finished, hand-rubbed. Beautiful in appearance—perfectly matched grain and color. Quality workmanship. Full 3 ft. depth.

<table>
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<tr>
<th>Model</th>
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<td>8654</td>
<td>7 x 24 x 32</td>
<td>$11.40</td>
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</table>

DE LUXE MAHOGANY CABINETS
Beautiful, hand-rubbed mahogany finished cabinets. Finely constructed and durable. Grooved for 1/16 in. panels. Wonderful values. All sizes 18 in. deep.

<table>
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<th>Model</th>
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ALLIED RADIO CORPORATION, CHICAGO, ILL.
THE LATEST TELEVISION DEVELOPMENTS

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NEW I.C.A. TELEVISION RECEIVER
A giant step forward in the development of Television by the Insuline Corporation of America. Simplified complete equipment, which may be operated outside a cabinet or inserted in almost any console. It will entertain the novice, as well as add to the enjoyment of his work.

With Speed Control
This new receiver is provided with a speed control which offers synchronization of the pictures and signals. Will perform with almost any expert wave receiver capable of tuning in Television signals. Additional component parts and a five inch lens plate, by which the pictures are greatly magnified, and a 48 hole scanning disc. Furnished in knock-down form.

No. A4234 Television Amplifier for the above receiver. List $7.50. YOUR PRICE...
No. A4235 Television Tube. List $3.50. YOUR PRICE...
No. A4247 Complete Television Kit. List $100.00. YOUR PRICE...

TELEVISION AMPLIFIER
A four stage Television Amplifier complete with all resistors and coupling condensers. Wired so that two power tubes may be used in parallel. Any power tube will serve. Recommended tubes are M86, 111, or 216. Price without tubes.

No. A4234 List $17.50... YOUR PRICE...

Synchronous Motor
Designed especially for Television Receivers, where broadcasting apparatus and receiving set are operated on the power supplied by the same company. This synchronous Motor will eliminate the necessity of using a speed control on the receiver for synchronization. For 110, 60-cycle cycle.

No. A4239 List $39.50... YOUR PRICE...
No. A4240 Chuck to 0.33, 0.45 Motor Shaft...

VISION TELESCOPE LENS
Accurately made of special magnifying and to 6 inch magnifiers. Encased in telescope with six inch magnifiers.

No. A4241 List $10.00... YOUR PRICE...

JENKINS TELEVISION ESSENTIAL KIT
The Jenkins Home Radio Visor Kit is offered to those who enjoy building their own Television Receivers at a reasonable expenditure. Experience the new thrill of pictures by radio and keep in close touch with the growth of this new gigantic form of entertainment.

Speed Control
For synchronization of picture and signals.

No. A4235 List $3.00. YOUR PRICE...

JENKINS LENS ASSEMBLY
Magnifying Lens and holder serving to magnify the radio vision images instead of viewing them in their original size. Provided with complete instructions to simplify assembly.

No. A4530 List $5.00. YOUR PRICE...

JENKINS SCANNING DISCS
Jenkins Standard Television Scanning Discs.

No. A4251 48 Hole Disc...
No. A4252 48 Hole Disc...
No. A4253 69 Hole Disc...
List, Each... $5.00... YOUR PRICE...

JENKINS TELEVISION LAMP
Television tube required for operation of television receiver. Recommended in conjunction with the Television Kit mentioned above. Standard UX Base.

No. A4551 List $7.50...

JENKINS AUTOMATIC SYNCHRONIZER
The new automatic Jenkins Synchronizer which takes the guesswork out of television synchronization. This instrument is to be used with a separate power pack and will permit automatic synchronization with the indicating radio vision signal. The device sits on an accurately machined base on the front of the Jenkins Television.

No. A4554 List... $25.00...

JENKINS SPECIAL PHOTO CELL BOOKLET
Jenkins Photo-cell booklet offers complete details explaining the functions and advantages of the new Photo-Electric Cells in television, industry and searchlight.

No. A4552 YOUR PRICE... 25¢
Sensational Low Prices

Hylon tubes represent quality at a rare low price. They are built to rigid modern requirements, under the latest methods of economical manufacture. The extremely low price is no measure of the unusually fine service given by these tubes. They will adequately fill the requirements of set owners, dealer, and service men with splendid results in performance and in savings and profits.

Type X-245
Power Amplifier
Power output tube for last audio stage, 1.6 watts output at plate voltage of 500. No. E215. List, $1.15. YOUR PRICE $2.50

Hylon Radios

Y-224A DETECTOR GRID AMPLIFIER No. E214. List, $1.45. YOUR PRICE $0.95

X-200A DETECTOR Power Amplifier No. E209. List, $7.00. YOUR PRICE $1.75

X-210 AMPLIFIER Power Amplifier No. E208. List, $6.50. YOUR PRICE $1.90

X-250 AMPLIFIER Power Amplifier No. E207. List, $4.80. YOUR PRICE $1.00

X-112A POWER AMP. No. E204. List, $1.50. YOUR PRICE $0.40

X-281 Half-Wave Rectifier No. E211. List, $7.50. YOUR PRICE $1.25

V-199 Detractor Amplifier No. E205. List, $2.25. YOUR PRICE $0.35

X-240 Hi-Mu Voltage Power Amplifier No. E214. List, $5.00. YOUR PRICE $1.00

X-120 DRY CELL AMP. No. E216. List, $1.00. YOUR PRICE $0.25

X-112 DET-AMP. For dry cell. No. E252. List, $0.50. YOUR PRICE $0.10

Arcturus Blue Tubes

The famous Arcturus tube is noted for its quick action, its noiseless operation, and its ability to withstand current surges. Try the Arcturus in your receiver and enjoy clear, humless tone, increased volume, and exceptionally long life. This super-quality has established the wide reputation of Arcturus A.C. tubes.

Type Description List YET E508 101A Detector Amplifier $0.50 $0.42
E509 110 Power Amplifier $1.25 $1.00
E510 118 Detector Amplifier $1.85 $1.65
E511 122 S.G. Detector Amplifier $1.55 $1.45
E512 126 Amplifier $6.05 $4.55
E513 130 Detector Amplifier $1.65 $1.25
E525 150 Power Amplifier $2.00 $1.60
E527 152 S.G. Detector Amplifier $2.25 $1.85
E528 153 Power Pentode $2.20 $1.80
E530 154 Var. Mu R.F. Pentode $2.30 $1.90
E531 155A S.G. Detector Amplifier $1.85 $1.50
E533 157A Detractor Amplifier $1.95 $1.65
E536 158A Power Amplifier $2.00 $1.80
E537 160 Var. Mu R.F. Pentode $2.35 $1.95
E541 161 Class "F" Amplifier $1.35 $1.25
E542 164 Power Amplifier $1.95 $1.55
E543 105A Duplex-Diode Triode $1.25 $1.15
E545 107A Del. Amp. Oscil. $1.30 $1.20
E546 108 S.G. Detector Amplifier $1.65 $1.25
E547 109F Power Pentode $1.85 $1.55
E548 109V Gen. Pur. Power Amp. $2.20 $1.80
E549 117A Power Amplifier $1.80 $1.60
E550 109U Full-Wave Rectifier $1.60 $1.60
E551 110A Half-Wave Rectifier $1.65 $1.36
E554 83 P.W. Mer. Vapor Rec. $1.30 $1.15
E555 85 P.W. Vapor Rec. $1.20 $1.05
E556 86 Duplex-Diode Triode $1.65 $1.50
E558 87 Gen. Pur. Power Amp. $1.95 $1.85
E559 89A Power Amplifier $1.95 $1.85
E560 900X Var. Mu R.F. Amplifier $1.65 $1.45
E561 901X Detector Amplifier $2.65 $2.35
E562 902A Power Pentode $2.00 $1.80
E564 904 F.Z. Power Pentode $1.95 $1.70
E566 995 Var. Mu R.F. Amplifier $1.95 $1.75
E567 996A Automatic Detector. $1.60 $1.45

The Latest Developments

Television—Sound Movie Tubes and Photo-Electric Cells

The latest developments in tube manufacture in the famous Triad products. Triad tubes have established a world-wide reputation for excellence in performance and durability. Here are newly-designed tubes for the latest needs. Highest quality equipment for the broadcast engineer and amateur. For film work, public address systems, and television.

Crafter Neon Type

The new Triad product used in reproduction of television pictures in conjunction with triode type Reading Plates. Produces intense light sources and can be applied for any type of optical system. Approx. striking voltage 190. Max. Current 40 m. Approx. Plate light source .600 in. No. E445. YOUR PRICE $8.82

T-Tel

Triad television tube designed for use with usual scanner. Maximum brilliancy with low current consumption. 1½ in. plate; approx. striking voltage 190. Max. current 25 m. A. No. E446. YOUR PRICE $5.51

Photo-Electric Cells

No. E446 Type 206 (25) $1.25
No. E447 Type 207 $1.25
No. E448 Type 208 (25) $1.25
No. E449 Type 209 $1.75
No. E450 Type 210 (35) $1.75
No. E451 Type 211 (25) $2.25

Sound-Movie Types

No. E400 Type 211 $1.50
No. E401 Type 208 $1.50
No. E450 Type 2001 $4.41

Arcturus Photo-Ampiter Cell

Type P14, Photo-Ampiter Cell for improved operation of every photo-electric device. No. E534. List, $1.50. YOUR PRICE $15.75

Allied Radio Corporation, Chicago, Ill.