

M & H 1931

**WHOLESALE RADIO
CATALOGUE**

SPECIALIZING IN RADIO EQUIPMENT
FOR

PUBLIC ADDRESS INSTALLATIONS
SHORT WAVE EXPERIMENTORS
SERVICE MEN
BROADCASTING STATIONS
THEATRES
SCHOOLS
COLLEGES

*Also special section of
Sporting Goods and Toys*

*Supplies for Physicists
Laboratories*



M&H SPORTING GOODS CO.

512 MARKET ST. PHILADELPHIA, PA.

TELEVISION EXPERIMENTAL APPARATUS

Television being in its experimental stage, we offer it for experimental purposes only. We offer the best available equipment from a responsible manufacturer.

No. 102

I. C. A. Television Equipment

Television is now an accomplished fact. Experimenters everywhere are welcoming I. C. A. Television transmitting and receiving sets and kits. They are available in a number of popular complete kits. Also separate parts. We give here details of Model No. 65, which is a complete Television receiver with 4-stage amplifier and Television Tube.

Aluminum Disc, 48 holes (24 holes if preferred), Universal Motor (AC or DC), Four-Stage Television Amplifier, Television Tube, Speed Control, Motor Chuck, Telescope with two lenses.

Bakelite Sub-base for Motor, Receptacle Plug for attachment, Sub-base with socket for Television Lamp, Picture Frame Shield, Bakelite Pillars, Brackets, Screws, Hardware.

List Price, \$65.00 Your Cost, \$38.32

I. C. A. Universal Motor

Synchronization of the receiving scanning disc and the broadcasting scanning disc is the essential factor for satisfactory pictures. Universal Motor (AC or DC).

List Price, \$29.50 Your Cost, \$17.34

I. C. A. Synchronous Motor

The I. C. A. Television Synchronous Motor is especially adaptable for television receivers where the television broadcasting apparatus and the receiving set are operated on power supplied by the same power company.

This synchronous motor eliminates the necessity of using a speed control on a television receiver for synchronization of television pictures.

This motor is for use for 110 AC 50-60 cycles and will operate with a definite speed of 1800 R.P.M.

Catalog No. 54

List Price, \$39.50 Your Cost, \$23.22

I. C. A. Motor Chuck

I. C. A. Television Motor Chuck is made of two special plates and a bushing to fasten the television disc to the motor. The diameter of the chuck is 6" which insures positive alignment of disc to motor. They are supplied to fit $\frac{1}{4}$ ", $\frac{3}{8}$ " or $\frac{1}{2}$ " motor shaft. Specify size of shaft.

Catalog No. 55

List Price, \$5.00 Your Cost, \$2.94

I. C. A. and Raytheon Television and Photo-Electric Cells in Stock



I. C. A. New Television Receiver

Catalogue No. 51

The I. C. A. New Television Receiver Model No. 51 is a simplified complete equipment and can be operated outside a cabinet or inserted into most any console.

It provides satisfactory results to both novice and experimenter. It is supplied with a speed control which provides synchronization and framing of the television picture and signals.

All the controls of the receiver are mounted on a front panel which makes it readily accessible for operation of the television receiver.

The Television Receiver will work with most any Short Wave Receiver capable of tuning in television signals.

This Television Receiver is supplied with a special 5" lens and visor through which the pictures are greatly magnified and will also permit a number of people to view the pictures at one time. It is complete with 48 hole scanning disc (24 or 36 hole disc supplied if preferred). The Model No. 51 is supplied in knock-down form ready for assembly, which takes but a few minutes.

List Price, \$75.00 Your Cost, \$44.10

No. 51 Television Receiver complete with No. 115 Television Amplifier and I. C. A. No. 114 Television Lamp (less amplifier tubes).

List Price, \$100.00 Your Cost, \$58.50

I. C. A. Television Amplifier

The I. C. A. Television four-stage amplifier is most advanced in features and construction. It is complete with all resistors and coupling condensers, thereby taking the place of all apparatus after the detector. Inasmuch as the brilliancy of the Neon lamp is contingent upon the current output of the last amplifier tube or tubes, the amplifier is so wired that it is possible to use two power tubes in parallel.

List Price, \$17.50 Your Cost, \$10.29 (Without Tubes)

I. C. A. Scanning Disc

I. C. A. Aluminum Scanning Discs are made with the utmost precision, special machinery and tools being required to construct them. The holes are laid out mathematically correct to insure perfect reception of television signals and pictures. The discs are supplied as follows:



Cat. No.	Scanning Lines	Size of Discs	List Price	YOUR COST
105N	24	12"	\$10.00	\$5.83
106N	45	12"	10.00	5.83
107N	48	12"	10.00	5.83
108N	60	12"	15.00	8.82

Vision Telescope Lens

Accurately made of special magnifying and ground glass. Encased in telescope with 6-inch magnifiers.

No.	Size	List Price	YOUR COST
No. 111	2 1/2"	\$5.00	\$2.94
No. 53	5"	10.00	5.83

I. C. A. Television Lamp

Catalog No. 114

The I. C. A. lamps are designed to operate with an output tube in series. Will give excellent illumination with a current of 20 milliamperes or less. Where extremely bright illumination is required for maximum results, the tube may be loaded up to 80 milliamperes, by means of suitable output tubes singly or in parallel.

FEATURES

Striking Voltage 100. Minimum Current to cover plate 5 Mils. Maximum Current 80 Mils. Internal Resistance 1000 ohms. UX Four Prong Bakelite Base. Plate Area 1 1/2" square.

List Price, \$10.00 Your Cost, \$5.88