At the Presentations
60th Anniversary of RCA/NBC's Famous Walkie-Lookie
Or
Peepy-Creepy Backpack Camera Transmitter

Presented by Gary Davis
COMPOSITE VIDEO AMPLIFIERS

Easy solutions that bypass RF and IF circuitry during vintage-TV Tests and Demonstrations.
Granville Klink’s
Wonderful Collection
of Broadcasting Memorabilia and
His Involvement in Early Television

by James E. O’Neal
Technology Editor
TV Technology
early Television Museum

2011 Convention
Auction
Capacitor Stuffing
Field Sequential Drum Receiver
IMO Camera
Leak Detector
Signs
DUMONT

TELESETS

First with the Finest in Television
YOU HAVE TO SEE IT TO BELIEVE IT

NEW

RCA VICTOR

COLOR

TELEVISION

THE MOST TRUSTED NAME IN COLOR TELEVISION
SYLVANIA
TELEVISION
Zenith CBS Field Sequential
SPECIAL ENGINEERING CHASSIS RUN

TYPE OF CHANGE
R. F. SHELF       POWER SUPPLY
VIDEO L. F.       MAIN CHASSIS

THIS SECTION TO REMAIN ON CHASSIS UNTIL FINAL CABINET ASSEMBLY.

SERIAL NO. 8518
CBS Signal Set
10 TUBE 25" CHASSIS
(SED DUR ITEM #)
1 - 10" Glass Aluminized Tube
Low Potential Electrostatic Focus R6032
Research Lab Tube No. 4460

The Rauland Corporation
Chicago 41, Illinois
Surprise!... This is a TV antenna.

Jerrold TV RECEPTOR

No more wire! No more antenna! Just plug into your TV set and you're ready to see TV programs in all parts of the country.

Callback antenna. No wires or cords to get in the way. No more snakes. No more ants. Just plug in and watch the show.

Jerrold, the name you can depend on for quality and performance.

JEROULD ELECTRONICS CORPORATION, MIDDLETOWN, PA.
NEW TELEVISION LENS OF
DU PONT "LUCITE"

Helps bring receiving sets for home into popular-price
range...with screen image 5 times larger

THE LARGE-SIZE TELEVISION SCREEN you will soon
have in your home—it’s ready for production
now—was made possible in large part by using
a Du Pont plastic—"Lucite" methacrylate
resin.

For no method of producing television sets
within a popular price range is made possible by
the discovery that a basic part—an aspherical
correcting lens possessing excellent light trans-
mittance and low scattering of light properties—
can be mass-produced from "Lucite" in a matter
of minutes. A glass lens of equivalent quality
requires days of skilled grinding and polishing.

Released from their war tasks, "Lucite" and other
Du Pont plastics are again available for civilian
products. They have helped American manufac-
turers design more efficient and more attractive
products, often at low cost. Du Pont engineers are
ready to help you determine whether a Du Pont
plastic will successfully meet your own specific
needs. Address F. I. du Pont de Nemours & Co.
(Del.), Plastics Dept., Wilmington, N. J.

FOR PLASTICS...CONSULT DU PONT
FOR BETTER THINGS FOR BETTER LIVING—THROUGH CHEMISTRY.
IS TELEVISION READY?

I am Alec Electron. I know all about Electronics, Electricity, Radio, and Television. I am here now to bring you up-to-date on Television.

1. Is television ready?
   There are 9 U.S. Television Stations broadcasting regularly. There are three in New York including station W2XAB (owned by DuMont), one in Schenectady, one in Philadelphia, two in Chicago and two in Hollywood. Only wartime manufacturing restrictions are preventing Television's expansion today.

2. When will new television receivers go on sale?
   New television sets probably will be available within 6 months after peace in Europe. Many television sets are in use today. These were distributed before the war principally by five manufacturers, one of which was DuMont.

3. What will be the size of television pictures?
   Depending on the size of the receiver, from about 8" x 14" up to approximately 20" x 24".

4. What will be the size of television receivers?
   Virtually the same as radio receivers—from the size of larger portable to wide-screen de luxe console models.

5. What will television receivers probably cost?
   The first models of television sound-and-sound receivers probably will range from $250 to $700.

6. How far can television programs be broadcast?
   Today, the best reception is within 60 miles of the station. Enthusiasts hope for improved equipment, to have television networks cover the world.

7. Will television carry news events, sporting events and motion pictures into your home?
   Yes. Television can carry any scene that camera can record from the studio or field.

8. How perfect will television pictures be?
   Television is as good as 16 mm. motion pictures, after the war it may equal the cinema.

9. Who invented television?
   Many engineers have made valuable contributions. It was Allen B. DuMont who brought from the laboratory to commercial reality the heart of the modern television receiver—the Cathode Ray Tube.

10. What part will DuMont play in post-war television?
    DuMont's activities will fall in three divisions: the manufacture of the television radio receiver, operation of its own television stations, and manufacture of Precision Electronic Equipment for Television pickup and transmitting circuits. 3 of the 9 Television Stations regularly on the air are DuMont equipped.
DuMont 183

This 14 inch receiver was DuMont's later model, introduced in 1939. The picture tube and much of the circuitry was copied from the earlier Cossor British sets.

The screens on the DuMont sets were larger than any other manufacturer. In 1941, DuMont made a set with a 20 inch screen.

<table>
<thead>
<tr>
<th>Screen Size</th>
<th>14 inch</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year Made</td>
<td>1939</td>
</tr>
<tr>
<td>Quantity Manufactured</td>
<td>?</td>
</tr>
<tr>
<td>Original Cost</td>
<td>$435</td>
</tr>
<tr>
<td>Number Still in Existence</td>
<td>4</td>
</tr>
<tr>
<td>Cabinet</td>
<td>Original Finish</td>
</tr>
<tr>
<td>Electronic Restoration</td>
<td>Not Restored</td>
</tr>
</tbody>
</table>
DU MONT TELEVISION RECEIVER

A Low Console
With a full 8 x 10
Picture

The Model 183 is a low console television receiver. Its beautifully painted metal cabinet of polished mahogany, 20 inches wide and 25 inches in depth, provides an extremely compact method of housing the precious electronic equipment. The cabinet is designed so that the screen is actually viewed at the correct viewing distance. This receiver provides a television picture ofhich control and sound are exceptional. It is completely A.C. operated from standard 110 volt 60 cycle power. Two 150 watt tubes (2H) are included in the 150-watt amplifier circuit. A dynatron oscillator is used for frequency modulation and the picture screen is a full 8 inches by 10 inches with 50 macroscopic spots per inch, the screen being concealed in the cabinet. The Model 183 receiver

Model 183
This card was found inside the DuMont 183. In 1945 the DuMont TV station in Washington, DC came on the air. Since no sets were manufactured during the war, this prewar set was used to view the station.
Silvertone 125-214

Made by RCA, using TT-5 chassis

Courtesy of Darryl Hock
INSTITUTE OF RADIO ENGINEERS
NEW YORK CITY
No. 3776

NEW YORK May 26, 1934

Vladimir K. Zworykin $500.00

Five Hundred Dollars

Columbia Exch. Bank Co. (Cust. Co.)
GRAND CENTRAL BRANCH E-9
New York
Thomson-CSF Microcam

RCA TT5-A
Transmitter

The TT-5 was RCA's first postwar transmitter, and was used by stations all over the country beginning in 1947. This transmitter was donated to the museum by the Ohio Historical Society, and was used by WTVN-TV, which began broadcasting in Columbus, Ohio, in 1949. It was installed on the top floor of the Lincoln-Leveque building.
The action takes place in an old fashioned tavern "typical to the turn of the century."

"A century we must admit took a wrong turn the no mention of it is ever made on the program....."
**Dissector Camera and Monitor**

This camera was made in the early 60s by the Diamond Power Specialty Co. of Lancaster, Ohio. It used an image dissector camera tube (in the center), and was made to monitor boilers in power plants. The image dissector was very poor light sensitivity, but it was ideal for high light levels, such as the flames inside a boiler.

The camera has its own count-down sync generator, with both video and RF output.

**Videotype Splicer**

This device was used to splice 35mm videotape for editing. The magnifying tube was used to inspect the splice.
2011 Early Television Convention Schedule

Friday, April 29
6:00 – 9:00  Meet other collectors at the museum. Beer, wine, soft drinks.

Saturday, April 30
7:30 – 8:00  Swap Meet setup
8:00 – 12:00 Registration and Swap Meet
8:00 – 5:30  Silent Auction
9:30 – 11:45 Live Auction
12:00 – 12:30 Buffet Lunch (Makoy Center – Burgundy Room)
12:30 – 2:30  Presentations (Makoy Center – Burgundy Room)
  Granville Kline’s Wonderful Collection of Broadcasting Memorabilia and His Involvement in Early Television - James O’Neal
  Intermediate Vintage Television Restoration Techniques - Lee Barmanian
  Bypassing the RF/IF Sections in Antique TV Sets - Wayne Alber

2:30 – 3:00  Break
3:00 – 4:30  More Presentations (Makoy Center – Burgundy Room)
  60th Anniversary of RCA/NBC’s Famous Walkie-Lookie or Peepy-Creepy Backpack Camera/Transmitter - Gary Davis
  AT&T Pictophone Service of the 1970s - Richard Diehl
4:30 – 7:00  Browse the museum’s collection, talk to fellow collectors
5:30  Silent Auction closes
7:00 – 9:00  Dinner (Makoy Center – Burgundy Room)

Sunday, May 1
9:00 – 2:00  Browse the museum’s collection, talk to fellow collectors
  Demonstration of sets in the museum’s collection
10:00-11:00  Workshop: Restuffing and Reforming Electrolytes
11:00 - 12:00  Meeting about CRT rebuilding operation at the museum

The Makoy Center is located 2 blocks to the west of the museum.
Filmstrip Viewer

This novelty item was probably designed to help sell Philco TV sets. Inside is a film strip with scenes from early television. It has a battery and bulb, with a knob to select which slide to watch.