IMPORTANT

The correct adjustment for this control is most important to avoid damage to the line output transformer and the following instructions must be adhered to:

Set control to top position and slide downwards until vertical white line in middle of picture just disappears. No further adjustment horizontal hold control for picture lock.

Part No. 49352
RCA-1952 CPA Prototype

The camera was used by RCA to test the RCA-1952 color television tube. This was one of the early color television systems that were produced in the 1950s. However, the system suffered from a number of issues, including a lack of color diversity. The camera was eventually abandoned and replaced by more advanced systems.
Dumont 12 ½ Inch Industrial Monitor

DuMont made this monitor for its industrial closed circuit system. It was demonstrated at the 1950 IRE show and uses 18 mHz of video bandwidth to display a 525 line / 30 fps picture with 500 line resolution.

The monitor is mostly complete, but is missing the motor control chassis. It even has its original knobs.
Presentations and Lunch
Special Thanks to the Hagley Library

Soda House, Hagley Museum and Library,
Wilmington, Delaware
RCA 'Dot Sequential'
Color Television System
1949

Color Project Leader
Dr. George H. Brown
Give Up?

- No.
- Still have confidence it can work.
- If it proves unworkable then I’ll investigate eBeam’s proposal with Larson Glass.
- Oven can still be used to process CRTs.
Shadow Mask Still Taught
How to Work with 15GP22

- MSU Glass shop annealing oven-large enough but no one has ever modified process controller programming.

- Build own kiln? Bob suggests it.
Tests
Frit after Ball Milling
15GP22 Faceplate Reattachment

John Yurkon
Bob Galanter
John Folsom
Jerome Halphen
RACS
What will happen in next Year's Update?

Will we see a raster!
Will we see video!!
Will we see COLOR!!!

Tune in Again Next ETF

Same ETF place
Same ETF channel
Events from Year One

ZENITH FIELD SEQUENTIAL

COLOR Television
LENS PRESS FIT IN EACH HOLE
Magnification Shows Small Hole in Center of Ring
The WESTERN (Echophone) model 41
### Television Program

**STATION WNBT**
**NATIONAL BROADCASTING COMPANY**

**WEEK OF JUNE 30th — JULY 5th, 1941**

**NEW YORK CITY**

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<table>
<thead>
<tr>
<th>P.M.</th>
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</thead>
<tbody>
<tr>
<td><strong>MONDAY</strong> June 30th</td>
<td></td>
</tr>
<tr>
<td><strong>TUESDAY</strong> July 1st</td>
<td></td>
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<tr>
<td><strong>WEDNESDAY</strong> July 2nd</td>
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<tr>
<td><strong>THURSDAY</strong> July 3rd</td>
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<td><strong>FRIDAY</strong> July 4th</td>
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<tr>
<td><strong>SATURDAY</strong> July 5th</td>
<td></td>
</tr>
<tr>
<td>9:00-11:00</td>
<td>(1) Amateur Boxing at Jamaica Arena.</td>
</tr>
<tr>
<td>2:00-3:00</td>
<td>(2) Baseball—Brooklyn Dodgers vs. Philadelphia at Ebbets Field.</td>
</tr>
<tr>
<td>6:45-7:00</td>
<td>(3) Lowell Thomas.</td>
</tr>
<tr>
<td>9:00-10:00</td>
<td>(4) Culmination of U. S. O. Drive with: Mr. Thomas E. Dewey, Mrs. Winthrop W. Aldrich, Mr. Walter Hoving, Lt. General Hugh Drum, Admiral Adolphus Andrews, Mrs. Ogden L. Mills.</td>
</tr>
<tr>
<td>2:30-5:00</td>
<td>(5) Excerpts from the &quot;Bottleneck of 1941&quot;—Fort Monmouth Signal Corps Replacement Training Center Show.</td>
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<tr>
<td>9:00-10:00</td>
<td>(6) Truth or Consequences with Ralph Edwards.</td>
</tr>
<tr>
<td>2:30-5:00</td>
<td>(7) Eastern Clay Court Tennis Championships at Jackson Heights.</td>
</tr>
<tr>
<td>9:00-10:00</td>
<td>(8) Feature Film &quot;Death From A Distance&quot; with Russell Hopton and Lola Lane.</td>
</tr>
<tr>
<td>2:30-5:00</td>
<td>(9) Eastern Clay Court Tennis Championships at Jackson Heights.</td>
</tr>
<tr>
<td>9:00-10:00</td>
<td>(10) Variety. (11) Julien Bryan, Photographer-Lecturer.</td>
</tr>
<tr>
<td>2:30-5:00</td>
<td>(12) Eastern Clay Court Tennis Championships at Jackson Heights.</td>
</tr>
<tr>
<td>9:00-10:00</td>
<td>(13) Film &quot;Where the Golden Grapefruit Grows&quot;</td>
</tr>
<tr>
<td>2:30-5:00</td>
<td>(14) &quot;Words On The Wing&quot;, a Streamlined Spelling Bee.</td>
</tr>
<tr>
<td>2:30-5:00</td>
<td>(15) Eastern Clay Court Tennis Championships at Jackson Heights.</td>
</tr>
</tbody>
</table>

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**ALL PROGRAMS SUBJECT TO CHANGE WITHOUT NOTICE**
Opera telecast.
TV Makeup

- Cheeks: Clear Yellow
- Eyebrows: Black
- Eyelashes: Black
- Nose: Dark Yellow
- Eyelids: Green
- Lips: Brown or Violet
- Inside of Nostrils: Bright Red
February, 1933 studio scene.
Typical makeup used during mechanical era.
Development of TV at RCA
1929 - 1949
Tough Dogs & Strange Cases

Unusual case-histories occasionally encountered in professional Restoration work.
SYLVANIA

"COLOR VIEWER"

- Eliminates disabling the gun
- Separates color fields
- Magnifies individual colors