



LOVELY June (left) and Jean Steinert, 23, demonstrate in New York the new Dumont Duoscopic television which permits audiences to view two programs simultaneously on same screen. The girls wear polaroid glasses which have Duoscopic viewing. Individual earphones are used to separate the sound. The set can be used individually by tuning in just one program and using just one of the speakers. *(International)*

Circleville Herald, February 11, 1954

New TV Set Receives 2 Program at Once

NEW YORK (AP) — Science has come up with a new type television receiver which will receive two programs at the same time on the same screen.

Dad can watch a boxing bout while mother enjoys a play, or, both can watch an adult program while the children are absorbed with Howdy Doody.

This is accomplished with the use of polarized eyeglasses or polarized glass panels in front of the TV screen.

Known as a "duoscopic" and produced by the Allen B. DuMont Laboratories, it is essentially two sets in one.

You tune in any two programs.

To the unaided eye, they appear superimposed on the screen. But use of the glasses eliminates one of the pictures. Reverse the glasses and you eliminate the other.

Each set is equipped with eight earphones to give the viewers the sound to go with the program they prefer.

The receiver also can be put to traditional use. By pressing a button it becomes a one program only set, with no glasses or earpieces required.

Present plans call for production of 30 or 40 duoscopes for demonstration purposes. If they are mass produced, they are expected to cost about \$600 each.

Ludington Daily News, January 8, 1954

Two Programs At Same Time Seen on TV

NEW YORK, Jan. 7 (UP) — Engineers today demonstrated a new device which makes it possible to see and hear two different television programs on the same receiver simultaneously.

The manufacturer suggested that the invention could solve a recurrent family crisis by allowing adults to view their choice of programs while the children watch another.

The device, called the "duoscopic receiver," was introduced by the Allen B. DuMont Laboratories, Inc. The duoscopic receiver can tune in on any two television programs simultaneously. To the naked eye the programs appear superimposed. But by wearing special polaroid glasses, a viewer sees only one of the programs. The other is filtered out by the glasses. By reversing the glasses the viewer sees the other program.

Sounds from the separate programs are channeled to the individual viewers by means of earphones — or "earpieces" as the manufacturer prefers to call them, since they are small and cling to the ear something like a hearing aid. Each set comes equipped with eight earpieces, permitting a large audience.

Enthusiastic television men pointed out that the new device gives rise to a number of interesting possibilities.

For example the device makes it possible for one family group to

read, play bridge or just sit and brood while another part watches television in the same room without disturbing the others.

Or, a large group can watch and hear a favorite program using the receiver's loud speaker while the lone wolf of the family can tune in earpiece.

The duoscopic receiver might even change some Americans' viewing habits, its enthusiasts said. It would be possible for a sports fan, using the new receiver to keep posted on two football games at the same time—by looking at one and listening to the other.

But the new receiver isn't a permanent split-personality. By the mere flick of a button it becomes a normal, one-program-only television set, without glasses or earpieces.

The new receiver contains two cathode-ray tubes set at right angles. A half-silvered mirror is used to juxtapose the two images onto the screen.

Dealers will get a look at the new contraption in about two weeks. DuMont hopes the price will eventually slide down to about \$600 when the set reaches the stage of mass production. Those who are impatient will have to pay about \$2,000 for the first, hand-made sets.

Panama City News Herald

January 8, 1954

Newest Video Sets Feature Two Programs

NEW YORK. (AP)—Science has come up with a new type television receiver intended to halt family arguments by presenting two programs at the same time on the same screen.

Dad can watch a boxing bout while mother enjoys a play, or, both can watch an adult program while the children are absorbed with Howdy Doody.

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The Evening Independent

January 8, 1954

Courtesy of Randy Riddle