



# **RCA** News

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Release

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The NBC master control in Radio City, New York (1950).







From: Press Department  
RCA Victor  
Camden, N. J.

The new 500-watt television transmitter (RCA Type-TT500A) shown above, developed by the RCA Engineering Products Department, is designed for operation in cities of about 50,000 population and enables smaller stations to act as network outlets or to originate their own programs. Very compact in construction, the transmitter is housed in two identical cabinets, one containing the video picture transmitter, the other the audio transmitter. The control console in the foreground provides the operator with complete fingertip control for both operation of the transmitter and monitoring of the picture and sound output. It contains a 10-inch kinescope which monitors the transmitted picture and a 5 inch cathode-ray oscilloscope tube which displays oscillograms of the video waveforms.







From: Press Department  
RCA Victor  
Camden, New Jersey

RCA's new 35mm sound motion picture projector, shown at right, employs a new type of electronically-triggered, high-intensity "gap-lamp" which is virtually free of heat and eliminates the need for a moving shutter. The periodic flashes of the lamp, coupled with a specially designed film drive mechanism, make it possible to use standard 35mm film, which normally operates at 24 frames per second, to provide the 60 interlaced fields, or 30 frames per second required for television. The operator is shown at the monitor and changeover control rack, which contains the switches for the remote starting and stopping of the projector, as well as the remote controls for operating a slide projector.





Experimental 520-Megacycle Television Transmitter