

# NEW TK-48 STUDIO CAMERA

## WITH INTELLIGENT VIEWFINDER; DYNAMIC LENS CORRECTION

The TK-48 automatic studio camera which features a programmable dynamic lens correction system and an "intelligent" viewfinder was demonstrated, and available for "hands-on" check-out in the live camera studio.

This third generation of RCA automatic studio cameras adds new levels of microprocessor control for ease and flexibility of operation.

RCA's unique approach to dynamic lens correction allows the camera user to select up to three correction points to eliminate the registration errors in zoom lenses. (The memory in the TK-48 system will store settings for eight different lenses, or 24 settings in all. The system can be user reprogrammed for new lenses.)

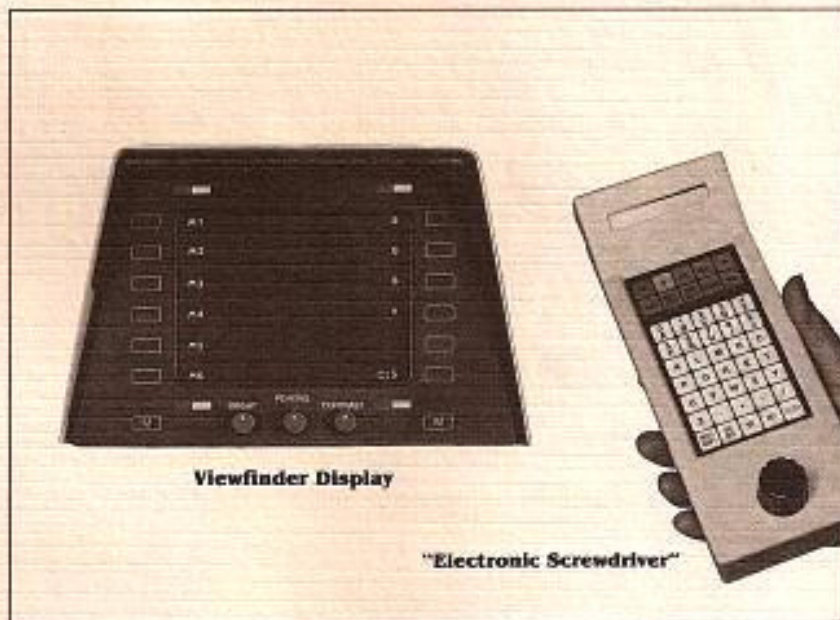
To make programming for lens correction simple, RCA has developed an "electronic screwdriver". This hand-held device plugs into the camera head and is used to set the correction points. After setup, it is disconnected, and the camera operates from the camera head memory.

The TK-48's intelligent viewfinder system contains its own microprocessor, which can control numerous viewfinder displays and camera functions through a total of 14 "soft" keys on either side of the viewfinder screen.

The viewfinder acts as a display, to label the function for each key. The keys allow a camera operator to select different positions for picture boxes, cross hair, cursor, and filter wheel positions. All displays are stored in digital memory. In addition, the safe title/safe action areas can be customized with the electronic screwdriver.



TK-48 Automatic and TKP-47 Portable Automatic on-set



Viewfinder Display

"Electronic Screwdriver"

In normal operation, the system displays the safe title/safe action areas, picture center, filter position, and lens zoom angle. The new viewfinder also has four tally lights, one at each corner, bright enough to be visible in glaring light. Talent and preview tally lights are provided.

A unique viewfinder mounting mechanism provides extreme angles of tilt and rotation, for enhanced camera operator flexibility. The TK-48 uses the same lenses as the TK-47B, and can be configured to operate with either triax or multicore cable.

Full color catalog CA.1310 provides a complete description and specifications.