



# CP-16 NEWS/DOCUMENTARY 16mm Camera Systems



## OPTIONS & ACCESSORIES

### Crystasound Pre-Amplifier



The Crystasound Pre-Amplifier optional accessory provides the CP-16 camera system with an additional condenser microphone capability — **without** requiring the use of the Crystasound Auxiliary Mixer. When the Model CM-1 Pre-Amplifier unit is plugged in, the CP-16 Crystasound built-in Amplifier will still accept two low impedance microphones and one line input — as well as one Sennheiser 804/805 — series condenser microphone, with all systems controlling the Crystasound built-in Amplifier remaining fully operational. All required power is supplied by the same NC-4 nicad battery pack powering the entire CP-16 camera system.



### 3kHz Bias Test Oscillator ...

... for adjusting bias in the field.

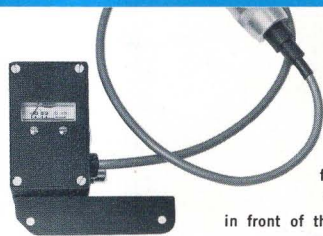


(pocket size)



CP-16  
Camera  
Models  
available in

**SUPER-16** Format

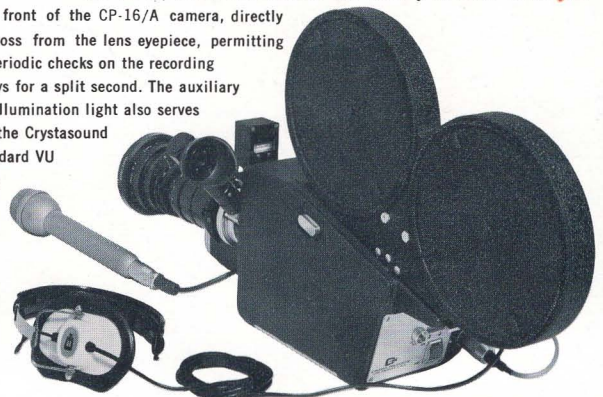


### Front-Mounted VU Meter

The new front-mounted auxiliary VU Meter provides the TV-news-film/documentary cameraman (working an assignment on his own) with an important added control. The auxiliary VU Meter is mounted

in front of the CP-16/A camera, directly across from the lens eyepiece, permitting

the cameraman to make swift periodic checks on the recording level by simply glancing sideways for a split second. The auxiliary front-mounted VU Meter's dial illumination light also serves as a pilot light to indicate that the Crystasound amplifier system is on. The standard VU Meter, located at the rear of the built-in Crystasound amplifier control panel, continues to operate even with the front-mounted auxiliary VU Meter in use. The auxiliary VU Meter is easily mounted and removed from the CP-16 camera body.



CP-16/A camera shown with front mounted VU Meter in position.

### CP Reflex Lens Mount Adapter

(adapts Arri standard mount lenses for use with CP-16R reflex miniaturized BNCR-type lens mount)



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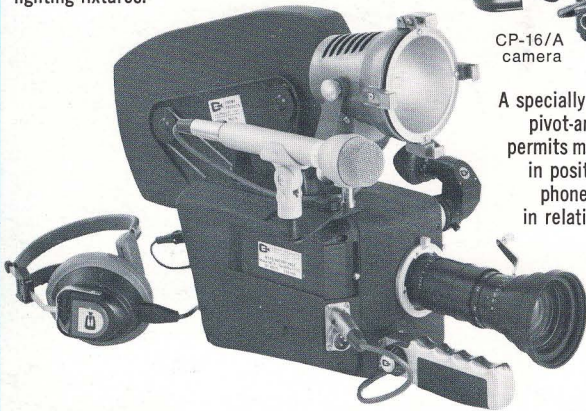
## Mike/Lite Bracket

An ideal accessory for the "one-man-band" TV-newsfilm/documentary cameraman. The new Mike/Lite Bracket is easily mounted on all CP-16 camera models, and is supplied with interchangeable 1/2" and 5/8" studs for mounting microphones and lighting fixtures.



CP-16/A camera

A specially designed locking pivot-arm on the bracket permits maximum flexibility in positioning the microphone and light fixture in relation to each other.



CP-16R/A camera is shown with Mike/Lite Bracket, RE50 microphone, and Cinema Products' new Sturdy-Lite quartz focusing spot (operating at 600 watt-120 volt AC/DC or 250 watt-30 volt DC).

## Automatic Iris Control for CP-16 & CP-16/A Cameras...

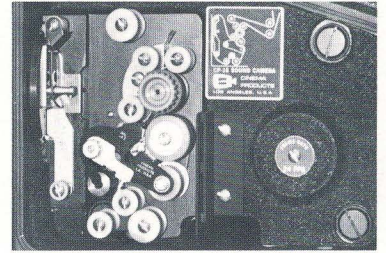
... with Angenieux 9.5-95mm or 12-120mm zoom lenses equipped with the new and improved Angenieux-designed AUTOMATIC IRIS Control System.

CP-16 camera models and Angenieux zoom lenses with Automatic Iris — an ideal combination to meet the rapidly changing lighting requirements encountered in news/documentary filming. Instant and precise positive control response eliminates "hunt-and-peek" exposure errors. The Angenieux-designed Automatic Iris is powered by the same compact nicad battery powering the entire CP-16 camera system.

Shown above is the CP-16/A camera (with built-in Crystasound Amplifier), equipped with Angenieux 12-120mm zoom lens and built-in Automatic Iris Control (with manual override). Also shown is the CP-16 optional 24 fps/36 fps film speed selector switch.

## CRYSTASOUND 3XL-AZ Magnetic Record/Playback Head

Three times the life expectancy of standard Auricon-type mag heads. 3XL-AZ mag heads are built with a special hard alloy which provides extra long wearing time. The 3XL-AZ mag head module is azimuth adjustable. 3XL-AZ record and playback heads are mounted on a common pivot arm assembly which guarantees azimuth alignment between the record and playback heads. 3XL-AZ mag heads are compatible for use with all 16mm single system sound cameras which accept Auricon-type mag heads (such as CP-16 cameras).

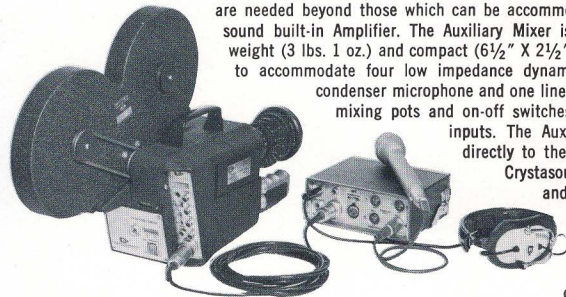


3XL-AZ mag head shown installed in CP-16/A camera.

## Crystasound Auxiliary Mixer



The Crystasound Auxiliary Mixer is an integral part of the total Crystasound Recording System for CP-16/A cameras, the most versatile and efficient recording system for TV-news/documentary 16mm cameras available. The Crystasound Auxiliary Mixer is basically designed for those filming situations where it is not feasible for the cameraman to handle the sound recording process by himself. It is also required in situations where additional microphones are needed beyond those which can be accommodated by the Crystasound built-in Amplifier. The Auxiliary Mixer is an extremely lightweight (3 lbs. 1 oz.) and compact (6 1/2" X 2 1/2" X 6") unit, designed to accommodate four low impedance dynamic microphones, one condenser microphone and one line input, with individual mixing pots and on-off switches for each of the six inputs. The Auxiliary Mixer plugs in directly to the mixer socket on the Crystasound built-in Amplifier and draws all its power from the very same NC-4 nicad battery pack which powers the entire CP-16/A camera system.



## Auxiliary Side Cover

The Auxiliary Side Cover is ideal "insurance" for TV-newsfilm cam-



eramen using CP-16 cameras with Crystasound built-in Amplifiers. Under difficult news filming conditions where it is possible for the Crystasound Amplifier to be damaged (and where such field damage cannot be repaired at once), having a spare auxiliary side cover available permits the



Rear of Auxiliary Side Cover showing the 8-pin sound cable connector, compatible with all Auricon-type amplifiers.

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