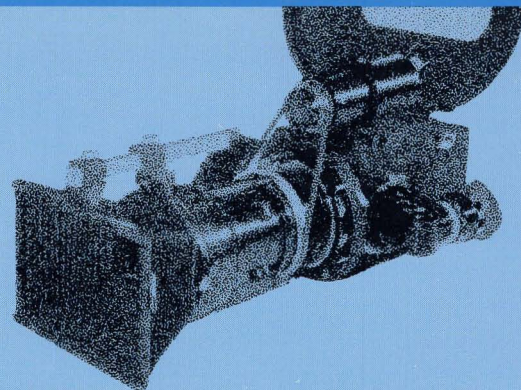
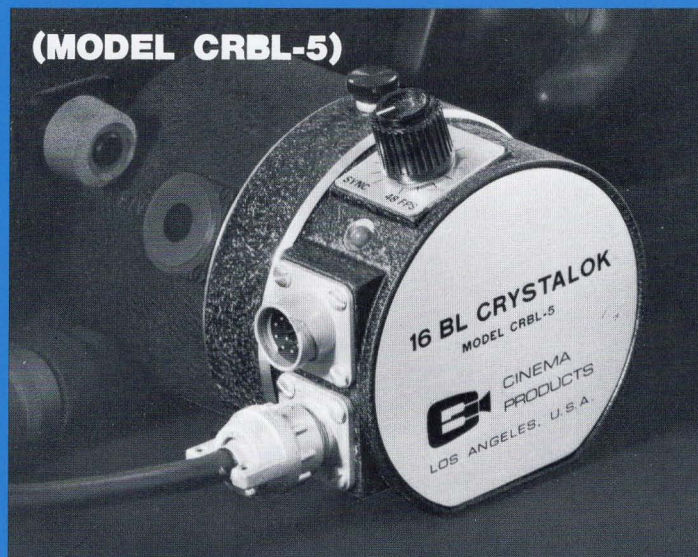


CRYSTALOK

CRYSTAL MOTOR CONTROLLER FOR ARRIFLEX 16-BL



(MODEL CRBL-5)



Crystallok is an extremely compact, lightweight control unit which, when added to an Arri 16-BL camera (with a standard universal motor), provides high precision crystal motor control. The unit also provides continuously variable speed control from 14 to 48 fps.

The Crystallok unit slips over the end of the Arri 16-BL motor housing and is held in place by three thumb screws. The standard Arri 12 volt power cable plugs into the Crystallok unit, and a pigtail connector from the Crystallok unit plugs into the Arri 16-BL power input connector.

A speed control knob is set for sync speed or adjusted for variable speeds.

A warning light blinks whenever camera is running out-of-sync, in sync mode, or off selected speed in variable speed mode.

TECHNICAL SPECIFICATIONS:

- Frame rate of 24 fps, forward only, in sync mode (cameras geared for 25 fps will run at that sync speed). Accuracy ± 15 parts per million over temperature range of 0° to 140°F.
- Frame rate of 14 to 48 fps in variable speed mode — accuracy $\pm .05\%$.
- Out-of-sync warning light flashes whenever camera is not running at preset speed both in sync or variable speed mode.

Filming T.V. monitors without "shutter bar" is automatically accomplished for European 50 field system by virtue of the camera's 180° shutter and precise crystal sync speed of 25 fps. In U.S. 60 field system a T.V. shutter of 144° may be installed to work in conjunction

with camera sync speed of 24 fps where simultaneous sound recording is required. As an alternative the camera speed may be adjusted to 30 fps, in the variable speed mode, while viewing for shutter bar stability through camera eye-piece utilizing standard 180° shutter.



FEATURES:

- Works reliably with any universal motor (i.e., type without forward/reverse switch).
- Uses standard Arri 16-BL 12 volt power supply.
- Comes complete with mounting bracket and pigtail connector.
- Extremely compact, projects 1½" beyond motor housing when installed.
- Lightweight — weighs only 14½ oz. complete with bracket and cable.

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