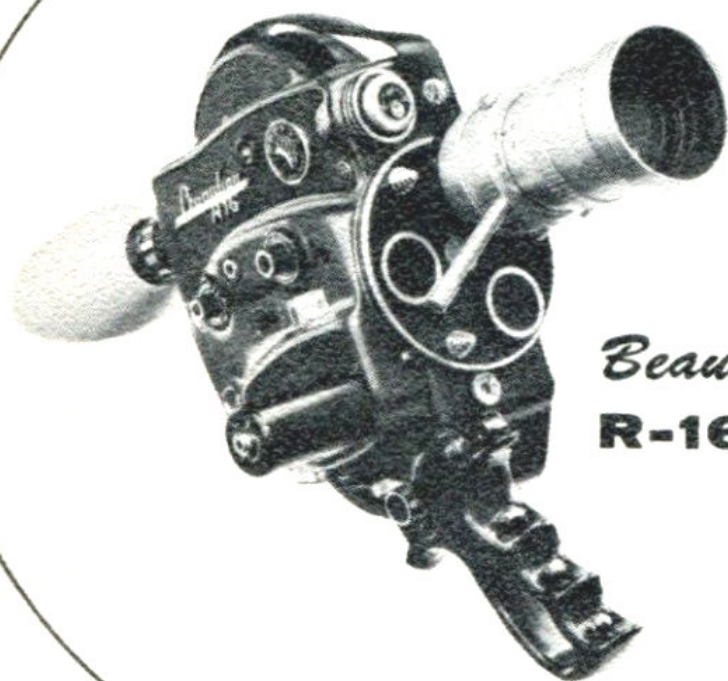


CINEMA *Beaulieu*

the professional
electronic-electric



Beaulieu
R-16ES

A SOPHISTICATED "ROVING"
CAMERA THAT HANDLES
LIKE AN AMATEUR MODEL

EXCLUSIVE DISTRIBUTOR FOR U.S.A.
921 WESTWOOD BOULEVARD, LOS ANGELES, CALIF. 90024
155 WEST 68TH STREET, NEW YORK, NEW YORK

16mm BEAULIEU R16ES SYNC CAMERA

MOVEMENT

Elliptical movement utilizes self-engaging single claw pull-down, of wear resistant steel. Pull-down only at bottom of sprocket hole. Film guided through film channel on tool hardened flat races, and held in precise position by two beryllium copper springs to provide frictionless in-focus, scratch-free pictures. Chrome hardened steel pressure plate, ground and lapped with recessed center area, which retracts from film gate for easy loading and cleaning. Film speed is variable from 2 f.p.s. to 64 f.p.s.

SHUTTER

Guillotine (up-and-down) sliding mirror-surfaced shutter operates at 45° angle to film plane. Oversize front-surface mirror reflects all of the light to viewfinder when shutter is closed and transmits all of the light to film when shutter is open. Exposure time at 24 f.p.s. = 1/60 second.

FOCUSING & VIEWING

Ultra-luminous real image is reflex-focused on "divided-grain" ground glass with 10X magnification. No parallax. No light loss. Adjustable eyepiece (+2 to -2 diopters) is equipped with rubber cup.

LENSES

Precision three lens turret, fitted with three actuating knobs, accepts all standard "C" mount lenses. Extension size lenses may be mounted with correction if rear thread at infinity does not exceed 3.8mm. Turret parts fitted with microscopic accuracy. Lens seating held rigidly to 17.52mm (ASA Standard). Zoom lens may be supported by accessory heavy duty dural plate without extra machining. All light entering lens is metered by Gossen CdS photocell. Evaluation is an integrated reading of total image on ground glass. Readings are valid for all type of lenses, both standard and those used with special adapters. Meter indicator-pointer built into viewfinder zeros at inscribed cross-hairs. Meter may be used with ASA 10 to ASA 400 film speeds. Two Mallory type PX13 batteries power meter and battery check button.

16mm BEAULIEU R16ES SYNC CAMERA

MOTOR DRIVE

Newly designed self-corrective motor/generator. Employs a tachometer/generator system that reads oscillator's beat against its own rotation rate. If phase is less than perfect (if motor speeds-up or slows-down even very slightly) the "timing comparator" signals a corrective current change through the amplifier circuitry to the motor, and the change of speed is made. Motor is powered by 7.2 volt nickel-cadmium battery which is rechargeable on 110/220 volt AC line. Two types are available: (1) power for 40 (100 ft.) rolls; (2) power for 6 (100 ft.) rolls (Pocket type). Visible tachometer control on camera, next to film speed control.

MAGAZINES

100 ft. internal Daylight Loading Spools.

SPECIAL FEATURES

Auto Control Lens: Camera is equipped with a circuit and an input socket for use with Reglomatic Autocontrol lens. Reglomatic system consists of transistorized micro-motor which is geared directly to lens diaphragm ring. Ring is actuated and responds to commands given by Gossen CdS photocell. Camera is provided with socket for mounting a 50 or 60 cycle sync generator, which automatically couples to camera shutter, for providing sync pulse to 1/4 inch magnetic tape recorder for synchronous double-system sound filming. Master Switch: Controls operation of film in either forward or reverse, for special effects, when using matte box, such as fades, dissolves, etc. Single Frame: For animation, titles or time lapse work. Remote Control: Cable with on-off switch for radio link, photocell, or special timing devices. Adapter Rings: Turret accepts adapter rings and extension tubes. Special lens adapters available for using Hasselblad, Nikon F, Leica M3, Leica screw mount, Pentax, Contarex, etc. All are converted to ASA "C" mount. Extension tubes available from 5mm to 50mm.

OPTIONAL ACCESSORIES

Base Plate: For use on table or tripod to steady camera, particularly when large size telephoto lenses are used. Matte Box (Compendium): For trick filming, masks, fades, dissolves, etc. AC Adapter: Heavy duty type converts 110 volts A.C. to 7.2 volts D.C. Charger: Special charger for use with all Beaulieu NiCad batteries. Cases: Special types for light weight and/or heavy duty.