

BOLEX

BOLEX H-16 PROFESSIONAL 16mm MOTION PICTURE SYSTEMS

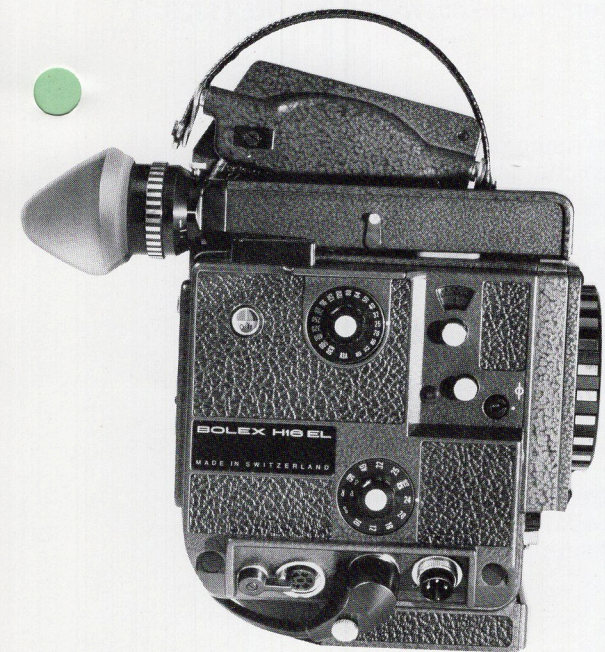
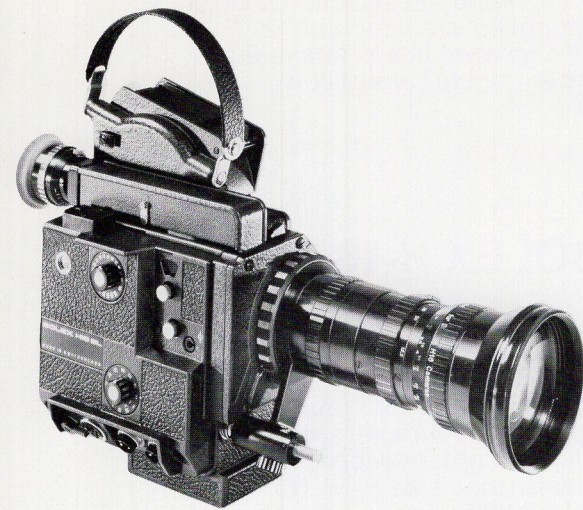
- Professional Precision & Reliability
- Full Double-System Sound Capabilities
- Unlimited Film-making Versatility

Compact, ruggedly built system to master virtually any film-making requirement. Modular design concept permits continuous expansion of basic camera with add-on accessories. Five models for every cameraman's needs.

BOLEX H-16 EL SYSTEM

Controls all major camera functions electronically for ultimate accuracy and reliability. Permits viewing, focusing, metering, and filming without removing eye from finder. Key features:

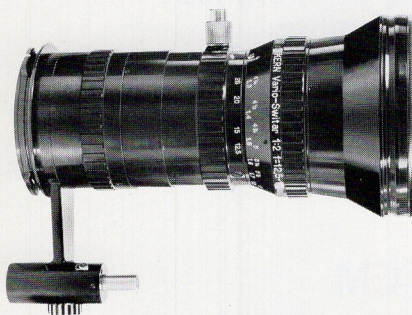
- **Electronically-Controlled Motor Drive.** Integral electric motor provides instant start/stop at 9 operating speeds: 10, 12, 18, 20, 24, 25, 32, 40, and 50 f.p.s. plus reverse run, continuous run, and single-frame. Plug-in 13-oz. nicad battery provides 600' film drive, recharges in either 14 hours or ½ hour depending on charger. Optional heavy-duty nicad battery powers 2000' of film per charge. Built-in battery discharge signal.
- **Electronically-Controlled Thru-the-Lens Metering.** Instant-response Silicon photocell provides center-weighted light measurement at film plane, operated by solid-state 'match-the-diode' LED display in finder, for all films ASA 10-630 at all filming speeds. Accurate taking-aperture metering thru any lens, filter, or accessory. LED symbols are shockproof, easily-seen even in dimmest light.
- **Electronically-Controlled Sound Synchronization.** Special 'Crystal' position on f.p.s. dial for use with accessory crystal-control module in cordless synch operation with any crystal-controlled recorder. Accuracy of crystal synch within \pm one frame per 400 feet. Another synch method, reliable cord-connected double-system sound, is provided by Synch Pulse Generator with automatic slating (clapstick) lamp.
- **Precision Claw Registration/Transport.** Unique Bolex mechanism maintains perfect registration even in multi-exposure work, assures excellent image steadiness in blow-ups to 35mm for theatrical use.
- **Automatic Film Threading/Loop Action.** Exclusive Bolex design threads film through gate automatically for error-free loading even in bright daylight. Automatic device forms loops; restores them instantly if ever lost during filming. Automatic spool ejector speeds unloading.
- **100-400' Reel Capacity.** Accepts single or double-perforated 100' film rolls; accessory 400' magazine and take-up motor permit use of 200' daylight spools or 400' of film on core in magazine.
- **Bayonet Lensmount.** Massive 60mm-diameter lensmount is so secure, camera may be carried by lens if desired. Accessory Bayonet Adapter permits use of C-Mount lenses and accessories.
- **Flicker-Free Reflex Viewing.** Brilliant reflex finder shows image with 13x magnification, free of flicker or blackout at all times; matte groundglass surface for pinpoint focusing accuracy. Individual \pm 5 Diopter Adjustment with lock; contoured rubber eyecup supplied. Built-in eyepiece blind.
- **Unlimited Film Rewind with 100' Spools.** Electrically-powered reverse wind coupled to auto-reset footage and frame counter for full special-effects capabilities; precision frame counter records to 1000 frames.



- **Vibrationless Rotary Shutter.** Low-noise shutter operates at 170° angle.
- **Behind-the-Lens Filter Holder.** Accepts 2x2" gelatin or acetate filters.
- **Full Accessory Capability.** Accepts Bolex Underwater Housing, 400' Magazine and Take-Up Motor, Quick Charger, Matte Box, Barney, and all Bolex-system Bayonet and C-Mount lenses.

The Bolex H-16 EL measures 4.5 x 6.8 x 9.5" and weighs 7 lbs. including battery (less lens). It is ideally suited for use with the Multicoated Kern Vario-Switar 12.5-100mm f2 zoom lens, which offers diaphragm preselection control for extra-fast operation. The H-16 EL is supplied less lens, with 12V/0.45 AH Nicad battery, standard charger, 4 gelatine filters, filter holders, contoured rubber eyecup, body cap, and 3' remote control cord. Prod. No. 41900.

ACCESSORIES FOR BOLEX H-16 EL

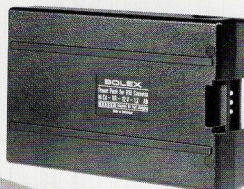


Vario Switar 12.5-100mm f2 Zoom Lens.

Expressly designed for the EL model. Multicoated, 8-to-1 zoom range; preset diaphragm control for release-coupled diaphragm stopdown for filming, metering. Extremely compact, lightweight; provides pistol grip diaphragm coupling with accessory camera grip cable Prod. No. 40417. Vario Switar 12.5-100mm f2 lens. Prod. No. 40085.

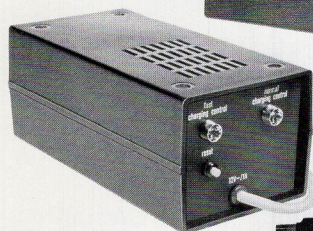
Standard Nicad Battery.

12v, 0.45 AH battery fits on camera body, powers approximately 600' of film, recharges in 14 hrs. or 30 minutes depending on charger. Prod. No. 41920.



Heavy-Duty Nicad Battery.

1.2 AH nicad worn over shoulder, powers approximately 2000' of film, recharges in 14 hrs. or 1 hr. depending on charger. With connecting cord and pouch. Prod. No. 41922.



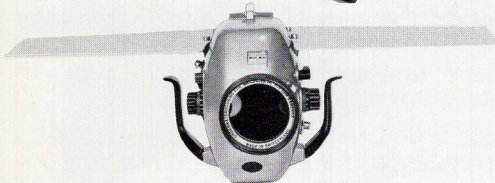
Quick Charger.

For fast recharging of either Nicad battery of EL. 110/220v AC, 50/60 Hz. Prod. No. 41930.



Pistol Grip.

With rapid-coupling system for instant attachment/removal. Trigger-action cable release. Accepts accessory cable 40417 for diaphragm control with Vario-Switar zoom lenses. With carrying strap. Prod. No. 41932.



Underwater Housing.

Compact aluminum underwater housing holds H-16 EL with Switar 10mm or Macro-Switar 26mm lens attached, operates safely at depths to 328 feet (100m). Unique stabilizing fins aid underwater handling. EL thru-the-lens meter may be employed; focusing knob supplied. With leatherette case. Prod. No. 40300.

All specifications subject to change without notice.

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BOLEX H-16 EBM ELECTRIC SYSTEM

Combines brilliant reflex viewing/focusing with 5-speed electronic drive and complete synch-sound capabilities; accepts accessory Marine Housing, 400' film magazine, and other Bolex system components. Key features:

- **Electronically-Stabilized Motor Drive.** Built-in electric motor operates at 10, 18, 24, 25, and 50 f.p.s., powered by rechargeable NC battery housed in contoured Power Grip. Battery powers 2400' of film, rechargeable in 12 hours in camera grip using charger supplied.
- **Double-System Sound Facilities.** Special 'Sound' position on f.p.s. selector, for use with accessory crystal-control unit for cordless sound synch with any crystal-controlled recorder. Also permits cord-connected sound with accessory synch-pulse generator. Built-in automatic slating system eliminates separate 'clapstick' when filming with synch-pulse unit.
- **Automatic Film Threading.** Unique Bolex mechanism threads film through gate for faster, simpler film interchange even in brilliant light. Loop formers retract automatically when camera door is closed. Loop restored instantly if lost while filming. Automatic spool ejector simplifies unloading.
- **Precision Film Registration.** Assures genuinely excellent steadiness and frame registration, particularly important when film is rewound for special-effects applications and in blow-ups to 35mm format.
- **Accepts Accessory 400 Magazine.** Basic EBM camera accepts single or double-perforated 100' film rolls; accessory magazine and take-up motor permit use of 200' daylight-load rolls or 400' film cores.
- **Brilliant Reflex Finder.** Shows image recorded by film at 14x magnification; matte groundglass surface assures critically accurate focusing. Image is free of flicker and remains visible at all times.

Other Bolex EBM features include automatic **thru-the-lens exposure control** and **power zoom** with supplied Vario-Switar 100 POE bayonet mount lens; optional C-Mount lenses fit via accessory C-Mount Adapter; **Unlimited film rewind** with accessory crank supplied; **vibrationless rotary shutter** with 170° opening and **behind-the-lens 2-position filterslot** accepting 2x2" gelatin or acetate filters. The Bolex H-16 EBM measures 13½" high x 6" deep x 3¾" wide and weighs 9.5 lbs. complete with battery and power grip. Supplied with NC battery, battery charger, power grip, 4 gelatin filters, contoured folding rubber eyecup, film rewind handle, and Vario-Switar 100 POE lens. Prod. No. 41754.

ACCESSORIES FOR BOLEX H-16 EBM

EBM Base Adapter.

Provides oversize, flat area for added stability when camera is tripod mounted with power grip removed. It is equipped with rapid mount attachment and connecting sockets for power and remote control cable, as well as socket for synch-sound or crystal-synch accessories. Prod. No. 41782.

Nicad Battery.

12v, 1 AH battery for 2400' filming. Prod. No. 41766. (Replacement).

Battery Container.

For operating EBM with power grip detached or for recharging NC battery in conjunction with charger. With belt clip and tripod strap. Prod. No. 41784.

Power/Remote Control Cable.

Connects the battery container (#41784) with EBM camera for electrically-actuated remote operation when used on a tripod (mounted on the base adapter 41782) without the power grip. Prod. No. 41786.

BOLEX H-16 SBM SYSTEM

Dependable spring driven model with add-on electric drive capability and full sound/synch provision. Key features:

- **Governor-Controlled Spring Motor.** Reliable motor provides accurate filming speeds of 12, 16, 18, 24, 32, 48, and 64 f.p.s. plus single-frame; 16.4' film run per wind. Audible 'click' at 30 frame intervals aids in scene timing.
- **Full Electric Capability.** Accepts add-on electric motors ESM and EM for extended filming requirements and use with 400' magazine and synch/sound systems.
- **Variable Shutter.** Rotary shutter adjustable from 0° to 130° for complete special-effects control; shutter opening signal appears in viewfinder. Accessory REXO Fader gives automatically-timed fades over 40-frame interval.
- **Brilliant Reflex Finder.** Full-focusing groundglass and eye-level prism system show film image at 10x magnification; +/−5 diopter adjustment with lock. Contoured rubber eyecup supplied.
- **Unlimited Film Rewind.** Handle provided; couples to automatic-reset footage and frame counters for accurate lap dissolves, superimpositions, or mid-roll film change.
- **Optional Thru-the-Lens Metering and Automatic Exposure Control** with accessory Vario-Switar POE-4 16-100mm zoom lens.

The Bolex H-16 SBM shares all other features of the H-16 system, including precision *claw registration/transport system*, *automatic film threading and loop forming*, 400' reel capacity with accessory magazine and take-up motor in conjunction with electric drive, *bayonet lensmount* with accessory Bayonet Adapter for C-Mount lenses and accessories, and *behind-the-lens filter slot*. It accepts Bolex motor drives ESM and EM, synch/sound accessories, REXO Fader, 400' magazine and take-up motor, matte box, Barney, and all Bolex-system lenses. Measures 3 x 6 x 9", weighs 6.75 lbs. (less lens). With 4 gelatine filter holders, filters, rubber eyecup, body cap and rewind handle. Prod. No. 41810.

BOLEX H-16 REX-5 SYSTEM

A companion model to Bolex H-16 SBM, with these differences:

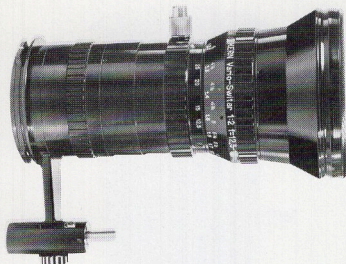
- **Turret Lensmount.** 3-lens C-Mount with quick-change lever and positive lock.
- **Behind-the-Lens Filter Slot.** 1-position slot using Bolex filter holders (supplied) for 2 x 2" gelatine or acetate filters.

All other specifications, features, and capabilities of the Rex-5 are identical to those of the SBM. Bolex H-16 Rex-5 with rewind handle, 4 gelatine filter holders, filters, contoured rubber eyecup, and body cap., Prod. No. 41117.

All specifications subject to change without notice.

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LENSES FOR BOLEX H-16 CAMERAS



Vario-Switar 12.5-100mm Multicoated Zoom Lens

For Bolex H-16 EL and Bayonet Cameras

Expressly designed for use with H-16 EL. 8-to-1 zoom range with fast f2 maximum aperture; automatic preset diaphragm control mechanically coupled to EL shutter release for fastest operation. Multicoated, color-corrected Kern optics. Supplied with folding rubber lens hood. Special cable release for camera grip (Prod. No. 40417), available separately, pre-opens the diaphragm for extra-fast focusing and framing. Prod. No. 40085

*Focal Length: 12.5-100mm
Aperture Range: f2.0-f22
Angle of View: 3.5°x5°—26°x34°
Minimum Focus: 48"
Field Size @ Min. Focus: 2.6x3.4" (100mm)
Filter Size: Series 9
Length: 7.0"
Weight: 48 oz.*

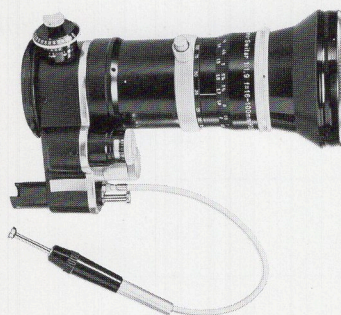


Angenieux 120 12-120mm Zoom Lens

For All Bolex H-16 Reflex Cameras

High-speed 10-to-1 zoom with unique geared crank for smooth zoom action. 1" Zoom lever supplied provides optional fast zoom operation. Hard-coated, color-corrected optics. Focuses to 60"; accessory Close-Up Lens #1 permits focusing from 33.5 to 61", covers field as small as 1.5x2". Close-Up Lens #2 focuses from 34.3-25.6", for field sizes to 1.0x1.25". Accepts accessory Lens Hood, Prod. No. 40570. Supplied in C-mount with velvet-lined storage case. May be used on bayonet-mount models with Bayonet Adapter 41876. Prod. No.: 40056

*Focal Length: 12-120mm
Aperture Range: f2.2-f22
Angle of View: 3.5°x5°—37°x50°
Minimum Focus: 60"
Field Size @ Min. Focus: 2.8x3.8" (120mm)
Filter Size: Series 9
Length: 7.8"
Weight: 38 oz.*

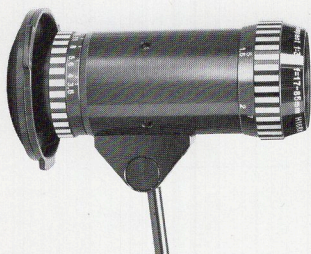


Vario-Switar 100 POE-4 16-100mm Zoom Lens with TTL Metering

For Bolex H-16 Reflex Cameras

Provides automatic, thru-the-lens exposure control for all films ASA 10-400. Single speed power zoom spans entire 6.25-to-1 zoom range in 4-6 second interval; smooth manual zoom is also possible. The unique automatic diaphragm control closes the lens to the preset aperture prior to filming on H-16 EL, EBM and ESM-Motor-equipped cameras by means of the accessory aperture control cable (Prod. No. 40835). CdS meter is powered by one PX-1 mercury battery, and the power zoom motor by two RM-1 cells. Focuses from 43" to as close as 27.5" with the optional Close-Up Attachment E, Prod. No. 40560. Vario-Switar 100 POE-4 C-Mount, Prod. No. 40080. Bayonet Mount, Prod. No. 40082.

*Focal Length: 16-100mm
Aperture Range: f1.9-f16
Angle of View: 4°x5.2°—26°x34°
Minimum Focus: 48"
Field Size @ Min. Focus: 2.6x3.4" (100mm)
Filter Size: Series 9
Length: 8.0"
Weight: 46 oz.*

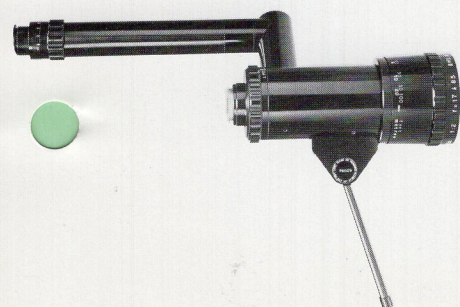


Vario-Switar 17-85mm Compact Zoom Lens

For All Bolex H-16 Reflex Cameras

Only 4.3" long, weighs just 11.5 ounces! Can be turret-mounted without obstructing other lenses, giving the photographer the flexibility of simultaneously available zoom, ultraspeed, and extreme wide-angle lenses as well as other combinations. Unique geared zoom lever for smooth, positive operation. With lens hood. Prod. No.: 40046, (C-Mount); 40045, (Bayonet Mount).

*Focal Length: 17-85mm
Aperture Range: f3.5-f16
Angle of View: 4.5°x6°—24°x32°
Minimum Focus: 42"
Field Size @ Min. Focus: 2.8x3.8" (85mm)
Filter Size: Series 5.5
Length: 4.3"
Weight: 11.5 oz.*



Pan-Cinor 85-2 17-85mm Zoom Lens with Reflex Viewfinder

For All Bolex H-16 Cameras

A compact, high-speed zoom with integral reflex viewfinder. Ideally suited to H-16 M-5 cameras, this lens performs equally well on other Bolex models as the reflex finder may be rotated for location on either side of the lens. Finder does not darken even at taking aperture. Built-in coincident-image rangefinder; focusing eyepiece. Supplied in C-Mount, Prod. No. 40067; use on Bayonet-mount models with Bayonet Adapter #41876. Accessory Close-Up Lens #3 permits focusing from 65"—39", covers field size as small as 2.5 x 3.5", Prod. No. 40563.

*Focal Length: 17-85mm
Aperture Range: f2.0-f16
Angle of View: 4.5°x6°—24°x32°
Minimum Focus: 72"
Field Size @ Min. Focus: 5.0x6.5" (85mm)
Filter Size: Series 8
Length: 7.0"
Weight: 36 oz. (Incl. Finder)*

KERN FIXED FOCAL-LENGTH LENSES FOR ALL BOLEX H-16 CAMERAS

Superb image quality is the hallmark of this compact, close-focusing lens series. The Kern pre-set diaphragm mechanism permits full-aperture viewing and focusing; prior to exposure, the photographer simply turns the control lever on the lens, which automatically stops at the pre-selected aperture. The 26mm f1.1 provides obvious advantages in dim-light filming. Each lens in this series is supplied in C-Mount, and may be used on Bayonet-mount models with the Bayonet Adapter # 41876.

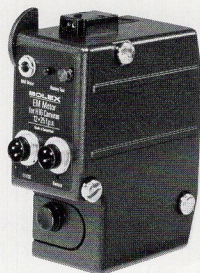


	Switar RX Preset	Macro-Switar RX-Preset	Macro-Switar Preset	Macro-Yvar Preset
Focal Length:	10mm	26mm	75mm	150mm
Aperture Range:	f1.6-f22	f1.1-f22	f1.9-f22	f3.3-f32
Angle of View:	38°x52°	16°x22°	5°x7°	2.5°x3.5°
Minimum Focus:	1"	7.5"	60"	72"
Field Size @ Min. Focus:	1.5x2.0"	1.5x2.0"	5.5x8.5"	3.0x4.0"
Filter Size:	Series 5.5	Series 5.5	Series 6	Series 6
Length:	2.3"	2.5"	3.5"	8.0"
Weight:	5 oz.	6 oz.	8 oz.	12 oz.
Prod. No.	40013	40011	40015	40018

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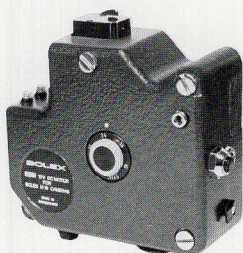
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ACCESSORIES FOR BOLEX H-16 SBM, REX-5, AND M-5 CAMERAS



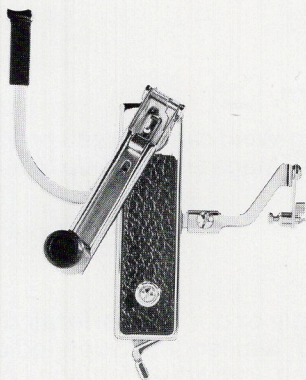
EM Motor Drive.

Compact electric motor for silent filming at speeds from 12 to 25 f.p.s.; suitable for use with accessory 400' magazine. Accepts same nicad batteries and chargers as H-16 EL. 0.45 AH battery powers 600' of film, recharges in 14 hrs. with standard charger or 30 minutes with special quick charger. With battery, standard charger, and 3' remote control cord, Prod. No. 40802.



ESM Motor Drive.

Electronically-controlled motor for sound or silent filming at speeds of 10, 18, 24, 25, and 50 f.p.s.; suitable for use with 400' magazine. Nicad battery housed in handgrip powers approx. 1600' of film, may be recharged in grip or battery holder. Power Grip has rapid coupling mechanism, release button with lock and wrist strap; accepts accessory cable Prod. No. 40835 for automatic diaphragm control with Vario-Switar zoom lens. With nicad battery, standard charger, charge cord, and power grip, Prod. No. 40830.



Battery Container.

Compact 2x2x5" metal case holds Nicad battery when used without Power Grip. Container may be belt-mounted or attached to tripod leg. Battery may be recharged while in container. Prod. No. 41784.

Rex-O-Fader.

Precision unit provides automatically-timed fades/dissolves over 40-frame interval with all variable-shutter camera models. Prod. No. 40656.

H-Camera Grip.

Rapid coupling system for instant attachment removal. Trigger-action release with direct mechanical coupling to camera shutter release button. Permits normal or continuous filming. Built-in tripod socket, wrist strap. Prod. No. 40786. Accepts special Cable 40417 for automatic diaphragm control of Vario-Switar Zoom lens.

Cable Releases H-20, H-40.

For all spring-drive models. Metal cable release with optional camera adapter permits continuous or single-frame filming with or without Rex-o-fader. 20" Model H-20, Prod. No. 40422; 40" Model H-40, Prod. No. 40424.

H-Cable Release Adapter.

Fits over the side release on all H-16 spring wind cameras and permits continuous or single frame filming with or without Rex-o-fader attached, Prod. No. 40431.

BOLEX H-16 SOUND ACCESSORIES

For use with Bolex H-16 EL, EBM, and spring-wind cameras equipped with Motor Drive ESM.



Crystal Synch Unit.

Permits accurate double-system sound without connecting cord between camera and recorder. Unit attaches to camera or motor; second Crystal unit (supplied by tape recorder manufacturer) is attached to tape recorder. Any number of crystal-controlled cameras can be synched with one crystal-equipped recorder. 2.5 x 3.5 x 4.3", weighs 6 oz.; supplied with 18" universal cable to fit Bolex electric motors or cameras. Prod. No. 41762.



Synch Pulse Generator.

Lightweight accessory connects to electric camera or motor; accessory tape recorder cable attached to recorder. Optional automatic slating mechanism simultaneously flashes first few film frames while placing audible signal on tape for automatic 'slating' (clapstick) action. 2.3 x 4.3 x 4.5", weighs 6 oz.; can be belt-mounted or carried in pocket. Requires coiled tape recorder cable. Prod. No. 41760.

Tape Recorder Cable for Pulse Synch Generator.

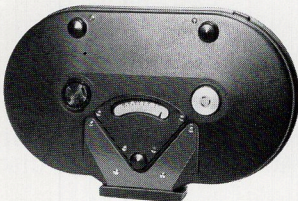
Coiled 18' cord connects Synch Pulse Generator to any tape recorder. Standard 7-prong DIN fitting. Prod. No. 41774.

Barney (Blimp) Sound Cover.

Multilayer foam rubber, felt, and plastic cover absorbs virtually all motor noise for indoor synch sound filming. For all Bolex H-16 cameras with electric motors. Suitable for use with or without 400' magazine. Prod. No. 40893.

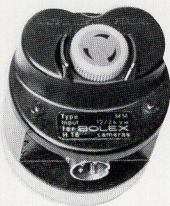
Bolex 400' Film Magazine System.

For use with all H-16 EL, EBM, and Spring-Wind cameras equipped with electric motor drive. Requires 3 components: 400' Magazine, Take-Up Motor, and Connecting Cable.



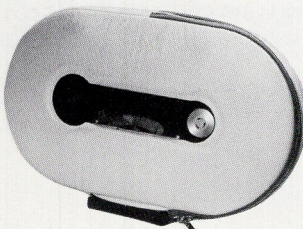
400' Magazine.

Accepts 200' reels or 400' cores of single or double-perforated 16mm film; 200' reels may be daylight-loaded! 400' film lengths, supplied on cores, are loaded in darkroom or changing bag. Individual footage counter scales for both film lengths. Contoured for use with reflex or non-reflex models. Measures 2 x 8 x 13.5", weighs 45 oz. Prod. No. 40892.



Take-Up Motor for 400' Magazine.

Bayonets easily on magazine housing; powered by Nicad battery of camera motor. Direct gear mechanism eliminates belts, springs. Supplied with 2 rollers for camera spindles. 2.3" diameter, weighs 8 oz. Prod. No. 40804.



Connecting Cable Magazine/Motor.

Powers Take-Up Motor via camera motor battery. Prod. No. 40809.

Cover for 400' Magazine.

Special protective cover for 400' film magazine. Prod. No. 40894.

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Clapstick (Slating) Lamp.

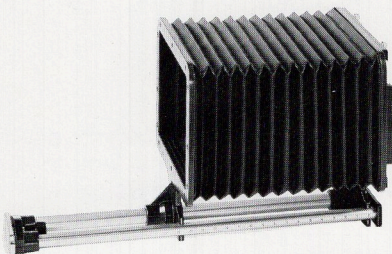
For use with Synch Pulse Generator; flashes first few film frames for precise 'start' mark. Requires accessory Lamp Mount. Prod. No. 40824.

Clapstick (Slating) Lamp Mount.

Attaches Clapstick Lamp to specified camera lens mount. For H-16 EL and EBM, Prod. No. 41770; for H-16 SBM with ESM Motor, Prod. No. 41879, for H-16 Rex-5 Models with ESM Motor, Prod. No. 41880.

OTHER BOLEX H-16 ACCESSORIES

(for all Bolex H-16 models unless otherwise indicated).



Matte Box B.

Precision compendium-type bellows hood for special-effects work; extends 12" from camera for use with normal and zoom lenses. Rigid mounting to H-16 camera base. Supplied with pre-cut keyhole, binocular, and heart-shaped masks, blank masks, acetate sheets and glass plates for front and rear frames. Also for use as variable lens hood, gelatine filter holder. Prod. No. 40617.



Right Angle Viewfinder.

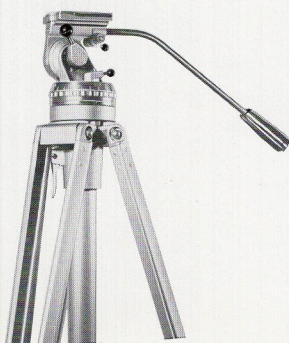
For all H-16 reflex cameras; gives convenient viewing angle when camera is tripod or copystand-mounted and in low-angle shooting. Prod. No. 40159.

Adjustable Shoulder Brace.

With quick-release mounting system. Camera attaches to curved arm connected to metal support; heavily-padded shoulder rest supports assembly, frees photographer's hands for uninterrupted camera/lens operation. Excellent for high or low-angle photography. Prod. No. 40785.

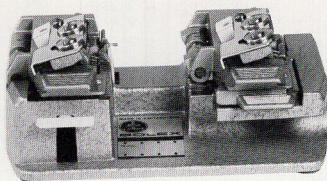
Professional Monopod.

Weighing only 24 oz., this ruggedly-constructed support actually accommodates up to 33 pounds total weight. Collapses to 21", extends to 63". Prod. No. 40789.



Tripod H.

A relatively lightweight tripod with the stability necessary for professional filmmaking. Ball-joint head with spirit level permits fast, accurate leveling; quick-lock extension column provides extensions to 6 feet without affecting leveling. Separate locking pan/tilt controls; panhead handle has provision for mounting of Bolex-H cable release for one hand pan/shoot operation. Quick-release mounting system for instant attachment/removal. Centerpost can be reverse-mounted for copying or special applications. Closed, measures only 36". Prod. No. 40770.



Splicer.

Professional 16mm wet splicer virtually eliminates thick overlap, joins frames flush at beveled edge. This makes splices only slightly thicker than the original uncut emulsion, thus preventing soundtrack 'blips' and maintaining a steady, perfectly-registered film path through the projector gate. A superior instrument for professional-quality splicing. Prod. No. 40734.

Aluminum Carrying Case/400.

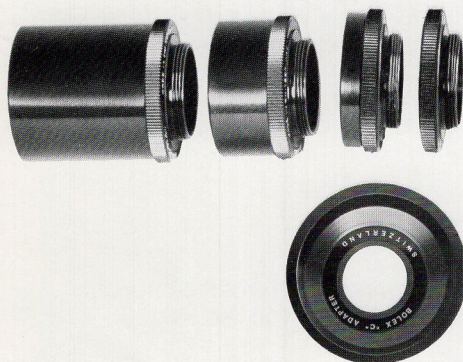
Durable, lightweight aluminum case holds any H-16 with 400' magazine and Vario-Switar POE-4 (or smaller) lens attached. Individual compartments with covers for extra lenses, crystal control, synch pulse generator, extra batteries, film rolls, etc.; Bolex Monopod and miscellaneous accessories fit in hinged cover. 8.2 x 19.5 x 23.5". Prod. No. 40459.

Aluminum Carrying Case/100.

For H16 EBM or EL or any H16 camera with 100 foot capacity. Prod. No. 40458.

Carrying Case/100.

Rich leather-like case holds any H-16 camera and lens with standard 100' film capacity. With adjustable shoulder strap and pad. Prod. No. 41934.



C-Mount Extension Tube Set.

Four precision metal extension tubes of 5mm, 10mm, 20mm, and 40mm depth, for use individually or in any combination for up to 75mm additional lens-to-film extension. For macrocinematography with C-Mount lenses on all Bolex H-16 reflex cameras. Prod. No. 40620.

Bayonet Adapter.

Permits use of C-Mount lenses or accessories on Bolex Bayonet-mount cameras. Does not affect focusing range of lens. Prod. No. 41876.

Nikon F/C-Mount Adapter.

Permits using Nikon slr lenses, bellows units, and similar accessories on Bolex C-Mount cameras or bayonet-mount cameras equipped with Bayonet Adapter 41876. Does not affect original focusing range of lens. Made by Nikon. Prod. No. 2360.

All specifications subject to change without notice.

BOLEX

BOLEX SUPER-8 SOUND CAMERAS

- **Superb Sound Quality**
- **Automatic Exposure/Volume Control**
- **Macrozoom Optics**

A new series of versatile sound-on-film cameras with full professional filmmaking capabilities and traditional Bolex reliability. Unusually compact, lightweight and easy to operate. Standard 18-frame image/sound separation for playback on Bolex and other sound projectors.



BOLEX 5120 MACROZOOM SUPER-8 SOUND CAMERA

Ultimate optical and electronic performance in Super-8 format. Key features:

- **Professional Sound Quality** — performance at 18 f.p.s. sound speed equals conventional 24 f.p.s. standards, provides 33% greater running time in filming and projecting. Amplifier range 80-8500 Hz., max. 0.25% wow and flutter.
- **Automatic Sound Level Control** with LED in-finder readout for easy operation. Two sensitivity ranges: to 3 mV (High) and 10mV (Low).
- **Optional Manual Level Control** with built-in VU meter and Monitor Earphone (supplied), permits *sound* fades, other special audio effects.
- **Remote-Control Microphone** included, with stand and Wind Screen; omnidirectional pick-up. Optional Condenser (directional) Microphone with boom for on-camera mounting. Accepts other microphones from 200-600 Ohms.
- **External ActionLight™** and brilliant LED signal show when camera is running or operating correctly in sound mode; easily seen by subject and filmmaker. ActionLight may be overridden for candid filming.
- **12-to-1 Macrozoom Lens.** Bolex Vario 6-72mm f1.8 zoom lens focuses to its front element; LED finder signal confirms macro setting. Silent power zoom mechanism has variable speed control, covers entire range in 4 to 8 seconds as desired. Telescoping control lever for smooth manual zoom.
- **Automatic Thru-The-Lens Metering.** Fully automatic or manual exposure control for films ASA 25- 160; aperture in use shown in finder. Exposure compensation dial provides \pm up to one f/stop exposure in auto mode for backlit subjects, special effects.
- **Full-Information Reflex Finder.** Uniform brightness — never darkens or flickers. Microprism focusing spot for pinpoint accuracy. Information display denotes 9 camera functions: aperture in use, under and over-exposure signals, exposure compensation setting, film transport verification, end-of-film signal, sound recording level, fade control, macro setting. Oversize eyepiece adjustable from -4 to +2 diopters; supplied with folding 'split' rubber eyecup. Built-in eyepiece blind.
- **Multi-Speed Motor and Built-In Intervalometer.** Sound or silent filming at 18 f.p.s. plus silent operation at 36 f.p.s. or single-frame. Electro-magnetic shutter release controlled by trigger-action pistol grip, provides instant start/stop; run/lock selector. Built-in intervalometer permits time-lapse photography at 1 to 60 second intervals.
- **Complete Special-Effects Capabilities.** Automatic fade-in/fade-out control with pushbutton operation. Manual volume control permits

simultaneous *sound* fades if desired. Footage counter scale is manually adjustable for accurate control when loading the camera with a partially exposed film cartridge.

- **Single, Interchangeable Power Source.** All camera functions powered by six 1.5v AA batteries in pistol grip; either Alkaline or rechargeable nickel-cadmium cells may be used. Accessory Charger permits in-camera nicad charging via household current.

Other Bolex 5120 features include *electronic flash synch* with built-in PC outlet and accessory shoe (supplied); *external sound synch* provision; *minimum lens aperture of f45*; *built-in Type A filter*, cartridge-keyed or manually adjustable; *cartridge ejector*; *threaded tripod socket* and *movie light socket*; shutter opening angle of 150°; *ActionLight™* with override for camera run control and Light-emitting diode for remote checking of recording level. The Bolex 5120 measures 3 x 8.9 x 9", weighs 5.3 lbs.; accepts 72mm screw-in lens accessories. Includes monitor earphone; omnidirectional remote-control microphone with 15' cord, wind screen, and stand; filter retracting key; wrist strap and folding rubber eyecup. Prod. No. 41025.



BOLEX 581 MACROZOOM SUPER-8 SOUND CAMERA

Versatile full-feature sound-on-film camera with professional capabilities. Key features:

- **8-to-1 Macrozoom Lens.** Bolex Vario 7.5-60mm f1.7 zoom lens provides macro focusing to 1" from Lens; minimum aperture f/22. Silent, variable-speed power zoom control plus smooth manual zoom via telescoping lever. Accepts 58mm screw-in lens accessories.
- **8-Function Reflex Finder.** With micropism spot for highly accurate focusing; never darkens or flickers. Information display shows aperture in use, under/over-exposure indicators, film transport and end-of-film signals, sound recording level, and fade control; eyepiece adjustable from -4 to +2 diopters. Folding 'split' rubber eyecup; built-in eyepiece blind.
- **Built-In Intervalometer** for time-lapse photography at intervals from 1 to 60 seconds.

The Bolex 581 shares all other features of the deluxe Bolex 5120, including:

- **18 f.p.s. Sound Speed** with 80-8500 Hz. response;
- **Automatic or Manual Sound Level Control** with viewfinder LED signal and VU-meter; monitor earphone supplied;
- **Remote-Control Omnidirectional Microphone** with 15' cord — accepts other microphones from 200-600 Ohms;
- **External Sound and Filming ActionLights™** may be overridden for candid filming;
- **Automatic or Manual Exposure Control** — Through-the-lens CdS meter for ASA 25-160 films with ± 1 f/stop auto exposure compensation control;
- **Multi-Speed Motor** provides sound or silent filming at 18 f.p.s. plus silent operation at 36 f.p.s. and single-frame;
- **Complete Special-Effects Capabilities** including image and sound fades, manually-adjustable footage counter for mid-roll cartridge interchangeability;
- **Conventional or Rechargeable Battery Operation** with six 1.5v AA alkaline or nicad cells in grip; nicads rechargeable on AC with accessory charger;
- **Plus** Electronic Flash Synch; Built-in PC Outlet for flash or external sound input; built-in ND filter, Type A filter, cartridge ejector, threaded tripod socket and movie light socket. The Bolex 581 measures 3" x 9" x 9.3" and weighs 4.2 lbs. Includes monitor earphone; omnidirectional remote-control microphone with stand and wind screen; flash shoe; filter key; wrist strap and rubber eyecup. Prod. No. 41027.

All specifications subject to change without notice.

BOLEX



BOLEX 551-XL MACROZOOM SUPER-8 SOUND CAMERA

Remarkably lightweight, compact existing-light sound camera that actually exceeds 'XL' specifications. Key features:

- **5-to-1 f1.2 Macrozoom Lens.** Bolex Vario 8-40mm f1.2 lens provides macro focusing to 2 inches from the front element, stops down to f45; single-speed power or smooth manual zoom.
- **220° Shutter Opening** provides 50% greater light transmission for XL filming.
- **9-Function Reflex Finder** shows LED for macro mode, lens aperture, under/over-exposure signals, transport and film-end signals, LED sound level indicator, and fade control. Eyepiece adjustable from -4 to +2 diopters, folding rubber eyecup supplied; built-in eyepiece blind.

Electronic flash, external sound outlets and slow motion are not provided. In other respects, the Bolex 551-XL offers the same features and capabilities as the Bolex 581, including:

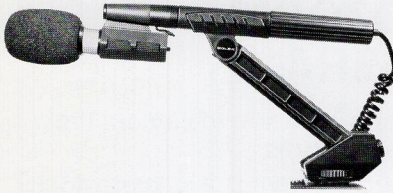
- **18 f.p.s. Sound Speed** with 80-8500 Hz. response;
- **Automatic or Manual Sound Level Control** with viewfinder LED indication and VU-meter;
- **Remote-Control Omnidirectional Microphone** with 15' cord, stand and wind screen; accepts other microphones from 200-600 Ohms;
- **Sound level LED indicator and Film ActionLights™** with override for candid filming;
- **Normal Speed**— 18 f.p.s. sound or silent; and single-frame; electromagnetic shutter release for instant start/stop via pistol grip with run/lock selector;
- **Complete Special-Effects Capabilities** for sound and image fades; manually-adjustable footage counter;
- **Built-in Intervalometer** for time-lapse photography at 1-60 second intervals;
- **Conventional or Rechargeable Battery Operation** with six 1.5v AA alkaline or nickel-cadmium cells in pistol grip; accessory charger permits recharging nicads on AC current;
- Also includes built-in Type A filter, cartridge ejector, movie light socket and tripod socket.

The Bolex 551-XL measures 3" x 9" x 9.3", weighs 4.2 lbs., and accepts 58mm screw-in lens accessories. With Monitor Earphone; Remote-Control Microphone with 15' cord, stand, and wind screen; filter key; wrist strap and rubber eyecup. Prod. No. 41026.

BOLEX ACCESSORIES FOR SUPER-8 SOUND CAMERAS

De Luxe Carrying Case.

Compact in size, it combines attractive styling with rugged protection. Partitioned for camera, accessories, film. With adjustable shoulder strap. Prod. No. 41073.



Directional Microphone with Boom.

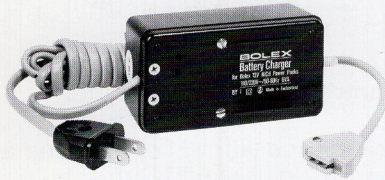
Telescopic condenser microphone powered by single 1.3v mercury battery (Eveready PX-675 or equivalent). In shock-absorbing boom, which fits into adjustable hinged mount above camera. May be used in conjunction with top-mounted movie light, or hand-held. 200-600 Ohm. Includes case. Prod. No. 41093.

Microphone Extension Cord.

15' extension cord for use with standard or directional microphone. The extension may be employed for total microphone/camera distance up to 30'. Prod. No. 41094.

Remote Control Cord.

20' cord starts, stops camera via electrical impulse. For candid photography, or when photographer wishes to appear in films; also valuable in close-up and macro filming as electrical release action eliminates vibration. Prod. No. 41086.



Battery Charger.

Recharges 6 AA nickel-cadmium batteries while inside Bolex sound camera. 14-hour charge time. For 100-240v AC, 50/60 Hz. operation. Prod. No. 41099.

All specifications subject to change without notice.