

AMERICA'S LEADING MOVIE MAGAZINE

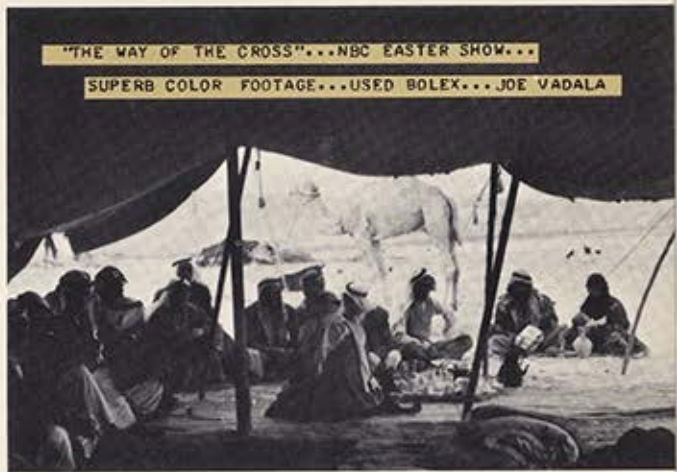
16mm PRODUCT BUYING GUIDE

BOLEX REPORTER



35MM THEATRICAL RELEASE "THE ENDLESS SUMMER", SUCCESS...

16MM ORIGINAL FILMED WITH BOLEX...BRUCE BROWN



"THE WAY OF THE CROSS"...NBC EASTER SHOW...

SUPERB COLOR FOOTAGE...USED BOLEX...JOE VADALA



...IN INDIA: 120° F IN SHADE

...IN MINNESOTA: -40° ...IN GUATEMALAN

RAINFOREST: DRIPPING HUMIDITY...

BOLEX UNAFFECTED...DENNIS CROW



UP WICKERSHAM WALL, MT. MC KINLEY

...BOLEX ALWAYS READY TO FILM

...HANS GMOER



...-60° MT. MC KINLEY SUMMIT

...BOLEX WORKS SMOOTHLY

... MAJOR BANKS FILMING FOR BBC



CROSSED ATLANTIC WITH 45' SCHOONER...

HEAVY SEA...SPECTACULAR FOOTAGE...

BOLEX MAGNIFICENT...MORRIS D. HOYT



BOLEX THE FINEST FOR COMMERCIAL PRODUCTION

...IN THE AIR...ON THE GROUND

...UNDERWATER...BURTON MC NEELY

16mm PRODUCT BUYING GUIDE—Bolex professional equipment is reliable in performance and is made for rugged use anywhere: It offers superb optics and a large range of accessories...all adding up to finest picture quality.

SPORTS FILMING: Slowing down action so that it can be analyzed by the coach, instructor, or athletes, is the most valuable feature in a movie camera for sports filming. The Bolex system provides the best and easiest ways of doing this. The running speed of the H-16 can be increased to 24, 32, 48, or even 64 frames per second, thereby slowing down the action two, three, or even four times when projecting the film at the normal speed.

Equipping the camera with the Bolex Unimotor is recommended for uninterrupted filming over an entire 100' reel. With automatic threading, changing film is quick and foolproof—easily done between downs in a football game. Frequent film changes can be eliminated by using the 400' Bolex.

Where light is sufficient, zoom lenses are the best choice for sports filming since they allow going from a long shot to close-up without stopping the camera. In poor light, the faster (f/1.4) fixed focal length lenses may be necessary.

EDUCATION: Any Bolex H-16 model is ideal for educational filmmaking. The operation of the camera is simplified so that teachers or students with little photographic knowledge can obtain good footage. The loading of the camera, for instance, is automatic and foolproof. The footage counter is automatic and does not require manual re-setting. The reflex viewing through the taking lens on the Rex model eliminates such mistakes as incorrect framing with cut-off heads, off-centered titles, filming with the wrong lens, out-of-focus frames due to incorrect focusing, filming with incorrect filters, filming with a lens cap on the lens, or with lens partly obscured.

Besides simplicity of operation, the Bolex H-16 offers the greatest versatility, and one H-16 camera is all that is necessary for a school to produce any type of motion picture.

TIME LAPSE STUDIES: Time lapse photography has become one of the most valuable motion picture techniques developed. Actions which last hours or days can be filmed with this technique, and then shown within a period of seconds or minutes at a time and place that is convenient for study. Most important, time lapse photography permits studying movements which are too slow to be seen by the naked eye.

Some of its applications are studying the growth of plants, trees, the germination of seeds; microscopic examination of cell growth and behavior of micro-organisms; memomotion studies in industry to evaluate the movements of workers and machines; studying the flow of traffic outside or in plants, warehouses, or offices; the study of natural phenomena, formation and movement of clouds, solar eclipses, tides, shadows; or just to enjoy seeing people or other objects move on the screen at an unnatural rapid pace. The Bolex H-16 camera with its built-in single frame device is designed for all time lapse applications. Various companies offer a wide selection of time lapse units which automatically trip the shutter at intervals from seconds to hours, as set on the time lapse control box.

At any time the number of frames exposed can be seen on the frame counter built into the H-16.

AMATEUR FILMING: Although the Bolex H-16 has been described here for all types of professional applications, it remains the "dream camera" of the amateur.

Fades of professional quality can be produced right in the camera with the variable shutter. For lap dissolves, the variable shutter can be opened and closed automatically with the Rexofader. The film rewind with the built-in frame counter makes double exposures, split frame shots, and superimposed titles easy to do and as accurate as those done in the laboratory. Tricks like these are bound to fascinate any audience.

NATURE STUDIES: This type of motion picture work has some special requirements. Extreme long telephoto lenses are a must, and the three-lens turret with its full lens interchangeability solves this problem. Framing and focusing under these conditions is critical, and only a camera like the H-16 Rex with groundglass focusing while filming can be satisfactory. The Rex version, therefore, should be selected for this purpose. Another feature that makes the H-16 the ideal wildlife camera is the possibility of remote-controlled operation for filming animals without disturbing them. For this purpose, the camera is equipped with the Bolex Unimotor. With extension cords mounted between motor and batteries, starting and stopping the camera can be done from distances up to about 200'.

Camera speeds up to 64 fps permit slow motion studies of birds in flight or other animals.

SCIENCE AND RESEARCH: The tremendous versatility of the H-16 Rex makes it ideal for all types of research analysis from extreme close-ups to extreme telephoto cinematography. The Bolex H-16 combined with a time lapse unit becomes a data recording camera or a research instrument to record phenomena moving too slowly to be detected by the naked eye.

Research instruments must naturally be accurate and reliable. The Bolex cameras made with Swiss watchmaking precision have proven their performance over many years, under most adverse conditions and at tropic and arctic temperatures.

CINEPHOTOMICROGRAPHY: For filming through the microscope, the Bolex H-16 camera is usually equipped with a 50mm or 75mm focal length lens. This arrangement is advantageous in that it does not require any additional optical devices, photographic eyepieces with adjustable lens or mechanical devices to fix the distance between microscope and camera.

Although the groundglass of the H-16 Rex camera is ideal for framing and viewing the specimen, it is recommended that a microscope adapter with its own viewing and focusing arrangement be mounted between camera and microscope. Such a microscope adapter is more than likely equipped with a photoelectric cell to determine correct exposure.

A Bolex motion picture camera presents ways of filming and studying microscopic specimens, not possible in visual observation. A fast-changing specimen can be slowed down





3 or 4 times so that its actions can be studied more accurately. On the other hand, specimens which may take hours to change can be filmed with time lapse cinematography so that the change takes place within seconds.

MEDICAL PHOTOGRAPHY: Close-up photography is predominantly used in the medical field and, therefore, a Rex camera with its accurate focusing and framing possibility should be selected.

Zoom lenses such as the Vario Switar, Pan Cinor, or Angenieux, are ideal for surgical films since going from long shots to close-ups can be accomplished without changing the position of the camera or losing continuity in the surgical procedure.

In other cases, long focal length lenses are a better choice. For dental or eye surgery filming, a Macro Yvar 100 or 150mm, together with a short extension tube, is best since they can cover the desired 2" area from a long distance of 4' to 5'.

Although the Bolex H-16 Rex is a "professional type" camera, its operation is simple and does not require extensive photographic knowledge. A doctor or dentist can easily operate the camera and make his own medical films and, of course, use the camera for pleasure purposes as well.

INDUSTRY: Motion pictures serve industrial firms in many different ways. Promotional films are used to show manufacturing, testing, and research procedure to prospective customers; research departments use motion picture cameras to record on film all types of data and developments; training films are used to acquaint new employees with the correct method of operating a machine, assembling components, or performing other manual skills. Another major application is in the industrial engineering department for work method studies.

The Bolex H-16 is calibrated in speeds from 12 to 64 fps. However, the camera is available on special request and at a slight increase in price with a special dial engraved in 750, 1000, 1500, 2000, 3000, and 4000 frames per minute.

UNDERWATER FILMING: The H-16 is inserted into the Bolex underwater housing, designed for depths down to 330 feet. The Switar 10mm f/1.6 or 16mm f/1.8 are perfect underwater lenses, due to their tremendous covering power. The Bolex underwater case is equipped with its own parallax corrected viewfinder. Winding the spring motor and opening or closing the lens diaphragm can be done from outside the case. No tools are required to lock or remove the camera from case.

ADVERTISING AND PROMOTION: Since advertising and promotion films are usually projected on large screens, quality is a major requirement.

The film transport mechanism and the H-16 lenses are made to the highest degree of perfection and capable of producing 16mm films with a quality equal to those of the most professional studio equipment. The critical sharpness from corner to corner at any f opening, the excellent contrast, the wonderful color rendition in the pictures and the superb picture steadiness will amaze any audience and make a valuable contribution when films are entered in competition.

SOUND FILMS: In most motion pictures, the sound is added in a studio when the film is completely edited. However, in many news, documentary, advertising films, and TV commercials, synchronous sound recordings on location are desired or necessary. For this purpose, the Bolex H-16 is equipped with the constant speed motor, and the recording is made on a 1/4" inch tape recorder. The sync pulse generator in the Bolex constant speed motor records a 60-cycle signal on the tape, thereby assuring perfect lip sync.

TELEVISION COMMERCIALS: Television commercials require special effects cameras, and the Bolex H-16 Rex, equipped with Matte Box, is a true special effects camera.

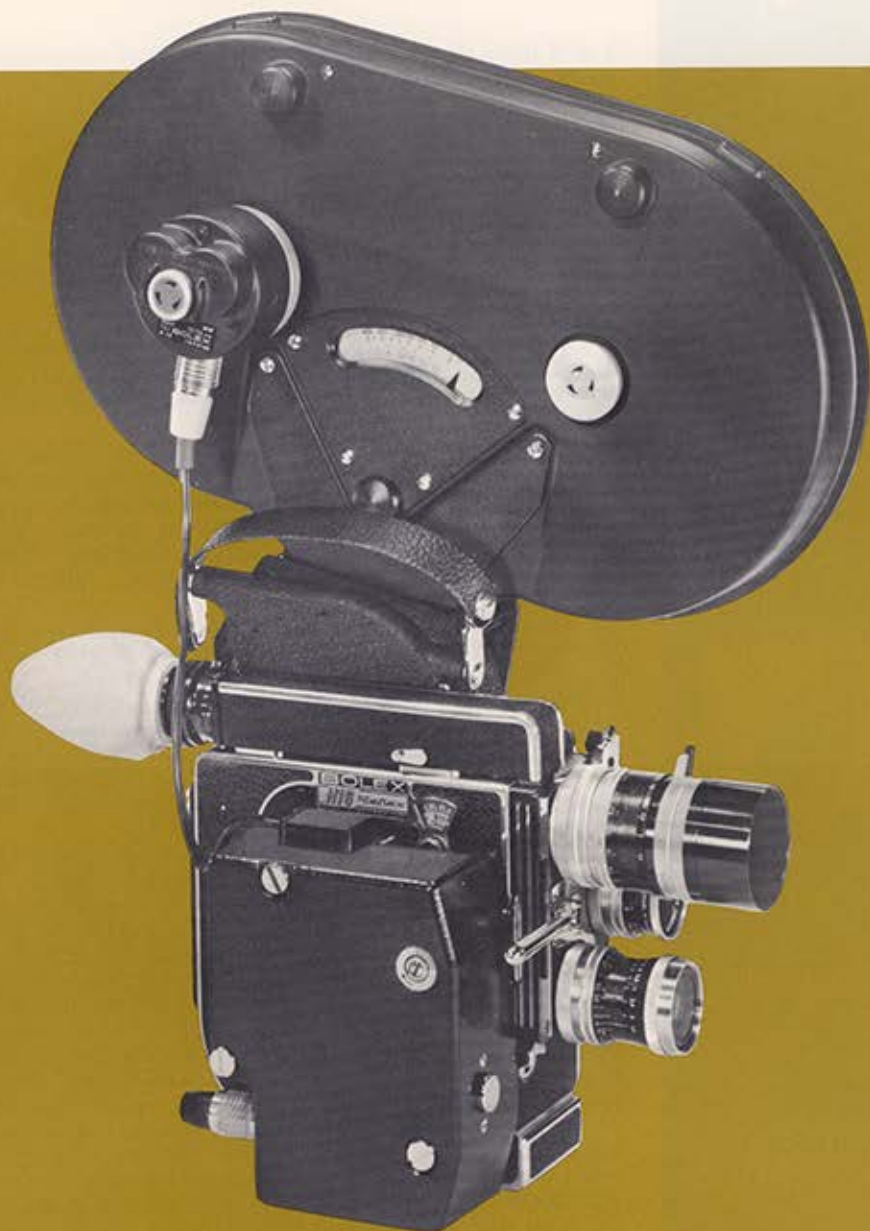
Subjects can be animated and brought to life by single frame filming. Animated drawings can be produced by mounting the camera on the Bolex Super Titler and animation stand which also permits making any type of moving, scrolling, turning, or spinning title. Scenes can be made to dissolve into each other by rewinding the film between the fades. Two or more scenes can be superimposed, each covering the entire or only part of a frame. Titles can be superimposed over actual subjects and moving subjects can be speeded up or slowed down. The imagination of the filmmaker alone sets the limits.

MEMOMOTION AND TRAFFIC STUDIES: Memomotion studies are made for the purpose of finding smoother or more economical ways of traffic or product movement. A motion picture camera makes these studies automatically, and the developed films can be evaluated by an entire group of industrial engineers or traffic experts in the convenience of a projection room. Furthermore, the films can be seen as many times as it is necessary to find a solution to the problem. The economical and easy-to-use Bolex H-16 camera makes such studies feasible in smaller firms or communities not equipped with a special photographic department.

The most frequently used camera speed for memomotion studies is one or two frames per second. For this purpose, the Bolex H-16 camera is connected to a time lapse or memomotion unit which automatically trips the camera shutter at the predetermined speed.

LECTURE FILMS: Lecture films are made anywhere on the globe—from the arctic to the tropics—and for this reason the motion picture camera must be reliable to work in the extreme heat and cold. Bolex H-16 cameras have proven their performance in those situations many times over in the last 35 years. Bolex H-16 cameras are compact and lightweight and can be carried anywhere for candid filming of subjects while they are unaware of being filmed.

Since many lecturers prefer to show the original, the camera must be capable of producing some of the professional effects, such as fades and lap dissolves on the original, which is no problem on the Bolex Rex. Regardless whether the original or the print is shown, the Bolex produces lecture hall picture quality.



THE 400 FOOT BOLEX

Professional electric motor driven
16mm Bolex camera with lightweight
400' film capacity magazine

Available in a version using the H-16 Rex-5 camera or the H-16 M-5 camera, the 400 Foot Bolex camera permits uninterrupted filming for over eleven minutes at 24 f.p.s. Still the unit can be easily handled and weighs only slightly over 12 lbs. An electric grip is available for hand holding the camera. The lightweight 400 Foot magazine can be easily and quickly removed from or attached to the camera by a conveniently located locking hinge and the bayonet fitting accessory takeup motor is instantly interchangeable for all magazines.

The 400 Foot Bolex camera is driven at 24 f.p.s. by a constant speed motor which is powered by a lightweight rechargeable battery pack complete with carrying case and shoulder strap. The constant speed motor is equipped with a sync generator for synchronous double system sound filming in the field or studio.

The 400 Foot Bolex can be used as a 100 Foot capacity camera without the 400 Foot magazine. In this case, a

400' MAGAZINE. This single chamber compact and lightweight magazine mounts quickly on the Bolex H-16 Rex-5 camera. The magazine will take 400 feet of single or double perforated film, plain or striped on standard cores or 200 feet of film on standard 200' reels. The 200' reels can be loaded in daylight. The film on 400' cores must be loaded in a darkroom or changing bags. The large footage counter has two scales—one for 400' cores and one for 200' reels. The magazine is carefully slanted so that it does not interfere with the reflex viewing. Weight: 2 lbs. 13 ozs. Size: 13½" x 8" x 2".



TAKE UP MOTOR. This motor bayonets directly on the magazine eliminating the need for any awkward, trouble-prone drive belt mechanism. Only one motor is necessary regardless of the number of magazines used. The power to drive this small 12V DC motor comes from the rechargeable battery pack through the MST motor. Weight: 8 ozs. Size: 2¼" x 2¼" diameter.

MST MOTOR. This constant speed motor drives the camera at exactly 24 f.p.s. and is equipped with a sync generator. The motor is easily attached to cameras through the one frame shaft and is supplied with a 23" remote control cable. Starting and stopping the motor is by pressing or re-



leasing the large button in front of the motor or by the 23" remote control cable. A light in back of the motor indicates when the motor is running at the correct speed. The motor incorporates an electric automatic claspstick device for synchronization of sound and film. A green signal on the back of the motor indicates the duration of the visual marking of the film. The motor is also equipped with a continuous run lock and with a reverse button for rewinding the film in the 100 foot version of the camera.



RECHARGEABLE BATTERY PACK. This power pack will drive the Bolex constant speed motor for approximately twenty-five 100' rolls of film when fully charged. The battery pack includes a built-in charger and easily visible voltmeter which indicates if the battery pack is in charged or discharged condition. The pack is supplied with two cords—one for attaching to the motor, the other for

charging from an AC outlet. A plug is supplied for connecting a tape recorder. An attractive light grey leather carrying case with shoulder strap comes with the pack.



ELECTRIC CAMERA GRIP. This handsome metal grip is designed for use specifically with the MST motor and is connected by an electric cord. The quick coupling device permits instant mounting and removal or switching camera from grip to tripod. The leather strap can be adjusted for left or right hand operation. Tripod socket on bottom of grip permits mounting on monopod or tripod.

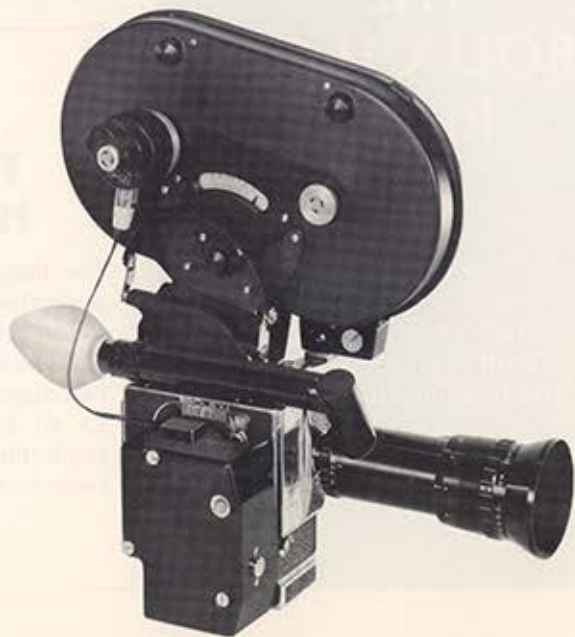
ACCESSORY SHOE FOR H LIGHT-METER. This little adapter mounts on the accessory shoe on the camera where the H lightmeter usually fits. It brings the Bolex H lightmeter to the side of the 400' magazine where its scales are easily visible.

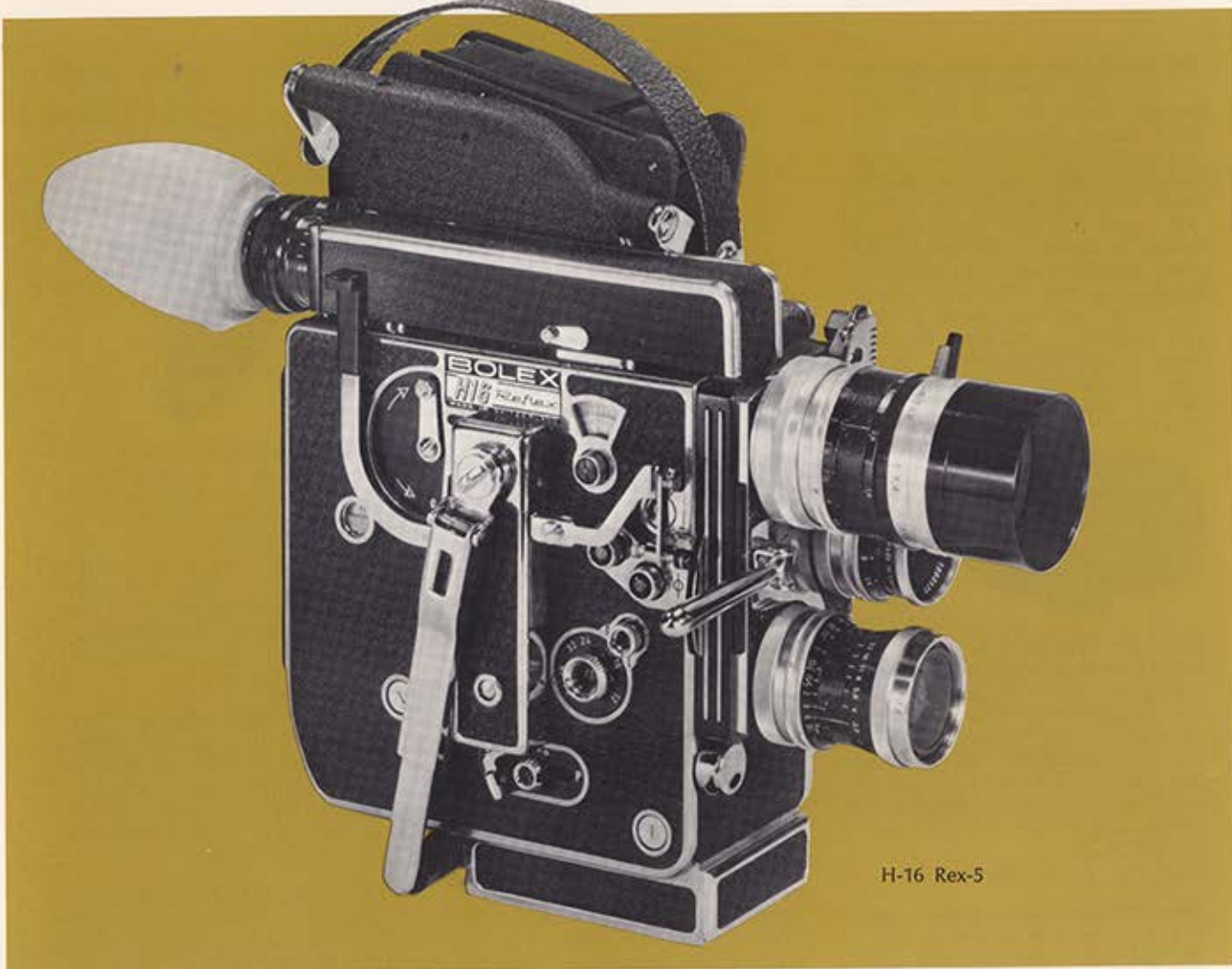
CONNECTING CORD. This cord is used to connect the 12V take-up motor to the constant speed motor. It is connected by a slip ring lock to the take-up motor and is automatically locked to the constant speed motor when inserted. It is released by depressing a small lever on the constant speed motor.

plate covers the film channel opening and the camera can be driven by the constant speed motor, the Unimotor or its own spring-motor for normal filming at speeds from 12 to 64 f.p.s. for single frame shooting, or in the case of the H-16 Rex-5 for producing special effects such as fades and automatic lap dissolves.

When used with the Bolex H 16 Rex-5 camera, the reflex viewing system on the camera permits exact framing and through the lens focusing. The Vario Switar 86EE lens can also be used with this camera giving completely automatic exposure control.

The Bolex H-16 M-5 is the most economical 16mm camera available with a 400 foot film capacity. This unit is ideal for filming situations where a reflex viewing system is not necessary. It also lends itself ideally for use with the Pan Cinor 85-2 lens with its own built-in viewfinder and coincident image rangefinder.





H-16 Rex-5

THE BOLEX H-16 REX-5

For rugged use,
accurate performance,
superb picture quality.
With reflex viewing
and focusing, auto load

The Bolex H-16 Rex-5 offers the ultimate in motion picture camera versatility. It is the ideal camera for use in every phase of photography and is readily adaptable to the needs of every cameraman whether he is professional or amateur. The camera is a masterpiece of mechanical and optical precision and includes these many outstanding features. The H-16 Rex-5 can, of course, also be used with the 400' magazine.

THE BOLEX H-16 REX-4

The Bolex H-16 Rex-4 offers the professional quality and features of the H-16 Rex-5 but is not equipped with the saddle to accept the 400' film magazine. The camera is ideal for all amateur and professional applications where the 100' film capacity is sufficient.



REFLEX VIEWING: A through the lens viewing system with lifesize magnification (through 25mm lens) permits complete control of composition and framing as well as accurate focusing on the ground glass with correct evaluation of depth of field. The prism system provides a bright 10X image magnification without any flicker. The adjustable eyepiece has a diopter correction of +3 to -3 and can be locked in position. A rubber eyepiece is supplied for convenient viewing.

VARIABLE SHUTTER: The variable shutter can be controlled manually or automatically with accessory Rexofader to fade in or fade out or it is used to increase the shutter speed without changing the speed of the camera. When the variable shutter is not fully opened, an orange marker appears in the viewfinder to prevent inadvertent underexposure.

FILM REWIND: The Bolex film rewind is unlimited and, therefore, a full 100' of film can be rewound regardless whether the springmotor in the camera is wound or unwound. Film rewind permits double exposure, superimposition and other special effects. Together with the variable shutter, professional looking lap dissolves can be produced in the camera.

AUTOMATIC THREADING 100'. Film loading of the 100' capacity camera is automatic with single or double perforated film. A safety mechanism insures that the internal controls are correctly positioned before filming. Loop guides assure automatically the proper size loop and are automatically opened when cam-

era lid is put on. Spool ejector facilitates changing of films.

THREE POSITION TURRET: For full lens interchangeability. A turret lever guides the turret to desired lens position. A turret lock is built in for maximum turret stability with telephoto or zoom lenses.

FILTER SLOT: Behind the turret filter slot holds economic gelatin filters. The filter is always in position regardless of which lens is used, and a single set of gelatin filters is sufficient for the whole range of lenses. Four commonly used gelatin filters are supplied with each camera.

VARIABLE SPEEDS: Continuous range of running speeds from 12 to 64 fps for speed-up action, normal filming or slow-motion.

SINGLE FRAME CONTROL: Accurate single frame control for special effects, titling, animation, time lapse and memomotion studies. Time single frame exposure setting for easy synchronization with electronic flash.

CAMERA BASE: For mounting matte box, and firm support on tripod, titler, etc.

COUNTERS: Accurate footage counter works forward and reverse. Resets to 0 automatically when changing film. Frame counter counts individual frames in forward, reverse and single frame filming. Audible scene length signal counts every 8" or 30 frames.

PROFESSIONAL IMAGE QUALITY: Long, highly polished filmgate with lateral spring tension guides and spring balanced pressure plate assure perfect film flatness. Double function Bolex registration claw serves for film transport and film registration assures professional image steadiness. Automatic loop former prevents loss of loop while filming.

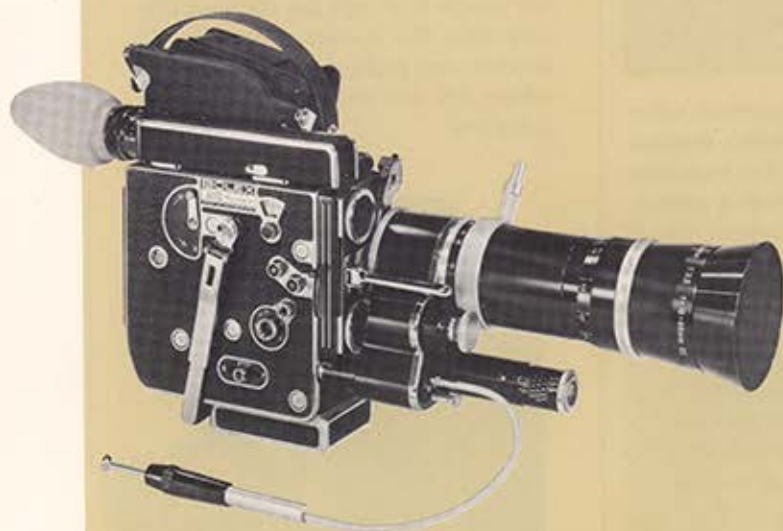
VARIETY OF CAMERA DRIVES: The H-16 Rex-5 has built in governor controlled spring motor with 16½' film run, two external shafts, an 8 frame shaft for fast rewinding and for electric running of camera with Unimotor, one frame shaft for connecting MST motor for constant speed filming at 24 f.p.s. for synchronous double system sound filming and for filming with 400' magazine. Both shafts can also be used for attaching time lapse and animation devices.

SYNCHRONOUS SOUND FILMING: Accessory constant speed motor is equipped with sync pulse generator, which records a 60 cycle sync pulse on ¼ inch tape. Bolex H-16 cameras equipped with constant speed motor can be used for accurate synchronous double system sound recordings.

PROVEN CONSTRUCTION: Rugged camera body and precision mechanism assures reliable operation. Conveniently shaped for hand-held operation with built in carrying strap.

Weight w/o lens: 6 lbs.

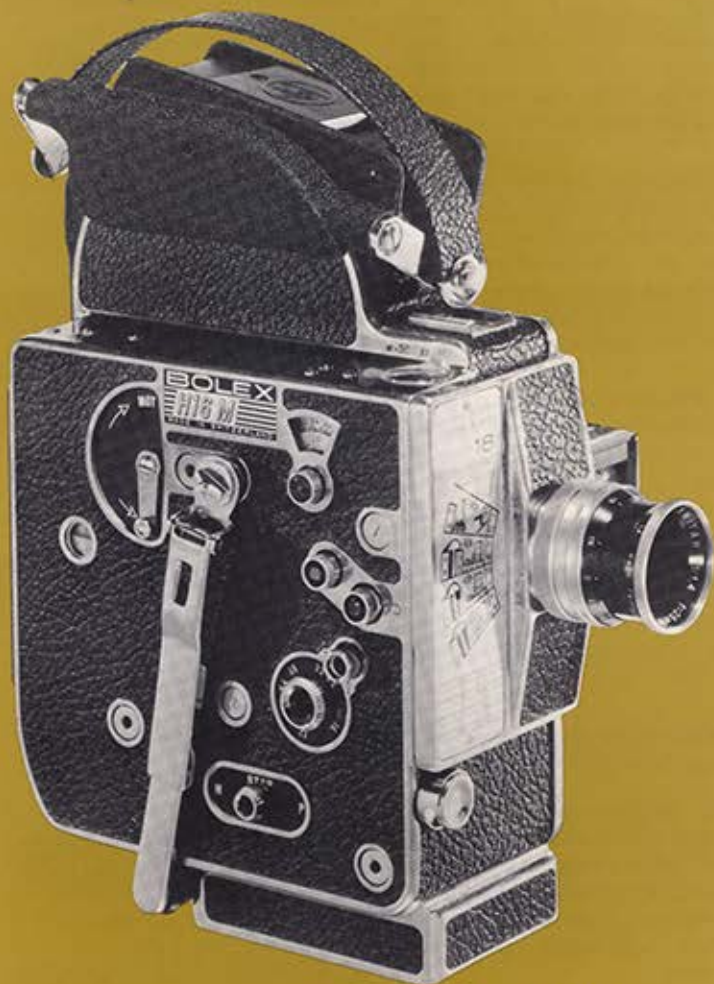
Size of Camera Body: 9" x 6" x 3"



BOLEX FULLY AUTOMATIC 16mm ZOOM REFLEX CAMERA

Switar lenses, long synonymous with the World's top quality optics for motion picture cameras, now include a fully automatic 16mm zoom lens, the Vario Switar 86EE, which combined with a Bolex H-16 Rex model becomes the first automatic 16mm zoom reflex camera, with either 100' or 400' film capacity.

Viewing and focusing are done through the camera's reflex system and an automatic pre-set diaphragm arrangement permits focusing with diaphragm fully opened. Sensitive cadmium sulphide photo resistor with a narrow measuring angle is made for film sensitivities from 10 to 400 ASA at camera speeds from 12 to 64 fps. Manual diaphragm setting and controlled automation by limiting diaphragm movement provide the most versatile exposure system. Zoom range: 18 to 86mm. Maximum aperture f/2.5, minimum aperture f/16. Filter size: Series VIII. Weight with H-16 Rex-5, 8½ lbs. Vario Switar 86EE can easily be removed for use of other lenses.



H-16 M-5

The Bolex H-16 M-5 is a 100' capacity single lens camera without reflex viewing, variable shutter and filter slot but with all the other features and the professional quality and performance of the Bolex Rex including the possibility of using the 400' magazine. Viewing is through a removable multifocal viewfinder mounted on the side of the camera which can be adjusted for parallax error. It is adjustable for lenses from 10mm to 150mm. The camera can be equipped with standard "C" mount fixed focal length lenses or zoom lenses.

The low priced H-16 M is ideal for all applications where reflex viewing, variable shutter and filter slot are not necessary—for filming with zoom lenses where reflex viewing and focusing is done through the lens' viewfinder and for special applications where a camera must be an integral part of a system such as monitoring bank transactions, recording periodic industrial data systematically, routinely photographing groups for census purposes and many more uses. For information regarding a particular application write to Bolex Technical Service, Paillard Inc., 1900 Lower Road, Linden, New Jersey 07036.

THE BOLEX H-16 M-5

○
Ideal economic camera
for school, industry
and special applications

BOLEX H-16 M-4

The Bolex H-16 M-4 offers the professional qualities and features of the H-16 M-5 but is not equipped with the saddle to accept the 400 foot film magazine. The camera is ideal for all amateur and professional applications where the 100 foot film capacity is sufficient.



CHOICE OF FILM CAPACITY: The Bolex H-16 M-5 can be used as a 100' or a 400' capacity camera. The 400' magazines can be added at any time without any further modification of the camera. The 400' magazines are easily and quickly removed from, or attached to, the camera. With the 400' magazine, the camera is driven by the MST constant speed motor. As a 100' capacity camera, the camera can be driven by the MST constant speed motor, the Unimotor, or the camera's own spring motor, thereby permitting a full range of filming speeds, single frame filming, and other special effects.

FILM REWIND: The Bolex film rewind is unlimited and therefore a full 100' of film can be rewound regardless whether the springmotor in the camera is wound or unwound. Film rewind permits double exposure, superimposition and other special effects. Together with the variable shutter, professional looking lap dissolves can be produced in the camera.

AUTOMATIC THREADING 100'. Film loading is automatic with single or double perforated film. A safety mechanism insures that the internal controls are correctly positioned before filming. Loop guides assure automatically the proper size loop and are automatically opened

when camera lid is put on. Spool ejector facilitates changing of film.

VARIABLE SPEEDS: Continuous range of running speeds from 12 to 64 fps for speed-up action, normal filming or slow-motion.

SINGLE FRAME CONTROL: Accurate single frame control for special effects, titling, animation, time lapse and motion studies. Time single frame exposure setting for easy synchronization with electronic flash.

CAMERA BASE: For mounting matte box, and firm support on tripod, titler, etc.

COUNTERS: Accurate footage counter works forward and reverse. Resets to 0 automatically when changing film. Frame counter counts individual frames in forward, reverse and single frame filming. Audible scene length signal counts every 8" or 30 frames.

PROFESSIONAL IMAGE QUALITY: Long, highly polished filmgate with lateral spring tension guides and spring balanced pressure plate assure perfect film flatness. Double function Bolex registration claw serves for film transport and film registration assures professional image steadiness. Automatic loop former prevents loss of loop while filming.

VARIETY OF CAMERA DRIVES: The H-16 M-5 has built in governor controlled spring motor with 16½' film run, two external shafts, an 8 frame shaft for fast rewinding and for electric running of camera with Unimotor, one frame shaft for connecting MST motor for constant speed filming at 24 f.p.s. for synchronous double system sound filming and for filming with 400' magazine. Both shafts can also be used for attaching time lapse and animation devices.

SYNCHRONOUS SOUND FILMING: Accessory constant speed motor is equipped with sync pulse generator, which records a 60 cycle sync pulse on ¼ inch tape. Bolex H-16 cameras equipped with constant speed motor can be used for accurate synchronous double system sound recordings.

PROVEN CONSTRUCTION: Rugged camera body and precision mechanism assures reliable operation. Conveniently shaped for hand-held operation with built in carrying strap.

Weight w/o lens: 6 lbs.

Size of Camera Body: 9" x 6" x 3"

BOLEX "ASSISTANT COACH"

The Bolex "Assistant Coach": The H-16 M-5 camera/Pan Cinor 85-2 zoom lens combination has been aptly named the "Bolex Assistant Coach" because with its bright reflex viewing system and vast optical possibilities, it is the ideal equipment for filming football games and other sports events; thus permitting the sports coach to analyze and review a game step by step on film. Exclusive auto spool-ejection and self-threading feature and more, permit easy and swift camera loading which prevents the loss of valuable action footage.





BOLEX 16mm LENSES

Bolex 16mm lenses are available to suit every need. A Bolex high precision camera must be equipped with high quality lenses so that the images on the film will be absolutely clear, brilliant and sharp. Kern-Paillard Swiss lenses and Cinor and Angenieux lenses attain this standard throughout an extremely wide range of focal lengths for every conceivable requirement.

Among the unique features are the automatic depth of field scales. Visifocus type shows the range of sharpness clearly by means of brightly colored dots which flash up as the diaphragm ring is turned. On the compass scale, the depth of field is indicated automatically by means of a curved line.

A new approach in lens design is incorporated in the Macro-Switar 50mm f/1.4. This lens has a pre-set diaphragm arrangement that permits closing the diaphragm to the pre-set opening without removing the eye from the camera's reflex finder.

The Macro-Switar 50mm as well as the Macro-Yvar 100mm & 150mm have, furthermore, a built-in Macro extension which permits close-up shots without additional accessories.

Fixed focal length lenses have the advantages of large aperture, extreme close focusing, greatest variety of focal lengths, and maximum compactness. In addition to the fixed focal length lenses, zoom lenses are available for the H-16 cameras.

Zoom lenses permit going from a long shot to a close-up and vice versa without having to stop the camera in order to switch lenses or camera position. They are, therefore, ideal for filming actions, motions, sports.

LENSES FOR H-16 REX CAMERAS

Bolex H-16 Rex cameras have a "C" thread with a standard lens seat to film plane distance of .690", and all "C" mount lenses, therefore, focus properly. However, due to the glass prism between lens and film, the optical characteristics of some lenses are changed to a degree where

the contrast and picture sharpness are no longer satisfactory. To overcome this and be assured of professional picture quality, special lenses in focal lengths from 10mm to 50mm have been designed for the H-16 cameras with reflex viewing. These special lenses are engraved Rx to distinguish them from regular "C" mount lenses.

The Vario Switar 86EE, Angenieux 120 and 95 w/o finder are optically also specially designed for the H-16 cameras with reflex viewing. These special Rx lenses should not be used on other cameras since they will not provide satisfactory quality.

In addition to these special Rx lenses, H-16 Rex cameras can be equipped with the Pan Cinor Zoom lenses and the regular "C" mount Switar and Yvar lenses in focal lengths above 50mm, which are interchangeable among the various H-16 models.

"C" mount lenses can also be used on other makes of 16mm "C" mount cameras.

16mm ZOOM LENSES

A wide selection of zoom lenses are available to cover every possible need which a Bolex cameraman may require. Pan Cinor, Vario-Switar and Angenieux zoom lenses are made to the same high quality standards as the Bolex camera itself. The design and workmanship form the basis of the precision optical system that insures excellent image sharpness and constant focus at all focal lengths even when shooting at maximum aperture.

The prime advantage of a zoom lens is the ease in going from one focal length to another without having to stop the camera. In addition, with a zoom lens there is always the possibility of zooming in on or away from a subject for special effects or the possibility of following action always keeping the subject the same size on the screen.

Because zoom lenses are usually larger and heavier than fixed focal length lenses, it is recommended to lock the turret of the camera by means of the built-in turret lock. The zoom lenses are supplied with sunshades and various filters are available. Closeup accessories are also available for the lenses.

AVAILABLE LENSES

Name	Focal Length	Max. Apert.	Min. Apert.	Min. Foc.	Usable On		Filt. Size
					Rex	M	
Switar 10mm f/1.6	10mm	f/1.6	f/22	8"		X	VI
Switar 10mm f/1.6 RX	10mm	f/1.6	f/22	8"	X		VI
Switar 16mm f/1.8	16mm	f/1.8	f/22	8"		X	V
Switar 16mm f/1.8 RX	16mm	f/1.8	f/22	8"	X		V
Cinor 16mm f/2.8	16mm	f/2.8	f/22	1'		X	5.5
Switar 25mm f/1.4	25mm	f/1.4	f/22	1½'		X	V
Switar 25mm f/1.4 RX	25mm	f/1.4	f/22	1½'	X		V
Cinor 25mm f/1.8	25mm	f/1.8	f/22	1½'	X	X	5.5
Marco Switar 50mm f/1.4	50mm	f/1.4	f/22	15"	X		VI
Switar 75mm f/1.9	75mm	f/1.9	f/22	5'	X	X	VI
Yvar 75mm f/2.8	75mm	f/2.8	f/22	5'	X	X	V
Marco Yvar 100mm f/2.8	100mm	f/2.8	f/22	4'	X	X	V
Macro Yvar 150mm f/3.3	150mm	f/3.3	f/32	6'	X	X	VI
Vario Switar 86EE F/2.5	18-86mm	f/2.5	f/16	5¼"	X		VIII
Pan Cinor 85-2 F/2.0	17-85mm	f/2.0	f/16	6'	X	X	VIII
Pan Cinor 85 compact F/3.8	17-85mm	f/3.8	f/22	3½'	X		VII
Angenieux 95 f/2.2 w/viewfinder	9.5-95mm	f/2.2	f/22	29"		X	Special 103.5mm
Angenieux 95 f/2.2 w/o viewfinder	9.5-95mm	f/2.2	f/22	29"	X		Special 103.5mm
Angenieux 120 f/2.2 w/viewfinder	12-120mm	f/2.2	f/22	5'		X	IX
Angenieux 120 f/2.2 w/o viewfinder	12-120mm	f/2.2	f/22	5'	X		IX

Note: All lenses listed in column "M" can also be used on other Bolex non-reflex models as well as on other makes of 16mm "C" mount cameras.

SWITAR 10mm (5/8") f/1.6 "C" MT. & Rx

Angle of View	52° x 38°
Min. Focusing Distance	8"
Area Covered at Min. Focusing Distance	5" x 7"
Min. Diaphragm Setting	f/22
Depth of Field Scale	Visifocus
Length at Infinity	1 7/8"
Front Outside Diameter	35mm
Weight	6 oz.
Filtersize	VI with filter adapter #502

**SWITAR 16mm (5/8") f/1.8 "C" MT. & Rx**

Angle of View	34° x 25°
Min. Focusing Distance	8"
Area Covered at Min. Focusing Distance	3" x 4"
Min. Diaphragm Setting	f/22
Depth of Field Scale	Visifocus
Length at Infinity	1 1/4"
Front Outside Diameter	35mm
Weight	5 oz.

**CINOR 16mm (5/8") f/2.8**

Angle of View	34° x 25°
Min. Focusing Distance	1'
Area Covered at Min. Focusing Distance	4 3/4" x 6 1/2"
Minimum Diaphragm Setting	f/22
Depth of Field Scale	Engraved
Length at Infinity	1 1/2"
Front Outside Diameter	39.5mm
Weight	4 oz.
Filtersize	5.5 drop in

**SWITAR 25mm (1") f/1.4 "C" MT. & Rx**

Angle of View	22° x 16°
Min. Focusing Distance	1 1/2'
Area Covered at Min. Focusing Distance	4 1/2" x 6"
Min. Diaphragm Setting	f/22
Depth of Field Scale	Visifocus or compass
Length at Infinity	1 7/8"
Front Outside Diameter	35mm
Weight	5 oz.

**CINOR 25mm (1") f/1.8**

Angle of View	22° x 16°
Min. Focusing Distance	1 1/2'
Area Covered at Min. Focusing Distance	4 1/2" x 6"
Min. Diaphragm Setting	f/22
Depth of Field Scale	Engraved
Length at Infinity	2 1/2"
Front Outside Diameter	39.5mm
Weight	6 oz.
Filtersize	5.5 drop in

**MACRO-SWITAR 50mm (2") f/1.4 Rx**

Angle of View	11° x 8°
Min. Focusing Distance	15"
Area Covered at Min. Focusing Distance	1 7/8" x 1 3/8"
Min. Diaphragm Setting	f/22
Depth of Field Scale	Visifocus
Length at Infinity	3 1/8"
Front Outside Diameter	46mm
Weight	9 oz.
Filtersize	VI drop in





SWITAR 75mm (3") f/1.9

Angle of View	7° x 5°
Min. Focusing Distance	5'
Area Covered at Min. Focusing Distance	5½" x 8½"
Min. Diaphragm Setting	f/22
Depth of Field Scale	Visifocus
Length at Infinity	3½"
Front Outside Diameter	43.5mm
Weight	8 oz.

YVAR 75mm (3") f/2.8

Angle of View	7° x 5°
Min. Focusing Distance	5'
Area Covered at Min. Focusing Distance	5½" x 8"
Min. Diaphragm Setting	f/22
Depth of Field Scale	Visifocus
Length at Infinity	3¾"
Front Outside Diameter	33mm
Weight	5 oz.



MACRO-YVAR 100mm (4") f/2.8

Angle of View	5½° x 4°	Depth of Field Scale	Visifocus
Min. Focusing Distance	4'	Length at Infinity	5¾"
Area Covered at Min. Focusing Distance	3" x 4"	Front Outside Diameter	33.5mm
Focusing Distance	3" x 4"	Weight	6 oz.
Min. Diaphragm Setting	f/22	Filtersize	V drop in



MACRO-YVAR 150mm (6") f/3.3

Angle of View	$3\frac{1}{2}^{\circ} \times 2\frac{1}{2}^{\circ}$	Depth of Field Scale	Visifocus
Min. Focusing Distance	6'	Length at Infinity	8"
Area Covered at Min. Focusing Distance	$3'' \times 4''$	Front Outside Diameter	43.5mm
Min. Diaphragm Setting	f/32	Weight	12 oz.
		Filtersize	VI drop in

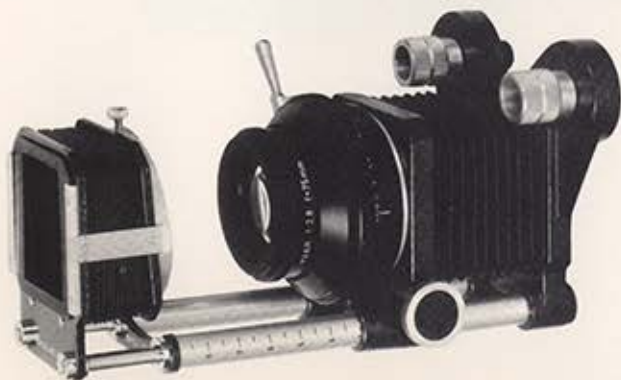
16mm EXTENSION TUBES. For extreme close-up filming with fixed focal length lenses from 25mm to 150mm focal length. Permit covering areas as small as $5/16''$. Can be used on all Bolex H-16 and other 16mm C-mount cameras. Set consists of 4 tubes: 5, 10, 20, and 40mm long.



BOLEX BELLOWS EXTENSION UNIT. When using this accessory with Bolex H-16 Rex cameras, filming with continuous focusing from infinity to lifesize 1:1 magnification is possible without the need to remove or change any part of the camera or lens. The unit mounts quickly to the camera by two turret screws. Focusing is controlled by a pre-

cision geared control knob. Equipped with a diaphragm pre-selector lever, 5" long engraved optical bench showing bellows extension and the necessary exposure increase. Supplied with special Yvar 75mm lens adapters to use Switar 25mm lenses and bellows sunshade.

Weight: 1 lb. 5 ozs. Length: 6" Bellows: 2" square.





ANGENIEUX 95

9.5 to 95mm zooming range



Angenieux 95 with viewfinder



Angenieux 95 without viewfinder

The Angenieux 95 with viewfinder is designed for "C" mount cameras and is recommended for use with the H-16 M camera. The viewfinder of the lens fits over the top of the Bolex H cameras forming a compact lens and camera combination. The viewfinder has a center ground glass for focusing. Slow, smooth zooming with built in geared crank. Fast zooming with 1" zoom lever. Lens supplied in velvet-lined storage case.

The Angenieux 95 without viewfinder is optically corrected for the Bolex H-16 Rex cameras. Specifications are the same as for the lens with the viewfinder except that focusing is done through the reflex viewing system of the camera and no viewfinder is necessary.

Focal length range	9.5-95mm (10:1 ratio)
Minimum aperture	f/22
Maximum aperture	f/2.2
Field of view	7½° to 68°
Minimum focusing distance	30"
Area covered at 30" in	
9.5mm position	28" x 21"
Area covered at 30" in	
95mm position	2½" x 2"
Length at infinity w/sunshade	9"
Length at infinity w/o sunshade	8½"
Weight w/VF	3½ lbs.
Weight w/o VF	2¾ lbs.
Filtersize	special 103.5mm



ANGENIEUX 120

12-120mm zooming range



Angenieux 120 without viewfinder



Angenieux 120 with viewfinder

The Angenieux 120 with viewfinder is designed for "C" mount cameras and is recommended for use with the H-16 M cameras. The viewfinder of the lens fits over the top of the Bolex H cameras forming a compact lens and camera combination. The viewfinder has a center ground glass for focusing. Slow, smooth zooming with built in geared crank. Fast zooming with 1" zoom lever. Lens supplied in velvet-lined storage case.

The Angenieux 120 without viewfinder is optically corrected for the Bolex H-16 Rex cameras. Specifications are the same as for the lens with the viewfinder except that focusing is done through the reflex viewing system of the camera and no viewfinder is necessary.

Focal length range	12-120mm (10:1 ratio)
Minimum aperture	f/22
Maximum aperture	f/2.2
Field of view	6° to 56°
Minimum focusing distance	5'
Area covered at 5' in 12mm position	36" x 27"
Area covered at 5' in 120mm position	3¾" x 2¾"
Length at infinity w/sunshade	8¾"
Length at infinity w/o sunshade	7¾"
Weight w/VF	1¾ lbs.
Weight w/o VF	2 lbs. 6 oz.
Filtersize	Series IX

ACCESSORIES FOR ANGENIEUX 120

Close-up Attachment (1.55m - 0.85m) f/Angenieux 120: For distance from 34" to 61". Area coverage at min. distance: 2" x 1½" in teleposition, 20" x 15" in wide angle.

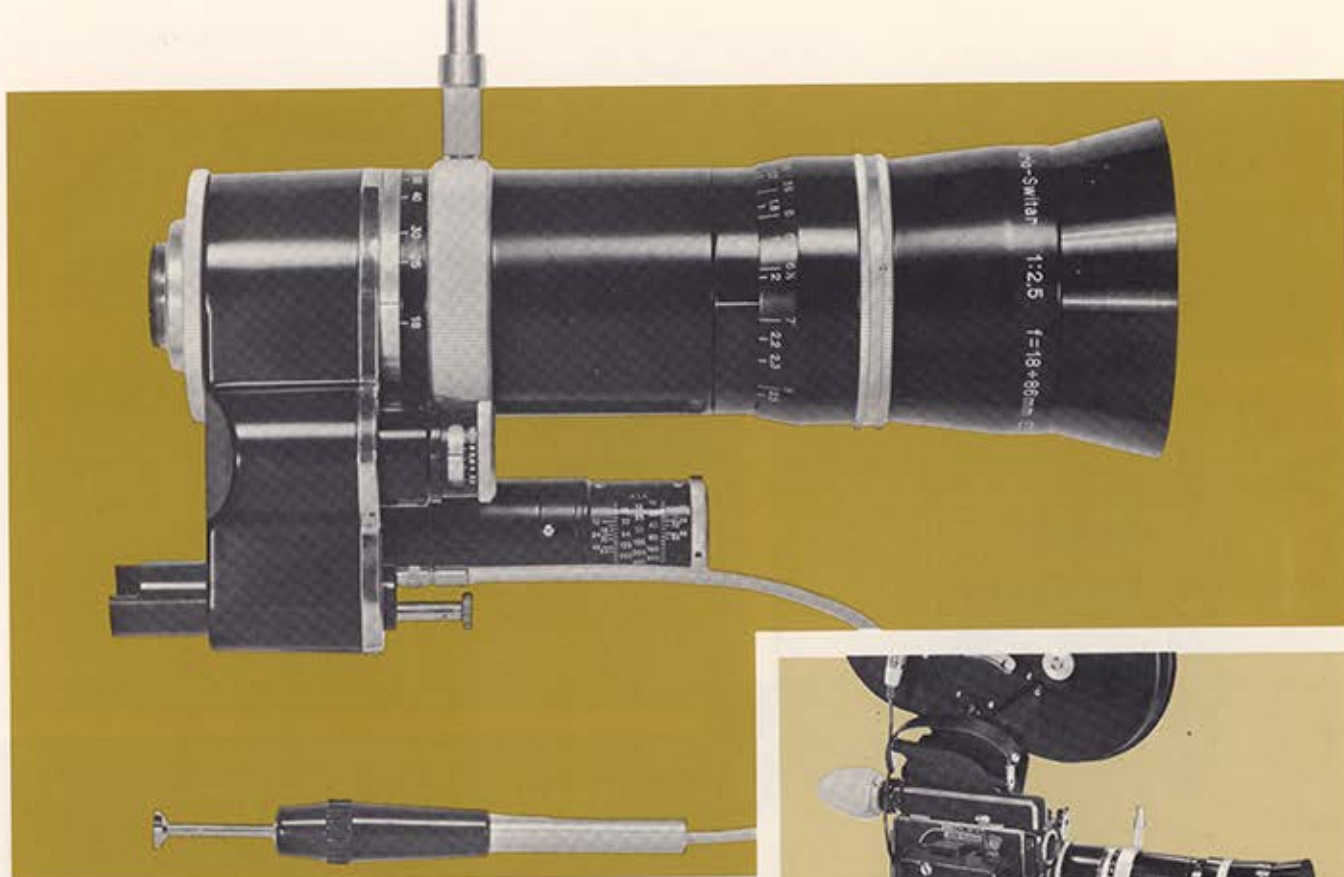


Close-up Attachment (0.87m - 0.65m) f/Angenieux 120: For distance from 26" to 34". Area coverage at min. distance: 1¼" x 1" in teleposition, 12" x 9" in wide angle.



UV Filter f/Angenieux 120: For distance shots and color filming in shaded areas.





VARIO SWITAR 86EE

18-86mm zoom lens
with automatic exposure control

Vario Switar 86EE: The first and only automatic 16mm zoom lens is equipped with a sensitive cadmium sulphide photo resistor with a measuring angle of about 20° made for film sensitivities from 10 to 400ASA at camera speeds from 12 to 64 fps. Manual diaphragm setting and controlled automation by limiting diaphragm movement provide the most versatile exposure system.

Maximum optical correction designed into the Vario Switar 86 offers perfect quality at all focal lengths between 18 and 86mm. The Vario Switar 86EE is designed specifically for use with Bolex H-16 Rex cameras.

Automatic pre-set diaphragm arrangement opens lens diaphragm for focusing and returns it to the pre-set aperture before exposure. For convenience pre-set aperture control and release mechanism is combined with zooming lever.

The Vario Switar 86EE/Rex camera combination offers convenience, simplicity, high accuracy of exposure and has become invaluable for time lapse photography be-

cause it adjusts itself automatically to prevailing light conditions (change between morning, noon or evening, cloudy or bright days, also for indoor work). It can be left unattended except for film reload, yet it will produce automatically, perfectly exposed films at all times.

Focal length range	18-86mm
Minimum aperture	f/16
Maximum aperture	f/2.5
Field of View	6½° to 30°
Minimum focusing distance	5¼'
Area covered at 5¼' in 18mm position	27" x 19½"
Area covered at 5¼' in 86mm position	5½" x 4"
Length at infinity w/sunshade	8¾"
Length at infinity w/o sunshade	7¾"
Weight	2½ lbs.
Filtersize	Series VIII

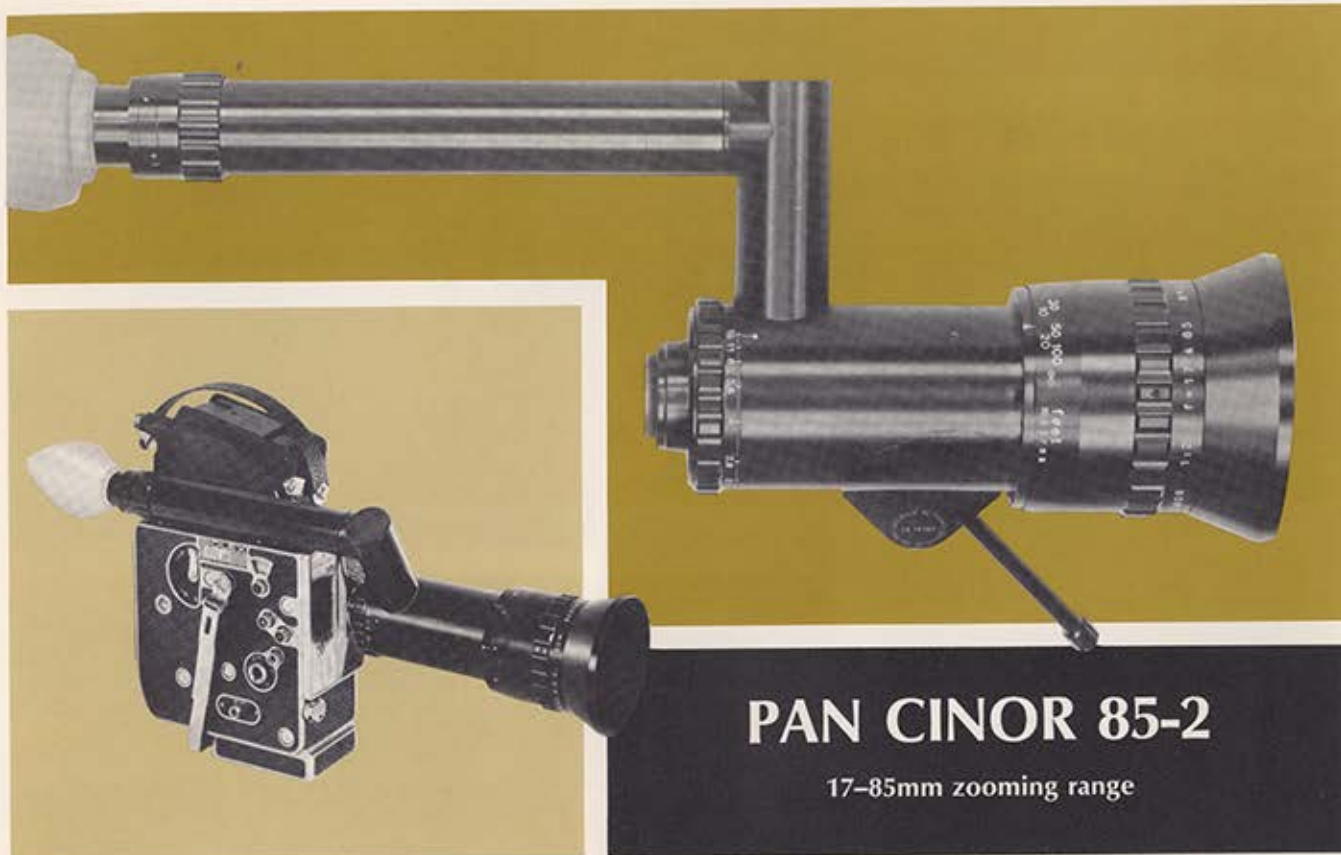
ACCESSORIES FOR VARIO SWITAR 86EE

Close-up Attachment A f/Vario Switar 86EE (1.6m-5¼ ft.): For distances from 3½' to 6'. Area coverage at min. distance 2¾" x 2" in teleposition and 13½" x 10" in wide angle. (Shown)



Close-up Attachment B f/Vario Switar 86EE (0.8m-3 ft.): For distances from 2¾' to 3¾'. Area coverage at min. distance 1⅞" x 1⅞" in teleposition, 9" x 6½" in wide angle.

#417 Cable release: Permits coupling of Bolex H grip, lens and camera.



PAN CINOR 85-2

17-85mm zooming range

Pan Cinor 85-2: For use with all 16mm Bolex and other "C" mount cameras. The Pan Cinor 85-2 is supplied with its own reflex viewfinder with adjustable eyepiece and eyecup. The brightness of the finder image does not change when stopping down the lens diaphragm and provides ideal viewing in all lighting conditions. A coincident image rangefinder aids in focusing. When used on the non-reflex Bolex H-16 cameras, the viewfinder can be placed over the top to form a compact 16mm zoom camera. On the H-16 Rex, the finder is placed at a 45° angle to the side.

The Bolex "Assistant Coach": The H-16 M camera / Pan Cinor 85-2 zoom lens combination has been aptly named the "Bolex Assistant Coach" because with its bright reflex viewing system and vast optical possibilities, it is the ideal equipment for filming football games and other sports events; thus permitting the sports coach to analyze and review a game step by step on film. Exclusive auto spool ejection and self-threading feature and more, permit easy

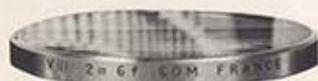
and swift camera loading which prevents the loss of valuable action footage.

Pan Cinor 85-2 for Auricon cameras: A "C" mount version with same specifications as regular Pan Cinor. Viewfinder, however, is about 2" further away from the lens to permit convenient viewing with Auricon cameras.

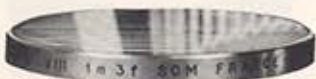
Focal length range	17-85mm
Minimum aperture	f/16
Maximum aperture	f/2
Field of View	6½° to 32°
Minimum focusing distance	6'
Area covered at 6' in 17mm position	33" x 25"
Area covered at 6' in 85mm position	6½" x 5"
Length at infinity with sunshade	8"
Length at infinity w/o sunshade	7"
Weight	2¼ lbs.
Filtersize	Series VIII

ACCESSORIES FOR PAN CINOR 85-2

Close-up #III (2m-6 ft.) f/Pan Cinor 85, 70 and 100: For distances from 39" to 6½'. Area coverage at min. distance 3½" x 2½" in teleposition, 17" x 12½" in wide angle.

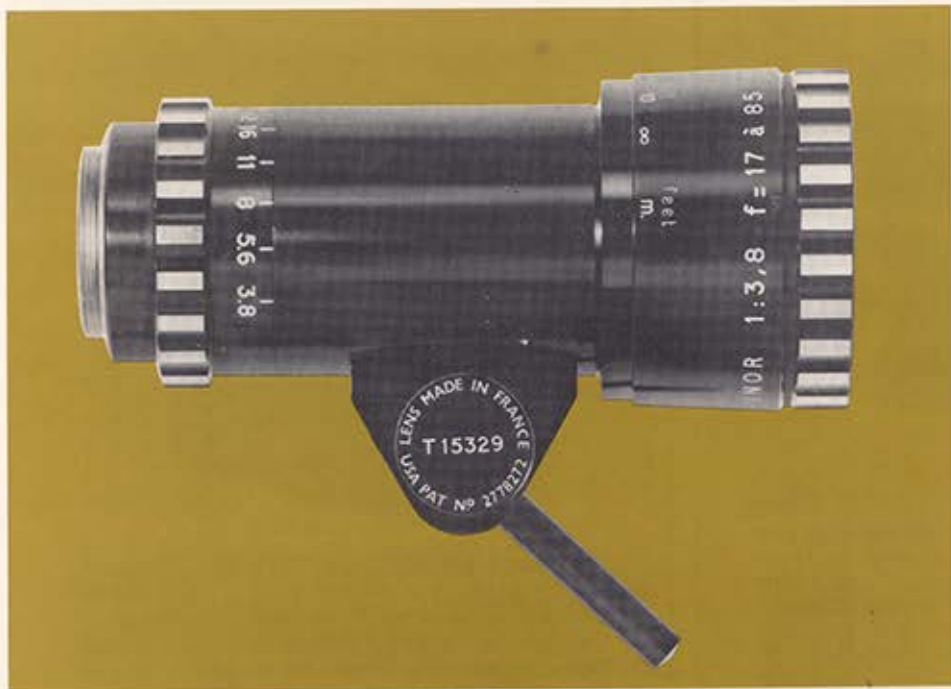


Close-up #IV (1m-3 ft.) f/Pan Cinor 85, 70 and 100: For distances from 30" to 44". Area coverage at min. distance 2¼" x 1¾" in teleposition, 11½" x 8½" in wide angle.



Filter Adapter f/Pan Cinor 85: Permits using 2 filters or one filter and one close-up lens on Pan Cinor 85, 70 or 100.





PAN CINOR 85 COMPACT

17-85mm zooming range

Pan Cinor 85 Compact. This lightweight lens is designed in a compact fashion to permit mounting it on the turret of Bolex H-16 Rex cameras in combination with regular lenses, including the Switar 10mm f/1.6. This lens permits combining the advantages of a zoom and turret camera. The filmmaker has a choice of using a zoom or regular lens by simply rotating the turret. The recommended lens combination is: Switar 10mm or 16mm wide angle, standard 25mm and Pan Cinor 85 Compact. The regular lenses would be used when larger diaphragm openings are necessary (up to f/1.4) when extremely large areas are to be covered, requiring the 10mm extreme wide angle. The Pan Cinor 85 Compact can also be used alone, thereby forming a compact 16mm zoom camera, weighing 6¾ lbs. Pan Cinor 85 Compact is designed specially for H-16 Reflex cameras and is supplied without finder.

Focal length Range	17-85mm
Minimum Aperture	f/22
Maximum Aperture	f/3.8
Field of View	6½° to 32°
Minimum Focusing Distance	3½'
Area covered at 3½' in 17mm position	19" x 14"
Area covered at 3½' in 85mm position	3¾" x 2¾"
Length at Infinity with sunshade	5¼"
Length at Infinity w/o sunshade	3¾"
Weight	10 oz.
Filtersize	Series VII

ACCESSORIES FOR PAN CINOR 85 COMPACT

Close-up Lens #563 for Pan Cinor 85 Compact (VII-1m-3 ft.): For filming at distances from 24" to 43". Area coverage at min. distance: 1¾" x 1¾" in telephoto position; 9½" x 7" in wide angle.

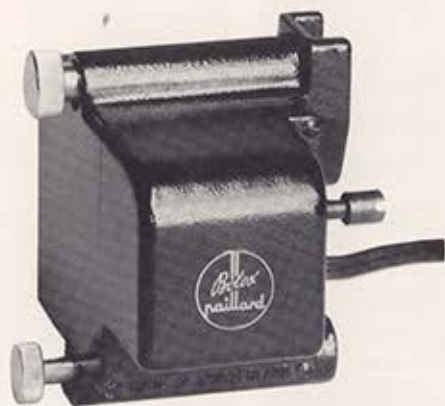


Macro Zoom Attachment for Pan Cinor 85 Compact (1¾" diameter): A specially designed close-up lens unit that permits lifesize close-ups without loss of sharpness. Mounts in front of Pan Cinor 85 Compact. Area coverage, 5/16" x ¼" in telephoto position; 1½" x 1½" in wide angle.



Hyper Pan 0.8x.: Zoom lens converter mounts in front of Pan Cinor 85 Compact. Changes focal lengths to 13.5mm-63mm, thereby providing new wide angle capabilities while retaining the 5:1 zoom ratio. Supplied with leatherette case.





BOLEX UNIMOTOR: The Bolex Unimotor enables filming an entire 100-foot reel of film without stopping and is, therefore, the ideal accessory whenever long sequences have to be filmed. It also enables remote operation of the Bolex H camera when it is desired or necessary for the operator to be away from the camera. (Wildlife, for example.) Mounts on the side of all H-16 cameras and drives cameras through the rewind shaft by means of a flexible shaft at speeds from 12 to 32 fps. Motor can be operated from batteries or AC current by means of the Bolex Transformer. Due to a new built-in clutch, motor can not only be operated by means of an electrical switch on motor or extension cord, but also with the camera release button eliminating slow starts and blank frames. The running speed of the camera is adjusted on the speed dial as for filming with the spring motor. Depending on the speed, the Unimotor is connected to 2 to 5 regular 6V 0.5 dry-cell batteries. Set of batteries should last for 10,000 feet of film if used within a relatively short time.

Weight: Motor only, 1 lb., 6 oz.

Size: Motor only, 3 1/2" x 3" x 2 1/2"



BOLEX UNIMOTOR B: This new motor can be used to drive the take-up motor of the 400' magazine and take the place of the MST Constant Speed Motor. The motor can also be locked for running the camera continuously and can be driven in reverse to rewind 100' spools of film in the camera.

BATTERY CARRYING CASE B: This leather carrying case will hold eight six volt dry cell batteries. The 100' version of the camera can be driven with five batteries, but eight are necessary to drive the take-up motor of the 400' magazine.



UNIMOTOR BATTERY CASE: Holds up to 5 batteries and Unimotor. With terminal plate to which the batteries are pre-connected. For use, the Unimotor is simply connected as the clearly marked sockets on the plate. Brown leather with shoulder carrying strap.

Size: 8 1/2" x 5 1/2" x 5 1/2"

Weight: Case with 4 batteries: 7 1/2 lbs.

Case with 5 batteries: 9 lbs.

Five 6 volt dry cell batteries (Eveready #510S) for battery case with terminal plate

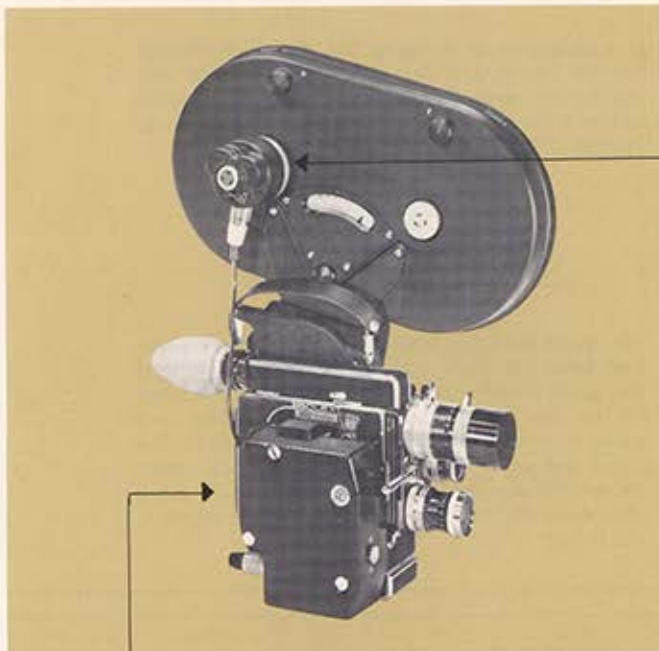


THE BOLEX TRANSFORMER: The Bolex Unimotor can also be operated on AC current from 90 to 300V, 50 or 60 cycles, by means of the Bolex Transformer (output maximum 0.6A). It drives the H-16 cameras at speeds from 12 to 32 fps.

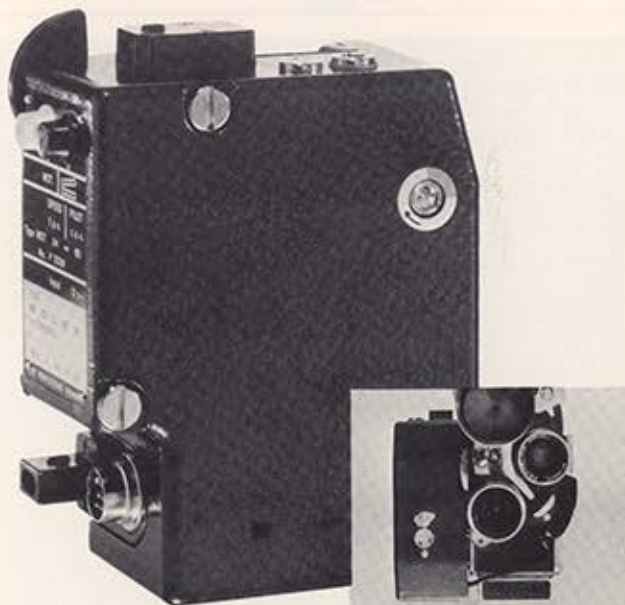
Weight: 1 lb., 8 oz.

Size: 3 3/4" x 3" x 2 1/2"





MST MOTOR: This constant speed motor drives the camera at exactly 24 f.p.s. and is equipped with a sync generator for synchronous double system sound recordings in the studio or field. The motor is easily attached to cameras with the one frame shaft and is supplied with a 23" remote control cable. Starting and stopping the motor is by pressing or releasing the large button in front of the motor or by the 23" remote cable. A light in back of the motor indicates when the motor is running at the correct speed. The motor incorporates an electric automatic clap-stick device for synchronization of sound and film. A green signal on the back of the motor indicates the duration of the visual marking of the film. The motor is also equipped with a continuous run lock and with a reverse button for rewinding the film in the 100 foot version of the camera.



TAKE UP MOTOR: This motor is used with the Bolex 400' magazine. It bayonets directly on the magazine eliminating the need for any awkward trouble-prone drive belt mechanism. Only one motor is necessary regardless of the number of magazine used. The power to drive this small 12 volt DC motor comes from the rechargeable battery pack through the MST motor.

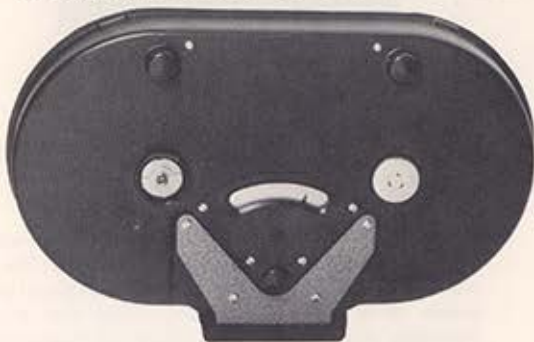
Weight: 8 oz. Size: 2 1/4" x 2 1/4" diameter.



RECHARGEABLE BATTERY PACK: This power pack will drive the Bolex constant speed motor for approximately twenty-five 100' rolls of film when fully charged. The battery pack includes a built-in charger and easily visible voltmeter which indicates if the battery pack is in charged or discharged condition. The pack is supplied with two cords—one for attaching to the motor, the other for charging from an AC outlet. A plug is supplied for connecting a tape recorder. Motor comes in an attractive light grey leather carrying case with shoulder strap.



400' MAGAZINE: This single chamber compact and lightweight magazine mounts quickly on the Bolex H-16-5 camera. The magazine will take 400 feet of single or double perforated film, plain or striped on standard cores or 200 feet of film on standard 200' reels. The 200' reels can be loaded in daylight. The film on 400' cores must be loaded

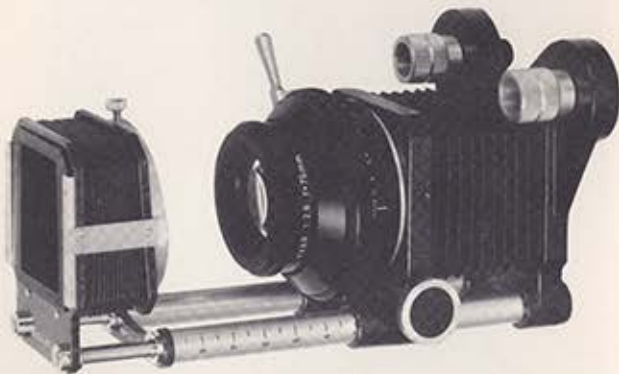


in a darkroom or changing bag. The large footage counter has two scales—one for 400' cores and one for 200' reels. The magazine is carefully slanted so that it does not interfere with the reflex viewing. Weight: 2 lbs. 13 ozs. Size: 13½" x 8" x 2".



Film guide rollers on feed and take-up side of magazine keep film tight and evenly wound. The feed film guide is connected to the large footage counter on the side of the magazine. Roller on film feed guide is removable. Two rollers are supplied. The larger and wider roller is used for films on cores; the smaller and shorter for films on reels. A spring clip inside the magazine holds the roller which is not in use.

BOLEX BELLOWS EXTENSION UNIT: When using this accessory with Bolex H-16 Rex cameras, filming with continuous focusing from infinity to lifesize 1:1 magnification is possible without the need to remove or change any part of the camera



or lens. The unit mounts quickly to the camera by two turret screws. Focusing is controlled by a precision geared control knob. Equipped with a diaphragm pre-selector lever, 5" long engraved optical bench showing bellows extension and the necessary exposure increase. Supplied with special Yvar 75mm lens adapters to use Switar 25mm lenses and bellows sunshade.

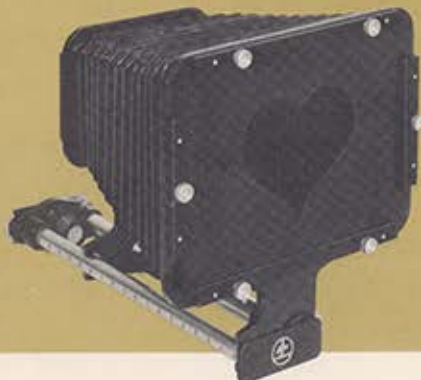
Weight: 1 lb., 5 ozs. Length: 6". Bellows: 2" square.



BOLEX MATTE BOX: The Matte Box can be used with all H cameras but is especially recommended for Rex cameras, where the reflex viewing permits exact analysis of the desired effect. It enables the production in the camera of many professional effects such as masking scenes, silhouettes, split-screen techniques, wipes, titling, simplified animation. Naturally, the Matte Box also serves as the

finest form of lens shade and as a gelatin filter holder. Maximum bellows extension: 3½". The Matte Box mounts on base built into the latest H cameras. Matte Box is supplied with pre-cut key-hole, binocular, and heart masks, several blank masks, acetate sheets, and glassplates for rear and front frame.

Camera Base: The Matte Box is mounted on all Bolex models without built-in base by means of base 605 (to be ordered separately). The base will in addition support the camera on any plain surface.





REX-O-FADER 40: Used with the variable shutter to automatically make precisely 40 frame fades and lap dissolves. Installation is simple and operation is easily managed with the left hand by manipulating the contoured control lever while the right hand controls the camera.



16mm EXTENSION TUBES: For extreme close-up filming with fixed focal length lenses from 25mm to 150mm focal length. Permit covering areas as small as $5/16''$. Can be used on all Bolex H-16 and other 16mm C-mount cameras. Set consists of 4 tubes: 5, 10, 20, and 40mm long.



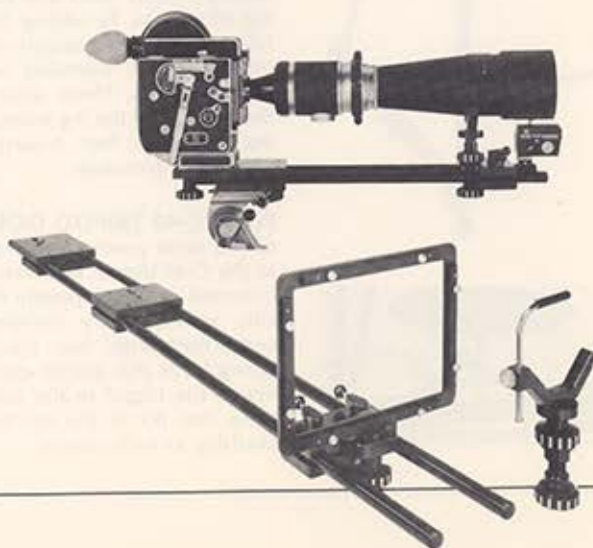
BOLEX SUPER TITLER: The Super Titler can be used with any H camera. It is suitable for adding elaborate or simple effects of all types with professional results. The Titler consists of two units which can be supplied separately as: Basic Titler and Accessories.

Basic Titler: Consists of an optical bench with a max. filming distance of 26", reflectors, centering target, camera carriage and titling frame in two parts made for titling boards up to $12\frac{1}{2}''$ wide. Basic unit is used for simple titles and makes an ideal stand for close-up filming, copying, and cinephotomicrography.

Accessory Kit: Includes a sliding table, flipover plates, turntable, drum, scroll device, animation plate and hand crank which permit producing all types of titling effects, television commercials and animation. All accessories are easily interchanged without the use of tools. The black anodized accessories can be covered with the special felt covers supplied or with other background material to which regular titling letters can be attached.



LENS AND ACCESSORY SUPPORT: A versatile accessory for all Bolex H and some other still and movie cameras, which consists of an accurately machined miniature optical bench, 20" long with 12" and $27\frac{1}{2}''$ extension rods, an adjustable lens support with lock for lenses up to 4" in diameter, and a titling frame, $8\frac{1}{4}'' \times 6\frac{1}{2}''$, with an inside opening of $7'' \times 5\frac{1}{4}''$. This accessory serves for supporting heavy and long telephoto lenses. The supporting bracket is adjustable in its height and distance from the camera, from 2" to 45", to take telephoto lenses of many lengths and diameters. The support serves furthermore for mounting the Matte Box in front of long telephoto lenses; as a stand for macro filming, and as a small portable titling unit. **WEIGHT:** Main frame with lens support or titling frame, 3 lbs., 14 ozs. Complete unit, 7 lbs., 8 ozs.

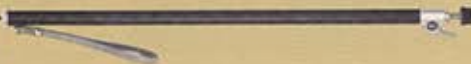




BOLEX TRIPOD H: The Bolex all-metal Tripod is ideal in combination with any Bolex H camera. It offers the necessary steadiness without being excessively heavy (7 lbs.). A smooth panhead with separate locking for panning and tilting assures smooth camera movement and permits shooting straight down. The cable release built into the panhandle permits operating the camera and panning with one hand, leaving the other free for zooming or other camera manipulations. A unique quick camera coupling is part of the tripod and permits instant attaching and removing of the camera.

Unique leg spread control insures positive stability without the use of chains.

A Ball Joint accessory can be inserted between tripod and Bolex panhead for fast and accurate leveling.



MONOPOD: Inexpensive, lightweight accessory to support camera. Rubber foot convertible to spike. Extends to 61", 23" collapsed. Weight 11 oz. Also available with a ball joint so the mounted camera can be easily tilted to the desired angle.



CAMERA GRIP: This handsome metal grip is designed specifically for all Bolex H cameras with built-in camera base. Quick coupling device permits instant mounting and removal or switching camera from grip to Bolex tripod or Bolex Super Titrer. Built-in trigger is coupled to side release of camera and is adjustable for normal or continuous running.

An adjustable leather strap can be mounted for left or right hand operation. Tripod socket permits mounting camera grip equipped camera on tripod or monopod. Weight: 1 lb.

For use with Vario Switar 86EE, the trigger on the camera grip can be connected to the automatic pre-set diaphragm on the lens by means of a special cable release, No. 417.

Camera Cable No. 417

Permits operation of the automatic pre-set diaphragm on Vario Switar 86EE lenses by means of camera grip trigger release.



ELECTRIC CAMERA GRIP: This metal grip is designed for use specifically with the MST motor and is connected to the motor by an electric cord. The quick coupling device and adjustable support strap are the same as on the H camera grip.



FOBA C-40 TRIPOD: The Foba C-40 tripod is designed to conform to the needs and desires of the professional photographer. Steel tube construction provides extraordinary stability in any position. Dual push-button leg lock for combined and individual leg adjustment provides convenience in setting up, leveling and height adjustment. Three push-button locks next to each leg permits combined leg adjustment from every side of the tripod. The length of each leg can be adjusted individually by a second push-button control on top of each leg. Additional stability is provided by the center leg spread control. Special ball and socket tripod feet with large serrated surfaces are available as accessories and can be replaced with steel spikes for outdoor use. Spring tension camera mount permits quick and convenient mounting of camera. By adding 16" or 32" combitubes, which are available as accessories, the tripod can be extended to practically unlimited height. These tubes are attached to the bottom of the leg extension after removing the rubber feet. A carrying case is available as an accessory.



FOBA C-40 TRIPOD DOLLY: This dolly is of the same precision all-metal construction as the C-40 tripod. Ball bearing metal wheels mounted on a completely flexible shaft provide smooth dolly movements. There are convenient large foot controls and double spring locks that permit quick and firm locking of the tripod to the dolly. A 20" round table that fits in the center of the dolly is available as an accessory.

LIGHT METER FOR H CAMERAS: The Bolex H exposure meter is manufactured by Gossen expressly for Paillard. It is a Cadmium Sulphide photo resistor type using Mallory battery PX-13. Designed to measure both reflected and incident light, it is calibrated specially for the "adapted" shutter speeds of the Rex camera but can also be used with all other H models. The Bolex exposure meter fits into a shoe with which the H model Bolex cameras are equipped. This shoe can also be installed on other models. Measuring angle is 12°. Sensitivity ratings of meter is 6 to 1600 ASA at camera speeds from 12 to 64 fps and it can be adjusted to different Variable Shutter settings.



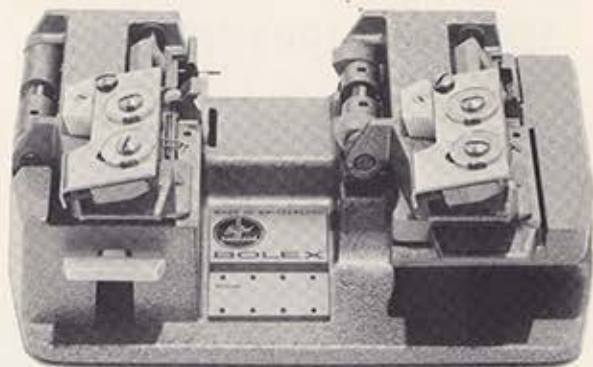
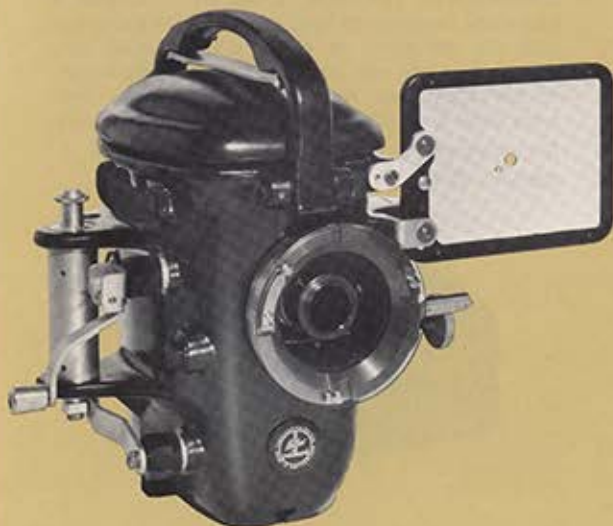
LIGHT METER ADAPTER:

Allows the Bolex light meter to be used on the Bolex 400' camera.

BOLEX UNDERWATER HOUSING: This Bolex housing accommodates 100' H cameras and is watertight down to depths of 330'. Easy and convenient winding of spring motor and aperture adjustment can be made while underwater. It is equipped with a parallax corrected viewfinder. The housing is supplied with the diaphragm collar for Switar 10 or 16mm wide angle lenses which are usually used underwater. Specify lens when ordering.

Size: 14" x 13" x 12"

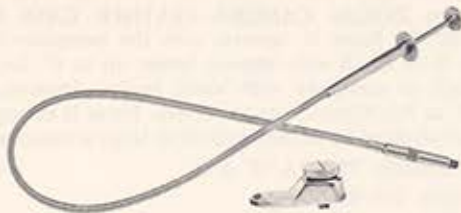
Weight: Out of water without camera, 22 lbs.; Immersed, 4½ lbs.



16mm BOLEX SPLICER: The most modern and satisfactory splice in 16mm films is made with the Bolex splicer. Rather than overlapping the two films as has been done in the past, this splicer scrapes both film ends at an angle and cements the films together, practically flush. The spliced film, therefore, never loses contact with the soundhead and never lifts the projector pressure plate while running through the film gate, thereby causing a noise, or jump or out-of-focus image on the screen.



BOLEX AUTOMATIC SELFTIMER MODEL A: It starts the camera operating 6 seconds after the timing mechanism has been set, for a scene of from 5 to 20 seconds and then stops the "take". Ideal when the moviemaker wants to get into the picture himself. Selftimer is connected to the cable release adaptor #431 (to be ordered separately.)



H-20 CABLE RELEASE: For maximum camera steadiness, for titles, animation, and all other single frame work, a cable release is a must. A 21" metal cable release is specially made for all Bolex H cameras. Supplied with a special attachment, #431, that fits over the side release button and permits continuous or single frame filming with or without the Rexofader attached.

H-40 CABLE RELEASE: Same as above, but 40" long.

CABLE RELEASE ADAPTER: Fits over the side release on all H cameras and permits continuous or single frame filming with or without the Rexofader attached.

LEATHER CARRYING CASES



LEATHER CARRYING CASE H-1B: This case will accommodate the Bolex H-16 cameras, with any set of prime lenses up to 75mm focal length or with Pan Cinor 85 Compact. Additional room is provided for extra film, filters and other small accessories.

Dimensions: 14½" x 11" x 6½"

Weight: 6 lbs.



16mm ZOOM CAMERA LEATHER CASE B: Holds the Bolex H cameras with the exception of the H-16 Rex-5 with regular lenses up to 6" focal length or equipped with Vario Switar, Angenieux 120, or Pan Cinor 85 zoom lenses. There is enough room to store Matte Box and other large accessories.
Dimensions: 19½" x 10" x 8"
Weight: 6½ lbs.



OMNIBOLEX LEATHER CASE B: This case is especially designed to hold the Bolex H-16 cameras with the exception of the Rex-5 equipped with camera grip and any combination of prime lenses, or any zoom lens. Numerous compartments hold extra film, sunshades, filters and small accessories.
Dimensions: 20" x 14½" x 8"
Weight: 12 lbs.



ALUMINUM CARRYING CASES

The cases are designed to withstand the most rugged use and at the same time protect your valuable Bolex equipment. The cases are watertight, and utmost consideration has been taken to keep the cases as lightweight as possible. A much valued feature found in the #455 and #456 cases is the possibility of easily rearranging certain compartments by removing and repositioning braces equipped with special nylon hooks.



CASE #457: This case was designed especially to carry three extra 400' magazines. When used with only two magazines, it will also hold one take up motor and the power pack.
Dimensions: 14½" x 8½" x 10½"
Weight: 7 lbs.



CASE #456: This case will hold the Bolex H-16 Rex-5 camera with attached 400' magazine, 12V take-up motor, MST constant speed motor, electric grip, and any combination of fixed focal length or zoom lenses. There are separate compartments for additional magazines, MST motor, Power Pack, Matte Box w/long rails, Monopod, 3 or 4 400' rolls of film, Lenses and other miscellaneous accessories.

Dimensions: 23½" x 19½" x 8½"

Weight: 19 lbs. empty

37 lbs. equipped with camera, one magazine, zoom lens, MST constant speed motor and 12 volt take up motor.

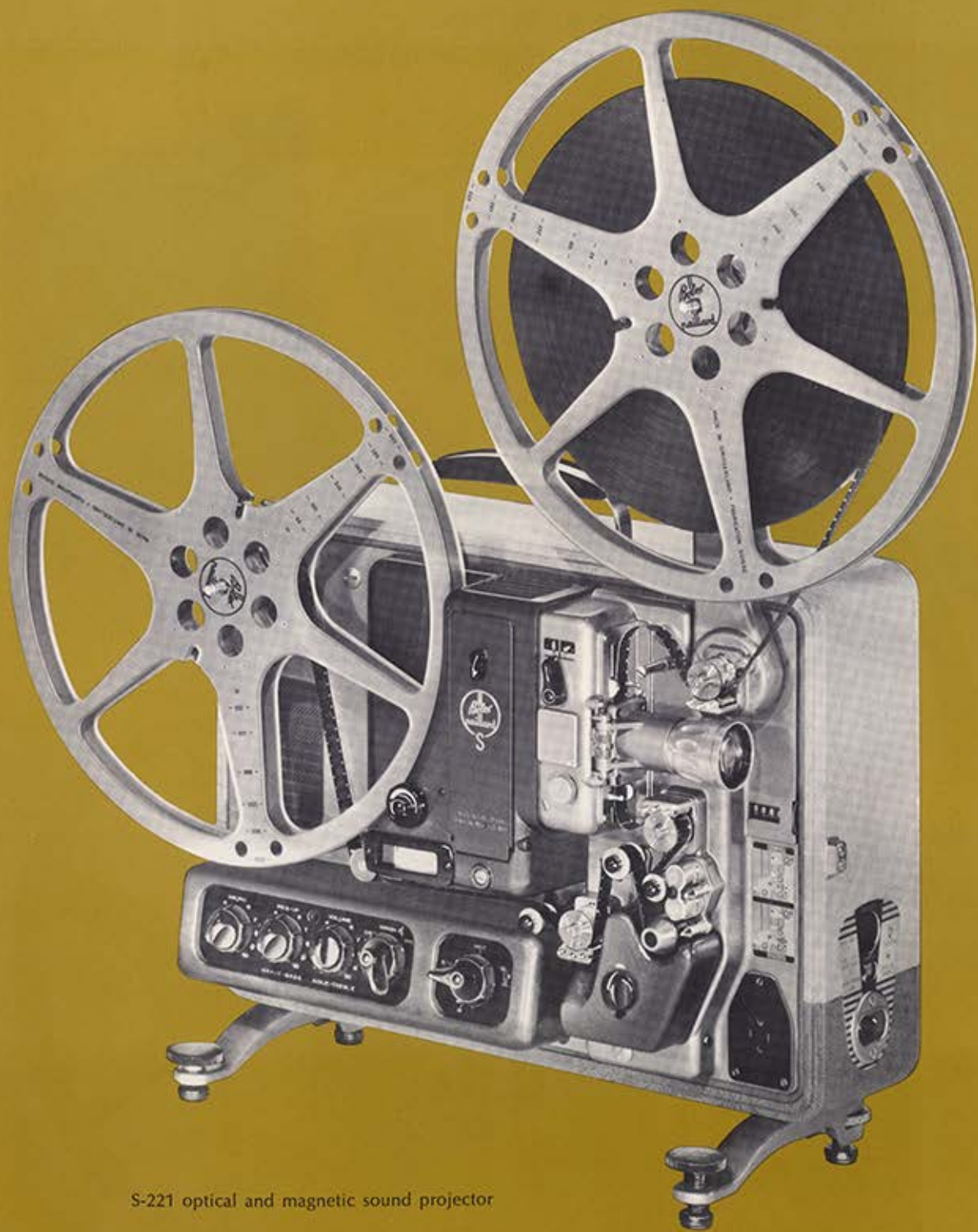


CASE #455: This case will hold any Bolex H camera equipped with the MST constant speed motor or Unimotor with any combination of zoom or regular fixed focal length lenses mounted on the camera. Additional space is provided for the Power Pack, Matte Box and small accessories. The case will not hold a 400' magazine either attached or detached from the camera.

Dimensions: 17½" x 8½" x 10"
Weight: 8 lbs.



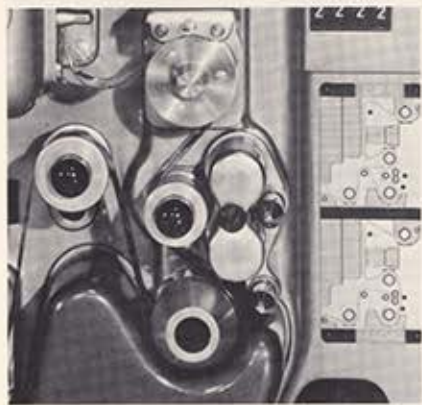
BOLEX 16mm SOUND PROJECTORS



S-221 optical and magnetic sound projector

Perfect Bolex film quality must be matched with perfect projection to actually see the sharp, crisp images that Bolex cameras record. Bolex 16mm projectors, the S-211 for optical sound and the S-221 for both optical and magnetic sound, have been carefully designed to include all the latest technical advances and constructed according to Old World Swiss traditions of superb craftsmanship. The Bolex S-221 Optical/Magnetic & Sound Projector is supplied with microphone, earphones, plastic cover, 2,000 ft. reel and 50mm lens.

The Bolex S-211 Optical Sound & Projector is supplied with plastic cover, 2,000 ft. reel and 50mm lens.



THE BOLEX S-211

- Projects silent films with single or double perforation.
- Projects films with an optical track.
- Can be used as a complete PA system for music and/or narration.
- Permits mixing of an optical sound track with live narration.

THE BOLEX S-221

- Projects 16mm silent films single or double perforation.
- Projects films with an optical sound track.
- Projects films with a magnetic sound track, single or double perforation.
- Records, superimposes, mixes, erases magnetic track.

PICTURE QUALITY. A unique optical system is built into the Bolex sound projector to provide maximum brightness and equal light distribution. Lamp is 110 volt, 750 or 1,000 watt. Condenser has three coated lenses. Variable shutter for two or three light interruptions per frame can be changed while machine is running. Three projection lenses available: 35mm f/1.3, 50mm f/1.3 and 70mm f/1.6.

CONSTRUCTION QUALITY. Every one of the parts of the S-211 and S-221 is precision machined. Universal type motor with high starting torque has variable speed from 16 to 24 f.p.s. and is accurately stabilized by a governor activated by electronic impulses. Built-in illuminated stroboscope for precise setting of 18 and 24 f.p.s. Recording sound with the S-221 is made easy by the use of the reverse run and the frame counter.

SOUND QUALITY. High fidelity sound quality is obtained from the advanced sound head and amplifier which has independent controls for bass and treble. Separate volume controls for mixing and many other sound variations. The speaker is built into the projector cover.

OPTICAL SOUND HEAD:

- Frequency range: 50 to 7,000 cycles \pm 3db.
- High precision scanner.
- Standard 4V 0.75 amp. exciter lamp fed by 40,000 cycle high frequency current,

which eliminates hum. The lamp is pre-centered and easy to change.

- Large photo-electric cell with elastic suspension, shielded against microphonic effects.
- Focusing knob keeps scanner beam at maximum efficiency, regardless of whether emulsion or base side of film faces sound head.

AMPLIFIER:

- Frequency range: 30-16,000 cycles, \pm 3 db. Audio power output: 15 Watt, sufficient even for large auditoriums.
- Two high impedance inputs: 1) for microphone; 2) for record-player, tape recorder or radio.
- Two independent input channel controls for mixing and transitional fades.
- Two output channels: 1) for speaker (6 ohms); 2) for earphones (1200 ohms).
- Volume control.

MAGNETIC SOUND (S-221 only). Frequency range: 50 to 10,000 cycles \pm 3 decibels for magnetic sound. Films with 100 mil, 50 mil, and 25 mil magnetic tracks can be used without special adjustments. Complete built-in mixer for narration, sound effects and background music. Possibility of overlaying sound effects and narration on previously recorded music (with overlay accessory).

CONVENIENT TO USE. Streamlined and compact, the S-211 and S-221 are easy to carry and to set up. The speaker in the cover can be removed, the spool arm positioned and the projector height adjusted in a matter of seconds. Loading is carried out rapidly and the projector controls are simple and are illuminated. An auxiliary socket for a table lamp is built in.

SIZE:

- Cover closed: 20½" x 11" x 17"
- Cover removed, with spools: 25½" x 17" x 31"
- Weight 55 lbs.

OVERLAY UNIT FOR S-221: Volume of existing magnetic sound can be lowered to superimpose narration, music or sound effects.



MICROPHONE: The microphone can be used with the overlay unit for superimposition as illustrated here or can be hand held. The microphone is also used for narration when the projector is used as a PA system.



EARPHONES: Used for monitoring when making magnetic recordings on film.

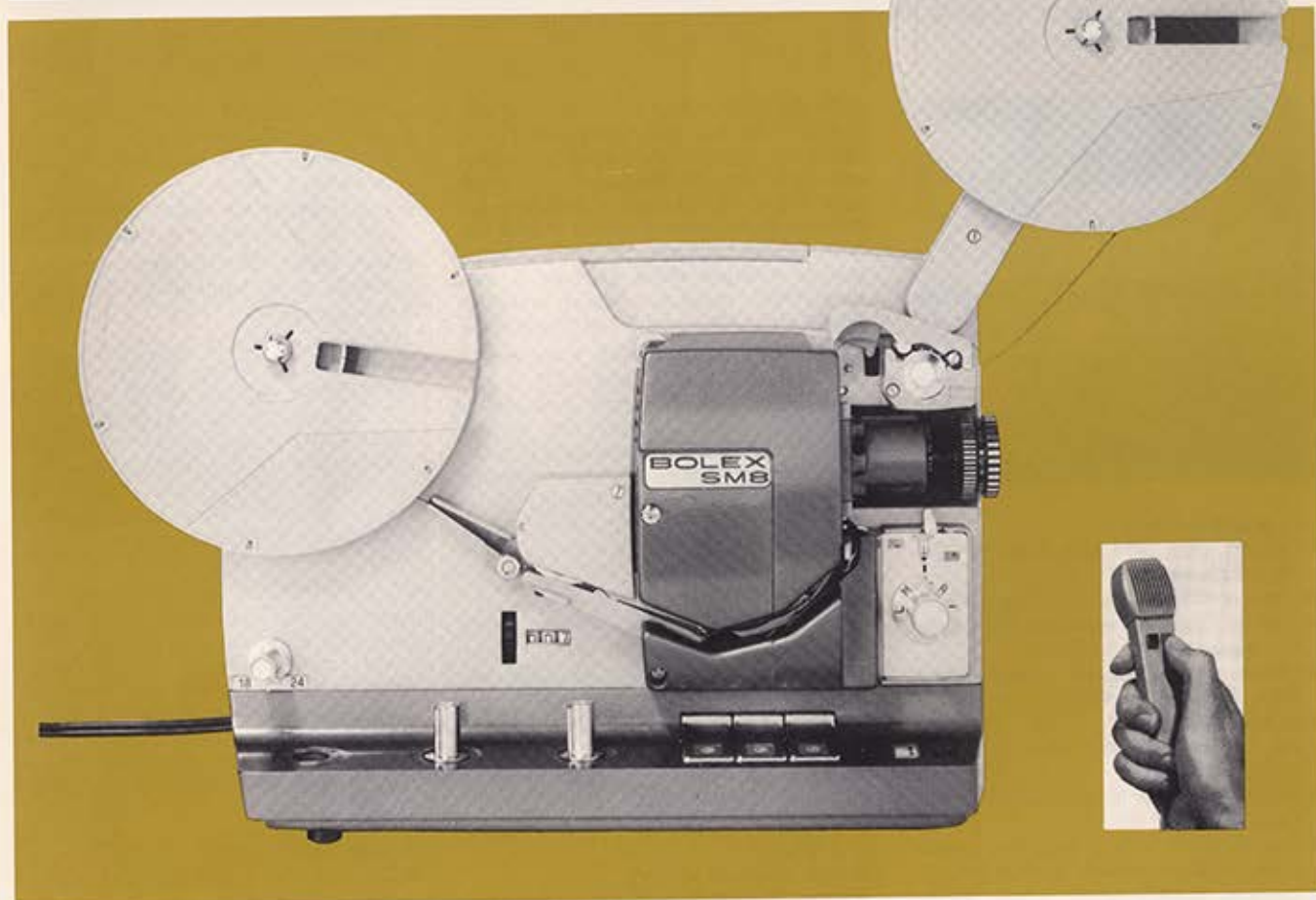


ACCESSORY SPEAKER COMPLETE: 12", 15 watt speaker with 50' electric cord on reel permanently connected to the speaker. Case has attractive finish to match projector. Sides fold down to form base. Easily portable with built in carrying handle. Complete with speaker volume control distributor. Space for many accessories. Weight: 28½ lbs.



BOLEX SM8 PROJECTOR

Magnetic Sound Projector for Super 8 Film



THE BOLEX SM8 MAGNETIC SOUND PROJECTOR for Super 8 film is the ideal projector for audio-visual demonstration films, photographed originally on 16mm film and reduced to Super 8.

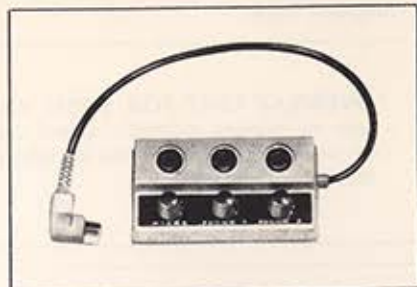
Lectures, demonstrations of techniques, and promotional presentations take on a new dimension of interest when presented with sound film.

The most important advantage of using the Super 8 prints reduced from 16mm is the wide distribution that can be achieved. Low cost and easy handling make this possible. The cost of quality 16mm prints with sound is always an important factor and widespread distribution of films could be limited because of this cost factor. However, reduction of 16mm prints to Super 8 is relatively inexpensive. When using Super 8 film there is the added advantage of easy handling. The film occupies approximately one-third the space of 16mm film and can be shipped more easily. The Bolex SM8 projector weighs only 25 lbs. and is carried easily.

With the Bolex SM8, optimum results are assured. The projector is equipped with

two motors—one to drive the mechanism and one for ventilation, a feature usually found only on expensive 16mm equipment to insure years of trouble free service. Illumination is from a quartz iodine lamp projected through an optically perfect $f/1.3$ lens for maximum projection brilliance. A zoom lens is also available. The 18 f.p.s. and 24 f.p.s. settings make the projection of silent or commercially prepared Super 8 sound films possible. The main unit houses a built-in speaker and an accessory speaker is also available. With the accessory mixing console, the unit can be used as a P.A. system. Recording with the SM8 on original Super 8 film or 16mm reduction prints is easily accomplished. Super-imposition or complete erasure of background sound is controlled from the microphone.

Simplicity of operation makes this the ideal sound projector for use by anyone under practically all conditions—classrooms, conference rooms, wherever a lecture, demonstration, or presentation is conducted. For full color brochure, write PAILLARD Incorporated, 1900 Lower Road, Linden, New Jersey 07036.



accessory mixing console
accessory speaker

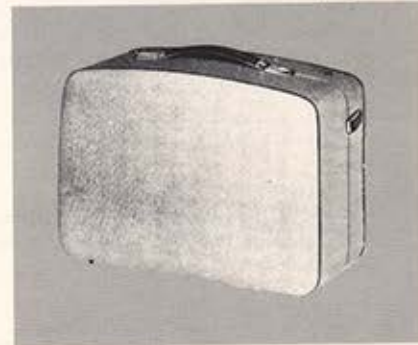


TABLE OF CONTENTS

CAMERAS

The 400 Foot Bolex	4-5
H-16 Rex-5	6
H-16 Rex-4	6
Fully Automatic Zoom Reflex	7
H-16 M-5	8
H-16 M-4	8
Assistant Coach	9

LENSES

Prime Lenses and Accessories	12-14
Zoom Lenses and Accessories	15-19

MOTORS

Unimotor	20
Battery Pack for Unimotor	20
Transformer	20
MST Constant Speed Motor	5, 21
Take-Up Motor	5, 21
Rechargeable Battery Pack	5, 21

SUPPORTS

Lens and Accessory Support	23
Bolex Tripod H	24
Ball Joint	24
Foba Tripod	24
Monopod	24
Camera Grip H	24
Electric Camera Grip	5, 24

CARRYING CASES

.....	20, 26, 27
-------	------------

ACCESSORIES

400 Foot Magazine	5, 22
Bellows Extension Unit	13, 22
Matte Box	22
Rexofader	23
Extension Tubes	13, 23
Super Titler	23
Light Meter	25
Splicer	25
Self Timer	25
Cable Release	25
Underwater Housing	25

PROJECTORS AND ACCESSORIES

S-221 Magnetic/Optical Sound	28-29
S-211 Optical Sound	29
SM8 Super 8 Magnetic Sound	30



Paillard, S. A. • Ste. Croix, Switzerland



Paillard, S. A. • Yverdon, Switzerland



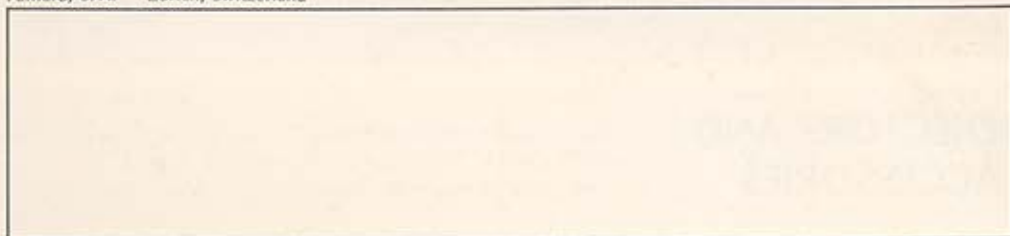
Paillard, S. A. • Orbe, Switzerland



Paillard, S. A. • Zurich, Switzerland



PAILLARD INC.
1900 Lower Road
Linden, N. J. 07036



BOLEX

FRANCHISED DEALERS

NEW YORK

Albany - Albany Camera, 204 Washington Avenue
 Bern's Camera Shop, 84-86 North Pearl Street
 State Photo Supply Corp., 116 State Street
 Auburn - Seal's Camera, 11 North Street
 Batavia - Camera Shop, 63 Main Street
 Beacon - Fischer's Beacon Photo, 391 Main Street
 Binghamton - L. F. Hamlin, 34-38 Court Street
 Stickley-Silver Photo Service, 59 Carroll St.
 Tuthill Co., 166 Washington Street
 Buffalo - Delaware Camera Mart, 2635 Delaware Avenue
 Filmart, 637 Main Street
 Buffalo Photo Material Co., 37 Niagara Street
 Maurer's Photo Supply, 947 Sycamore Street
 Commack - May Camera Centers, Inc., Commack Shopping
 Plaza, 44 Veterans Highway
 Elmira - Bovik & Crandall, 263 State Street
 Endicott - L. F. Hamlin, Inc., 28-30 Washington Avenue
 Herkimer - Herkimer Camera Shop, 272 N. Main Street
 Hudson Falls - Durling Studio, 221 Main Street
 Ithaca - Ithaca Photo, 105 West Green Street
 Johnstown - Tommy's Photo Shop, 100 So. Perry Street
 Kenmore - J. G. Photo Supplies, 3680 Delaware Ave.
 Kingston - Artcraft Camera Shop, 694 Broadway
 Lockport - Jay's Camera Shop, 38 Main Street
 Middletown - Potomart, 100 North Street
 Newburgh - Seamans, 388 Broadway
 Niagara Falls - Lafayette Photo, 217 Falls Street
 Lindsay Photo Service, 3025 Niagara St.
 North Syracuse - North Plaza Camera Inc., 115 N. Plaza
 Oceanside - T.S.S. Oceanside #12, Camera Department,
 Long Beach Rd. & Lawson Blvd.
 Pearl River - Bouton's, 13 North Main Street
 Poughkeepsie - Arax Photographic, 264 Main Street
 Arax Photo, 388 Main Street
 C & C Photo Inc., Camera Department,
 c/o Merit Dept., 432 South Road
 Rochester - Hahn Photo Center, 308 Driving Park Ave.
 LeBeau Photo, 475 Lyell Avenue
 LeBeau Photo Shop, 1137-1139 Culver Road
 Marks & Fuller, 70 Sico Street
 Movie-Town, 599 Hudson Avenue
 Rome - M & S Photo, 120 West Dominick Street
 Schenectady - S. Bern's Camera, 422 State Street
 J. T. & D. B. Lyon, 236 State Street
 Seale's Photo Bar, 1875 Poster Avenue
 Staten Island - Serval Photo Corporation, Camera Dept.,
 c/o Major's Discount Dept. Store,
 2239 Forest Avenue
 Wallich's Camera Shop, 1027 Castleton Ave.,
 West Brighton
 Syracuse - Francis Hendrick's Co., 716 E. Washington St.
 Kamera Kraft, 208 E. Jefferson Street
 M.Q. Camera Center Inc., 405 S. Warren St.
 Syracuse A. V., 647 Burnet Avenue
 Troy - Troy Camera Shop Inc., 51 Third Street
 Watertown - Severance Photo, Box 539, 200 Franklin St.
 Williamsville - Amherst Camera, 5498 Main Street
 Yorktown Heights - White Camera Dept. #17, Route 202

LONG ISLAND

Amyville - Berger Bros. Camera Exch. Inc., 126 Broadway
 Astoria - Camera Hobby Shop, Div. Kay Bee Camera Exch.,
 22-36 31st Street
 Babylon - Abraham & Straus, Great South Bay Shopping Ctr.
 Eastern Camera Exchange, 18 Deer Park Avenue
 Eastmore Camera Corp. #10, c/o TSS Babylon,
 1000 West Montauk Highway
 National Camera Shops of Babylon, c/o Billy Blake,
 Montauk Highway cor. Beechwood
 Baldwin - Aimes Photographic Equipment & Supply Corp.,
 1620 Grand Avenue
 Cam-Ra Fair, 1763 Grand Ave., N. Baldwin Shpg. Ctr.
 Bayshore - The Dive Shop, 110 West Main Street
 Bayside - Bayside Village Camera, 4237 Bell Blvd.
 Julian Camera Shop, Bay Terrace Shopping Center,
 212-31 26th Avenue
 Kurtzberg's, 4109 Bell Boulevard
 Bellmore - Quick Photo Service, 1877 Bellmore Avenue
 Bellport - Bellport Camera Corner, 145 E. Main Street
 Center Moriches - C. M. Camera Store, Main Street
 Corona - Cinema Camera, 40-24 National Street
 East Meadow - Meadow Camera #6, c/o Modell's,
 2000 Hempstead Turnpike

LONG ISLAND (continued)

Elmont - Elmont Village Camera, 241-03 Linden Blvd.
 Farmingdale - Negri's Studio, 287 Main Street
 Flushing - Boro Camera Corp., 181-14 Union Turnpike
 Eastern Camera Exchange, 40-46 Main Street
 Kay Bee Camera Exch. Inc., 41-38 Main Street
 Forest Hills - Forest Hills Photo Center,
 107-21 71st Continental Avenue
 Freeport - Arnee Dept. Stores, 78 S. Main Street
 Garden City - Eastern Camera, Roosevelt Field Shpg. Ctr.
 Neptune Photo Inc., 657 Franklin Avenue
 Glen Cove - Glen Camera Mart, 15 1/2 Glen Street
 Great Neck - Great Neck Camera Exch., 89 Middle Neck Rd.
 Hempstead - Abraham & Straus, 125 Orchard Street
 Eastern Camera, 68 W. Columbia Street
 Foto-Produx, Inc., 130 Front Street
 Hicksville - Eastern Camera, 645 Mid-Island Shopping Plaza
 Huntington - Hart Camera, Inc., 839-24 New York Avenue
 L & L Camera Exchange Inc., 267 New York Ave.
 Huntington Station - Abraham & Straus, Walt Whitman
 Shopping Center, Route 110
 Morat Service Inc., 30 E. 21st Street
 Jackson Heights - Delvin's Camera, 83-23 37th Avenue
 Jamaica - Kay Bee Camera Exchange, 88-42 Sutphin Blvd.
 Lawrence - Ace Photographer, 342 Central Avenue
 Levittown - The Eastern Camera, 3000 Hempstead Turnpike
 Long Beach - Eastern Camera, 20 West Park Avenue
 Tilben Music Center, 60 W. Park Avenue
 Long Island City - A. C. Camera, 34-01 Broadway
 Lynbrook - Arnee Dept. Stores Inc., 7 Atlantic Ave.
 Manhasset - Abraham & Strauss, Dept. N290, Northern Blvd.
 Massapequa - White Camera Dept. #1, c/o White of
 Massapequa, 5500 Sunrise Highway
 New Hyde Park - National Photo, 96 Lakeville Road
 Patchogue - Fotocraft Shops, 39 East Main Street
 Port Jefferson - National Camera Shops of Port Jefferson,
 c/o Billy Blake, Nesconset Highway
 Port Jefferson Station - Fotocraft Shops, Port Jefferson
 Corp., Jefferson Shopping Plaza
 Port Washington - The Eastern Camera Exch., North Shore
 Corp., 933 P. Washington Blvd.
 The Main Shop Ltd., 38 Main Street
 Queens Village - Village Camera, 215-47 Jamaica Avenue
 Richmond Hill - Joel Photo, 119-15 Liberty Avenue
 Lipschutz Stationers, 114-10 Jamaica Ave.
 Riverhead - Fotocraft Shop Riv. Corp., 31 W. Main Street
 Roslyn Heights - Roslyn Photo, 365 Willis Avenue
 Rockville Center - Rockville Camera Ctr., 20 N. Park Ave.
 Sayville - National Camera Shops of Sayville, c/o Billy
 Blake, Sunrise Hwy. (Cor. B'way.)
 Smithtown - Fotocraft Shops, Smithtown Shopping Center
 National Camera Shop of Smithville, c/o Billy
 Blake, Jericho Tpke. & Rt. 25
 Stewart Manor - Fitti Camera Shop, 58 Covert Avenue
 Valley Stream - Green Acres Camera Exch. Corp.,
 Green Acres Shopping Center
 Westbury - Brinkmann Instruments Inc., Cantiague Road
 (Dock 2) Fortunoff Silver Sales Inc.,
 1300 Old Country Road
 West Hempstead - Combine Camera Stores Inc.,
 225 Hempstead Turnpike
 West Islip - Serval Sales Corp., Camera Dept, c/o Hampton's
 Discount Ctr., 205 Sunrise Highway

BROOKLYN

Abraham & Strauss, Gallatin Place
 Amvet Camera, 276 Broadway
 Bedford Camera Inc., Formerly Potter's, 703 Flatbush Ave.
 Berkshire Camera Shop, 5814 Eighth Avenue
 Beverley Photo Supplies, Inc., 1760 Nostrand Avenue
 Boro Hall Camera, 163-65 Joralemon Street
 Boro Park Camera, 5510 13th Avenue
 Brody's Music Shop, 5660 Myrtle Avenue
 Camera Center, 596 Grand Street
 Camera Corner, 391 Bridge Street
 Dun-Rite Camera, 615 Livonia Avenue
 Mayfair Photo Fin. Co. Inc., 2823 Coney Island Avenue
 Miller's Camera Shop, 1721 Kings Highway
 Prospect Photo, 104 4th Avenue
 Serval Photo Inc., Camera City Discount Stores,
 1524 Courtelyou Road
 Utica Camera, 357 Utica Avenue

WESTCHESTER

Bronxville - Bronxville Camera, 94 Pondfield Road
 Larchmont - Larchmont Foto, 1895 Palmer Road
 Mt. Kisco - Fox & Sutherland, 1550 Moger Avenue
 Mt. Vernon - Town Foto Shop, 11 East Prospect Avenue
 New Rochelle - Camera Craft Inc., 210 North Avenue
 Scarsdale - Scarsdale Camera Shop, 8 Spencer Place
 White Plains - Camera Shop, 199 Main Street
 Colortone Camera Inc., 34 Mamaroneck Ave.
 Yonkers - Sam's Camera Exchange, 106 New Main Street
 Yonkers Camera Exchange, 28 Palisade Avenue

BRONX

Arista Camera Specialists Inc., 2914 White Plains Rd.
 Castle Hill Camera & Supply Co., 1240 Castle Hill Ave.
 Park Camera Exchange, 1611 Unionport Road
 Sterling-Howard Co., 561 E. Tremont Avenue

MANHATTAN

Abercrombie & Fitch, Madison at 45th Street
 Alkit Camera Shops, 365 Third Avenue
 Arkin Photo, Inc., 30 E. 33rd Street
 Arthur Brown & Bros., Inc., 2 West 46th Street
 E. J. Barnes & Co., Inc., 6 West 48th Street
 Cambridge Camera Exchange, 47 7th Avenue
 Camera Barn, 135 Liberty Street
 Camera Barn, 198 Broadway
 Camera Barn, 1272 Broadway
 Camera House, 728 Lexington Avenue
 Camera Land, 611 Lexington Avenue
 The Camera Mart Inc., 1845 Broadway
 Camera Place, 342 Madison Avenue
 Camera Place, Inc., 445 Madison Avenue
 Camera Sales Center Corp., 333 West 52nd Street
 Camera Service Center Inc., 333 West 52nd Street
 D. M. Carlick, Inc., 515 2nd Avenue
 Cine 60, 630 Ninth Avenue
 Dumont Inc. Cameras, 150 East 34th St.
 Empire State Fotoshop, 5 West 33rd Street
 Fotoshop, 136 West 32nd Street
 Fotoshop-Lexington, Inc. 376 Lexington Avenue
 Fotoshop Park Avenue, 220 Park Avenue
 Foto-View, 322 West 42nd Street
 Foto-View Central Cam. Exchange, Inc., 1 E. 43rd St.
 Haber & Pink, 12-14 Warren Street
 Jaydee Camera Exchange, 609 Madison Avenue
 Jaydee Camera Exchange, 764 3rd Avenue
 Jaydee Camera Exchange Inc., 20 E. 53rd Street
 Jugenes, 38 E. 57th Street (bet. Madison & Park Ave.)
 Madison Camera Co., 524 Madison Avenue (24)
 Medo Photo Supply, 20 East 45th Street
 Minifilm Camera Corp., 167 West 32nd Street (1)
 Motion Picture Camera Supply, Inc., 424 West 49th St.
 New York Institute of Photog., 10 W. 33rd St.
 Olden Camera & Lens Co., 1265 Broadway (1)
 Peerless Camera Stores Inc., 415 Lexington Ave. (17)
 Photo Center Inc., 79 Madison Avenue (10)
 Photomart 50th Ltd., 111 West 50th Street
 Photo Service Inc., 140 4th Avenue
 Royaltone Inc., 245 Seventh Avenue (1)
 S.O.S. Photo-Cinno-Optics, Inc., 387 Park Ave. S.
 Techni Service Co., 142 East 49th Street (17)
 Tower Photo, 1109 Avenue of Americas
 Trade Camera Exchange, 500 Eighth Avenue
 United Camera Exchange, 132 East 43rd Street
 United Camera Exchange, 1122 Sixth Avenue (36)
 United Camera Exchange, 1662 Broadway
 United Camera, 265 Madison Avenue
 United Camera, 1140 Avenue of Americas
 U.S. Divers Co., 155 East 51st Street
 Wall Street Camera Exchange, 120 Wall Street
 Willoughby's Inc., 110 West 32nd Street

NEW JERSEY

Atlantic City - M & H Sporting Goods Co.,
 1832 Atlantic Avenue
 Bayonne - Leon's Photo, 545 Broadway
 Bergenfield - Peter's Camera, 38 S. Washington Avenue
 Bernardsville - Bernardsville Cam. Mart, Bernardsville
 Shopping Plaza
 Bloomfield - Bloomfield Camera Shop, 623 Bloomfield Ave.
 Interstate Camera Stores, d/b/a Camera Craft,
 584 Bloomfield Avenue
 Boonton - Troy Camera Center, 601 Main Street
 Bridgeton - J. T. Roberts, 449 North Pearl Street

NEW JERSEY (continued)

Camden - Camden Camera Shop, 210 Broadway
 Largemoor Film Service, 124 N. 4th St. (2)
 Carteret - Toth Photo Service, 64 Cooke Avenue
 Cherry Hill - The Camera Shop, Ellisburg Shopping Center
 Cliffside Park - Cliffside Park Camera, 659 Anderson Ave.
 Clifton - Clifton Camera, 1137 - A Main Avenue
 Closter - Herbert's Camera House Inc., Closter Plaza
 Cranford - Bergen Camera Exchange, 34 North Avenue W.
 Denville - Denville Camera Shop, 23 Broadway
 Dover - Dover Photo Supply, 25 East Blackwell Street
 East Rutherford - Gunther's Sport & Camera Shop,
 201 Park Avenue
 Elizabeth - Dan's Camera, 913 Elizabeth Avenue
 Elizabeth Photo, 106 Franklin Street
 Jersey State Electric Co. Inc., 22 S. Broad St.
 Englewood - Herbert's Camera, 9 East Palisade
 Fairlawn - Fairlawn Camera, 7-09A Fairlawn Avenue
 Hackensack - Gene Hacker Camera, 530 River Street
 Main Camera, 71 Main Street
 Haddonfield - The Camera Corner, 7 Kings Highway East
 Hoboken - Nation Camera Shop, 412 Washington
 Jersey City - Hudson Camera, 122 Newark Avenue
 Levy Co., 149 Monticello Avenue
 Lake Hiawatha - Troy Camera Center, 1103 Rt. 46
 Linden - Daily Photo & Industrial Supply Co.,
 117 North Wood Avenue
 Livingston - Livingston Camera Mart, 30 S. Livingston Ave.
 Lyndhurst - Camera House, 213 Stuyvesant Avenue
 Matawan - Ryan Bros., 119 Main Street
 Midland Park - Wholesale Photo Sup., Midland Shpg. Ctr.
 Millburn - Millburn Camera Shop, 347 Millburn Avenue
 Morristown - Camera Corner, 33 East Main Street
 Interstate Cam. Stores, d/b/a Morristown Cam.
 Craft, 27 Washington Street
 Mount Holly - Mt. Holly Camera Center, 28 High Street
 Newark - Gruber's Camera, 210 Washington Street
 Gruber's Camera, Prudential Mall, Academy St.
 Midtown Camera, 1186 Raymond Blvd.
 Roseville Camera Center, 569 Orange Street
 Rubin Bros. Drug Store, 392 Chancellor Avenue
 Schaeffer Camera Co. Inc., 595 Broad Street
 Victor Camera Center, 23 Bloomfield Avenue
 New Brunswick - Freese Camera Shop, 306 George Street
 Interstate Cam. Stores, d/b/a New Brunswick
 Cam. Craft, 405 George Street
 Newton - Michael Photo Supplies, 53 Spring Street
 Nutley - Nutley Camera, 215 Franklin Avenue
 Orange - Interstate Cam. Stores, d/b/a Orange Camera Craft
 Garden State Plaza Shopping Center
 Parlin - Sayrewoods Camera House, Sayrewoods Shopping Ctr.
 Passaic - Adrian's Camera & Sport Shop, 87 Market Street
 Paterson - Hathaways, 122 Market Street
 Perth Amboy - Fishkin Brothers, 285 Madison
 Pitman - Pitman Camera Center, 23 South Broadway
 Plainfield - Interstate Camera Stores, d/b/a Plainfield
 Camera Craft, 33 Watching Avenue
 Princeton - Princeton University Shop, 36 University Plaza
 Rahway - Clayton's Camera Center, 69 E. Cherry Street
 Red Bank - Dorn's Photo Shop, 15 Wallace Street
 Ridgewood - Ridgewood Cam. & Sup. Corp., 48 E. Ridgewood Ave.
 Somerville - Ostros Camera, 65 West Main Street
 South Orange - Kaltman's, 11 Trenchard Place
 Village Camera, 61 South Orange Avenue
 Summit - Art's Camera Shop of Summit, 485 Springfield Ave.
 Totowa - Tapps Camera Department, Interstate Camera
 Stores, 465 Route 46
 Trenton - Brothers Camera, 1780 N. Olden Avenue Ext.
 Deals Camera, 922 Brunswick Avenue
 Photo Art Co., 129 East Warren Street
 Union - Center Camera Exchange, 2010 Morris Avenue
 Union Camera Exchange, 1022 Stuyvesant Avenue
 Union City - John J. Tobler, Inc., 507 32nd Street
 Upper Montclair - Photo Culler, 574 Valley Road
 Vineland - T & F Camera, 502 Landis Avenue
 Westfield - Westfield Studio, 121 Central
 West New York - Levy's, 6118 Bergenline Avenue
 Westwood - Bergen County Camera Shop, 288 Westwood Avenue
 Sam's Camera Shop, 61 Washington Avenue
 Wildwood - Fulginiti Photo Shop, 3714 Pacific Avenue



PAILLARD INCORPORATED

1900 LOWER ROAD, LINDEN, NEW JERSEY 07036

Your Inquiry (through)

Re:

Linden,

Dear Customer:

We thank you for your inquiry and are enclosing a list of our Franchised Dealers in your area and the literature which you requested.

We are sure that you will find our equipment in keeping with the finest standards in precision engineering and craftsmanship.

Please feel free to call on us at any time for additional information or contact one of our dealers who will be pleased to give you a thorough demonstration.

Yours very truly,

PAILLARD Incorporated

Vice President
Advertising and Sales Promotion

Walter Braun/jmc