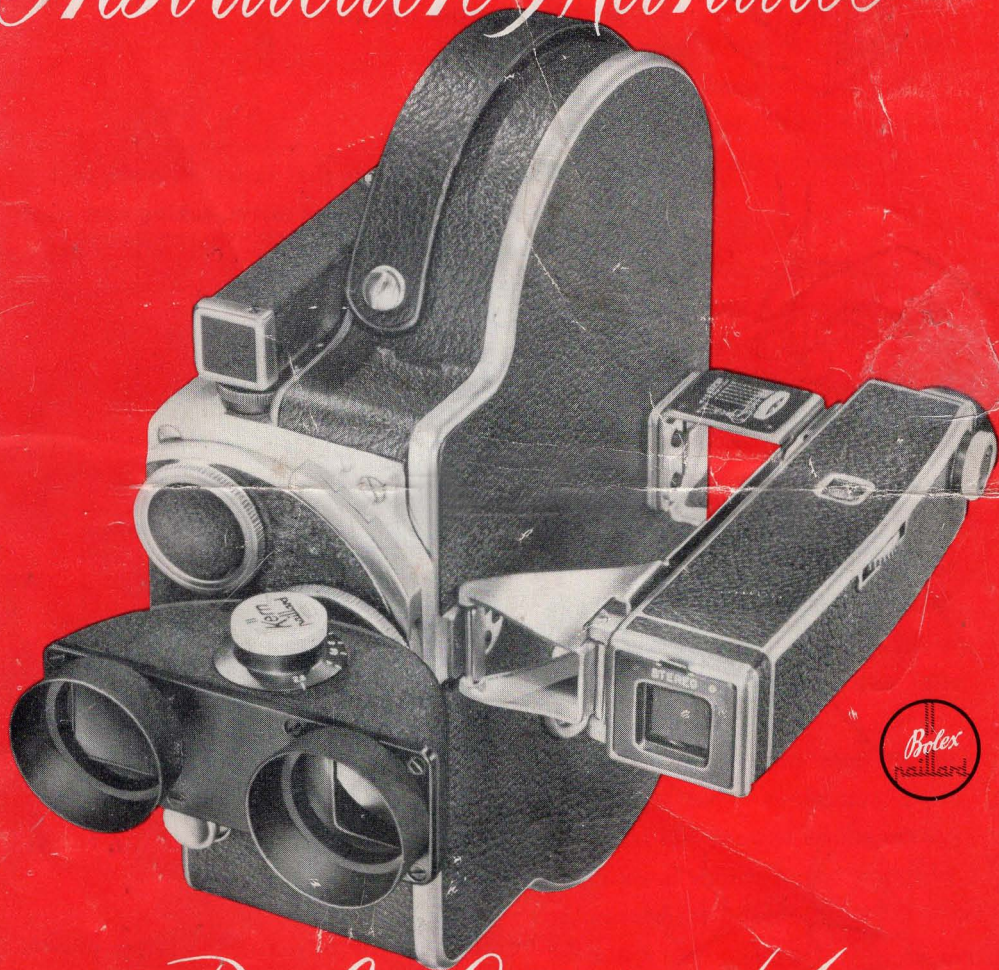
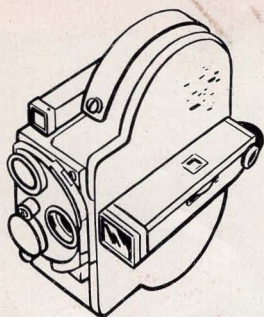


Instruction Manual



Bolex Stereo Movies

Paillard Products Inc., 265 Madison Ave., New York 16, N. Y.

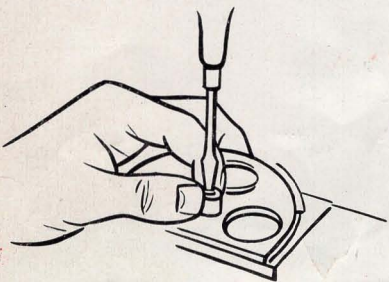


BOLEX 16MM DE LUXE

The Bolex Stereo System employs the Bolex 16mm DeLuxe camera which comes complete with the Octameter Viewfinder. The first step is to remove the regular movie lenses from the turret.

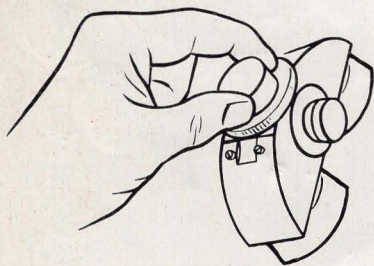
REPLACE TURRET CENTER POST

Unscrew the screw that fastens the original center post to the lens turret, taking care to hold the part to prevent its shooting forward as the spring inside it extends. Replace with either of supplied center posts: (a) the shorter one if turret has a turret lever, (b) the longer if not. Replace screw and tighten down hard. Your Bolex Dealer will be glad to make this replacement for you if desired.



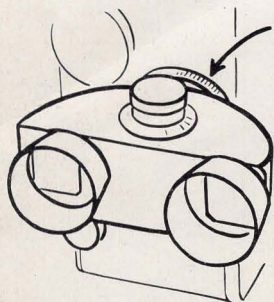
REMOVE DUST CAP

Remove the dust cap from the rear of the Taking Lens by holding the fastening ring and unscrewing the cap. Place the Taking Lens on the turret in front of the taking aperture.



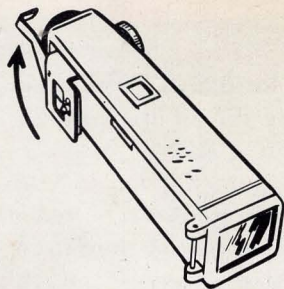
ATTACHING TAKING LENS

The head of the new turret center post should fit into the groove at the rear of the Taking Lens to assure accurate horizontal alignment. Then screw the fastening ring down hard.



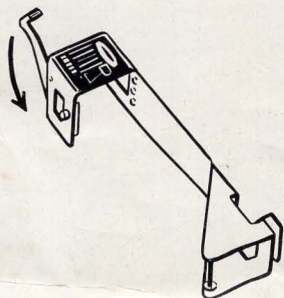
REMOVE OCTAMETER FINDER

At the rear of the Octameter finder is a locking lever. Swing this lever upward to disengage. Then give the Octameter a quarter turn downward to disengage it from the front clamp on the lid of the camera.



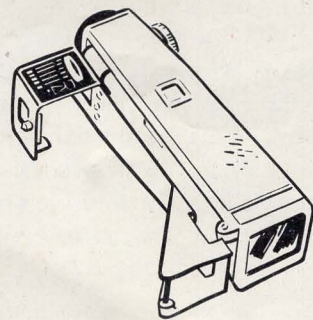
ATTACH STANDOFF SUPPORT

Insert the front of the standoff into the front clamp in the lid. With the locking lever at the back in the open position, bring the standoff in contact with the camera's rear clamp. Swing the lever down. This firmly fastens the standoff to the lid.



ATTACH OCTAMETER FINDER

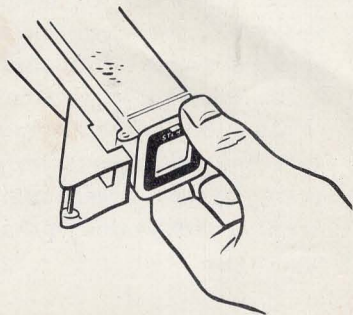
The Octameter is fastened to the standoff in the same manner that the standoff is attached to the camera lid.

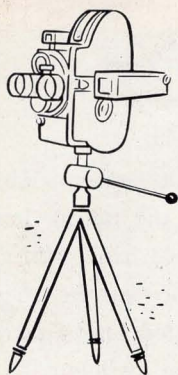


ATTACH VIEWFINDER MASK

a. Mask with Clamps for Octameter Viewfinder without forward grooves; Set the viewfinder at 16mm position (or 15mm). Press the mask with clamps over the front of the Octameter with the thumb. Bend the clamps slightly to insure a tight fit if necessary.

b. Slide mask for Viewfinders with forward grooves; Set the viewfinder to "16", then slide the mask into its grooves.





USE A TRIPOD

For professional results, a tripod is recommended. For ordinary shooting the camera may be hand-held.

FILM

The Bolex Stereo Camera uses the same 16mm black and white or color films as other 16mm cameras.

DIAPHRAGM SETTING

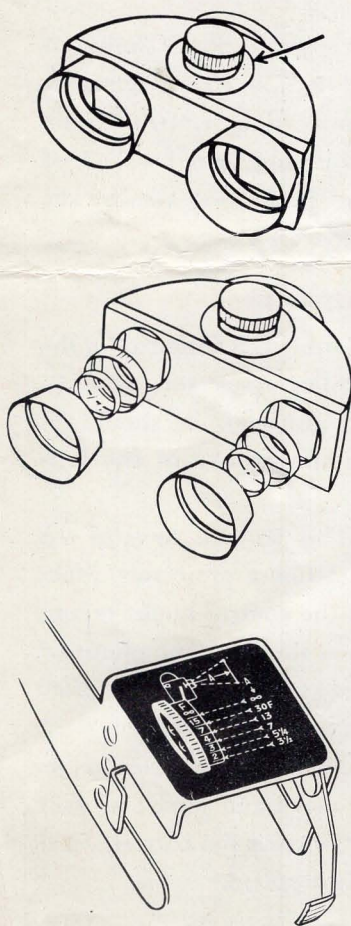
The diaphragm is used in the same way as with ordinary work. It is adjusted by a milled knob on top of the taking lens. The scale is graduated from 1:2.8 to 1:22.

FILTERS AND SUNSHADES

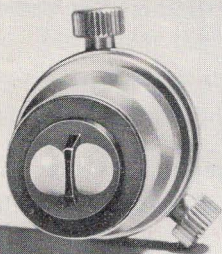
Combination filter adapter rings and sunshades are available as accessories. Screw onto the front of the taking lens after present sunshades have been removed.

VIEWFINDER PARALLAX

Because the Octameter has been extended, its parallax correction markings are no longer true. The scale on the standoff bracket is the conversion chart to correct for the new position. Thus if filming distance "A" = 30 ft. (9m), the scale should be set to 15 ft. (5m), the new corrected reading.



Projecting Stereo Movies



PROJECTION LENSES

The special twin projection lenses match the fine optical qualities of the taking lenses. They are fitted with Polarizing filters arranged at right angles to one another in each light channel. The knurled knobs provide focusing and alignment adjustment.

REMOVE PRESENT LENS

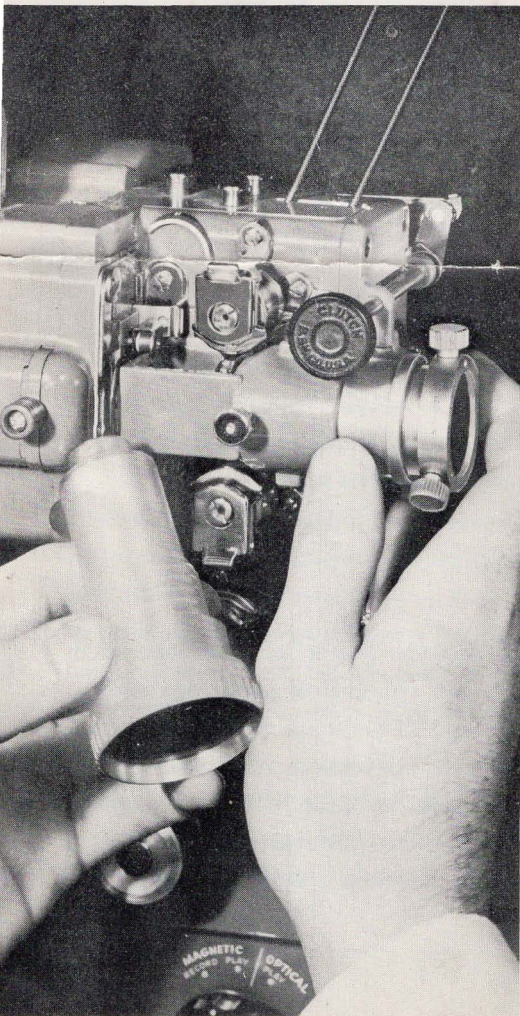
Bolex Stereo projection is similar to regular projection. Using your present 16mm projector, (the Bolex Stereo Projection Lens fits 90% of all modern projectors) remove the regular lens.

SUBSTITUTE STEREO LENS

Type G. This lens is designed for the Paillard-Bolex Projector, type G. The lens guiding pin should fit freely in the groove of the lens housing.

Type S. This lens fits most of the late model 16mm projectors. Make sure that the control knobs occupy positions as shown in the photo i.e. red circled knob is on top, and front markings read normally.

Adapter Sleeves. It is necessary to state the make and model of your projector, so that the correct sleeve adapter is supplied.



TYPE G

Rough Focus. Move the lens back and forth in its housing, keeping the white dot of the focusing control pointing down.

Horizontal alignment. Turn the lens slightly in the required direction. Lateral play of the pin in the lens housing groove permits this. **NOTE:** Remove stereo spectacles while doing this.

Fine Focus. This is done by means of the focusing control (knob with white dot).

BOLEX STEREO SCREEN

The special Bolex Stereo screen should be set up 10 feet from the projector. It should be taut and perfectly centered. The single overlapping edge of either side should be cropped off by the black sides of the screen, and the twin images should crop evenly at the top and bottom of the screen's aluminized limits.

Polarizing Qualities. Only the special Bolex Stereo screen should be used because of its polarizing qualities. Regular screens will not work. **NOTE:** A frosted plastic sheet may be used as a rear-projection screen. If used, remember to rewind the film with emulsion side out so that titles will read correctly.

SEATING ARRANGEMENT

Because of the type of reflecting surface needed for Polarized light, the picture is best seen close to the projector. Seats may be placed forward, behind and at both sides of it. The viewing angle should be limited to 25° as shown in the diagram.

The Polaroid spectacles should be kept clean, and the wearer should not tip his head to either side, as this neutralizes the polarizing action.

TYPE S

Focus the image on the screen by sliding the lens back and forth in its housing.

Turn the lens in its housing. Finer adjustment can then be done by turning side knob on lens. **NOTE:** Remove stereo spectacles while doing this.

Turn the upper knob on the lens, taking care not to alter the horizontal alignment.

