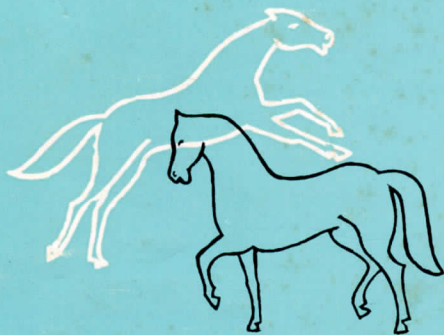
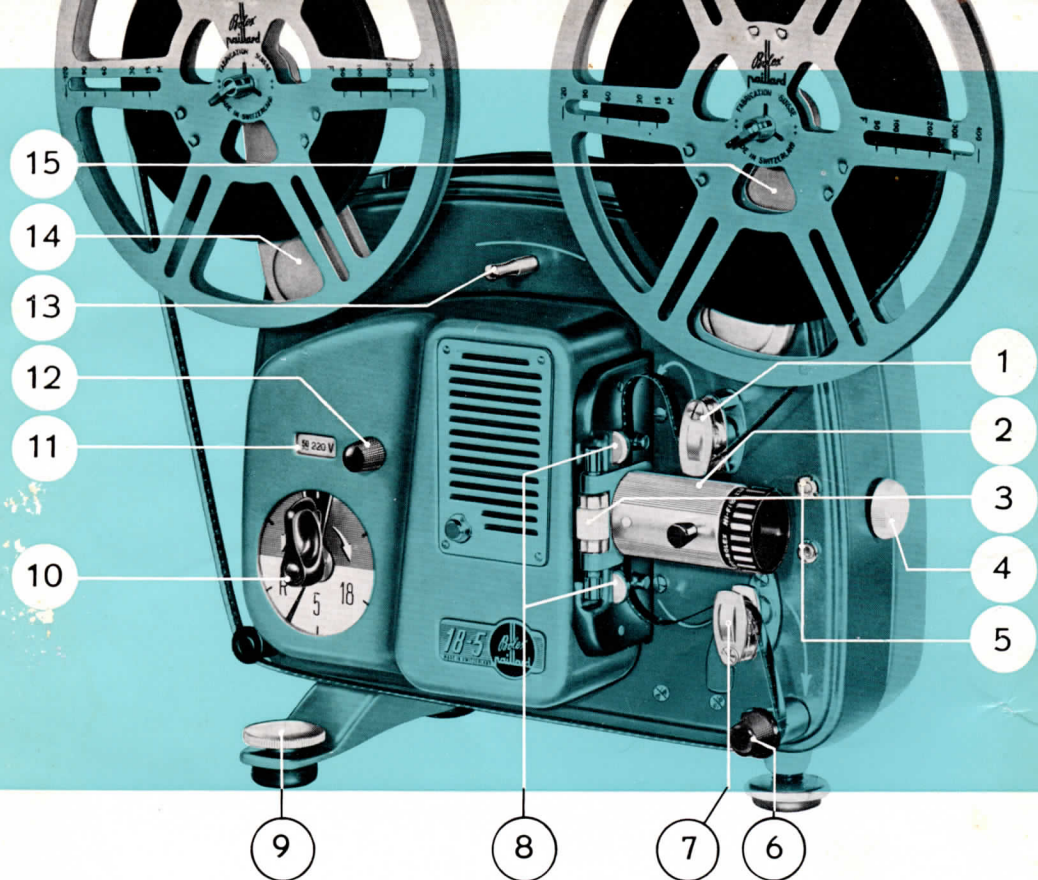




Instruction Manual
PROJECTOR
18-5



As the owner of a new BOLEX 18-5, you have at your command the world's most versatile 8 mm movie projector. With its exclusive "living still" advantage, plus a wealth of other new features, the 18-5 can be your source of many years of superb viewing. The purpose of this booklet is to show you how to get the most satisfaction out of these new features. Take a few minutes to carefully read every page. Examine the projector as you read, making yourself familiar with all of its controls. You will find this a very worthwhile investment of your time. The result of a totally new concept of projector engineering, the BOLEX 18-5 is precision made by master Swiss craftsmen. Given a reasonable amount of care it will give you perfect performance indefinitely. For any adjustment or repair please contact your nearest BOLEX Franchised Dealer.



The 18-5 projector is manufactured in two versions:

Version I:

Voltage selector
for 110 - 125 - 160 - 220 - 240 V.
AC mains supply 50 cycles p.s.

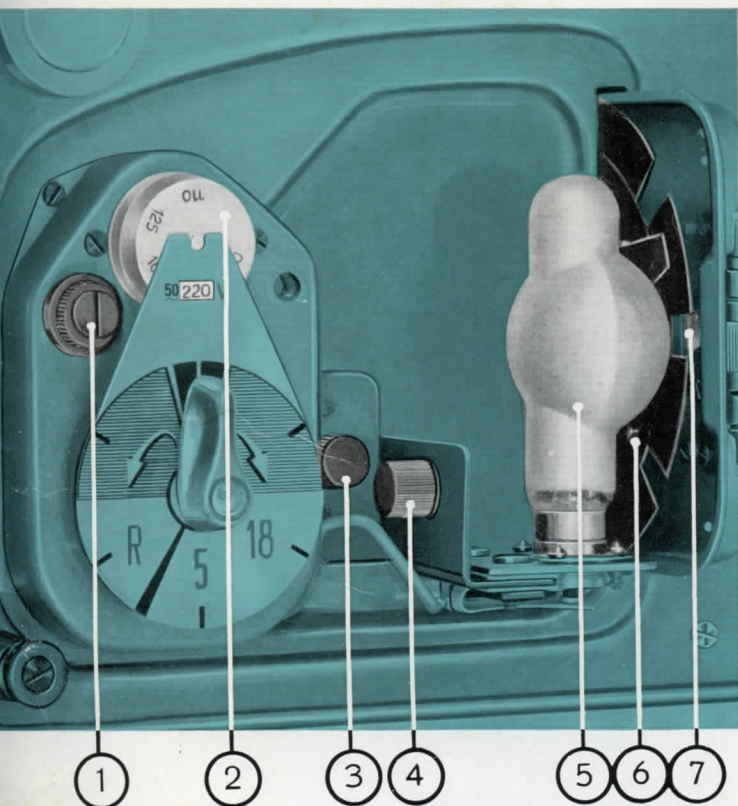
Version II:

Voltage selector
for 110 - 117,5 - 125 - 160 - 230 V.
AC mains supply 60 cycles p.s.

1. Feed sprocket
2. Lens holder and lens
3. Framing control
4. Control to check threading
5. Anamorphic lens holder
6. Height control
7. Take-up sprocket
8. Film guides
9. Leveling control
10. On-off, reverse, and speed switch
11. Voltage indicator
12. Holding screw for lamp housing cover
13. Film rewind guide
14. Arm for take-up reel
15. Arm for feed reel

Closing the lid cover for carrying the projector

Make sure that the red stroke situated above the locking slide is not visible.



Behind the lamp housing cover:

1. Fuse
2. Voltage selector
3. Control for vertical centering of lamp
4. Control for horizontal centering of lamp
5. Lamp
6. Shutter
7. Catathemic heat filter

The chart below tells you the picture size you will get with each of four Paillard-Bolex Hi-Fi f/1.3 projection lenses with your projector at various distances from the screen.

Lens	Picture sizes at varying screen distances								
	8 ft.	10 ft.	12 ft.	15 ft.	20 ft.	25 ft.	30 ft.	40 ft.	50 ft.
15 mm	27×20"	34×25"	41×31"	51×38"	69×51"	86×64"	103×77"	138×103"	—
20 mm	—	26×19"	31×23"	39×29"	52×39"	65×48"	78×58"	104×78"	130×97"
25 mm	—	20×15"	25×18"	31×23"	41×31"	52×38"	62×64"	83×62"	103×77"

I. SETTING UP YOUR PROJECTOR

1. To remove the front cover press the lock slide **down**. When a red line appears from under the slide simply lift off the cover.
2. Raise both reel arms until they stop.

II. BEFORE STARTING PROJECTION

1. Make sure that the number appearing in the voltage indicator corresponds exactly to the mains supply voltage. If it does not, proceed as follows :
2. Remove the lamp housing cover by turning the holding screw.
3. Set the voltage selector to the correct voltage.
4. Check the fuse. (To remove it push the fuse holder in and turn slightly.)
Up to 160 V : Fuse 1.25 A.
Higher voltages : Fuse 0.63 A.
If your projector is fitted with a fuse of 0.63 A, you will find a spare one and another fuse of 1.25 A attached to the holding screw of the lamp house panel ; and vice versa.
5. Replace the lamp housing cover.

1



2



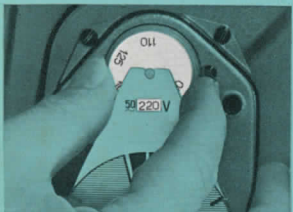
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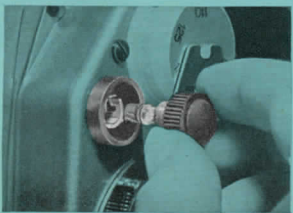
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4



III. OPERATING YOUR PROJECTOR

1



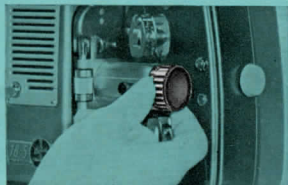
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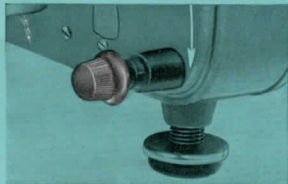
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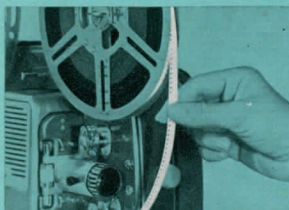
1. Connect the projector to the power supply.
2. Use the short wire to connect a room lamp, which will turn off automatically when the projection lamp lights. (Room lamp must not exceed 70 W.)
3. Start the projector by moving the control clockwise to **18**.
4. Turn the lens in its mount (in either direction) until the area of light on the screen has the sharpest possible edges.
5. Raise the projector to the desired height.
6. Turn the leveling control until the light area is straight.
7. Stop the projector.

IV. THREADING THE FILM

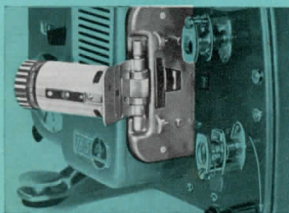
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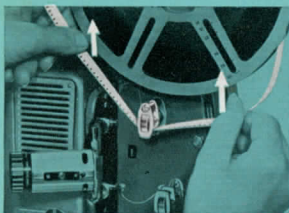
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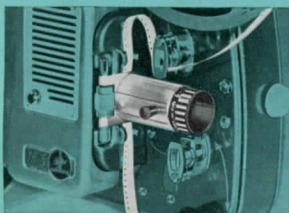
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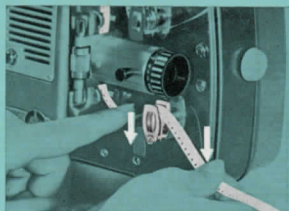


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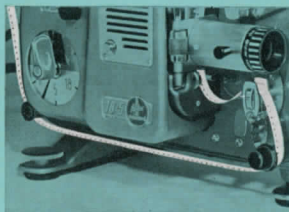
1. Place the empty reel on the rear arm and the full reel on the front arm. Be sure to fold down the safety catches. (Reel capacity: 400 feet.)
2. For forward projection, the full reel must turn in a clockwise direction, with the film perforations on the operator's side.
3. Open the film gate by swinging out the lens holder.
4. Unroll about 3 feet of film and insert it into the feed sprocket by pulling gently upward. Make sure that the sprocket teeth are properly engaged with the film perforations.
5. Follow the diagram on the projector to form a loop, and place the film in the gate.
6. Close the lens holder.

7



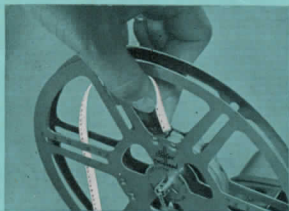
7. Form the bottom loop by following the diagram on the projector, and insert the film into the take-up sprocket.

8



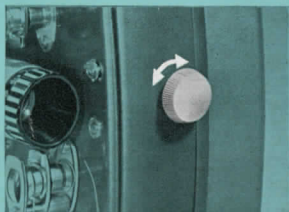
8. Pass the film under the guide rollers.

9



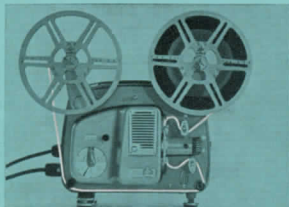
9. Insert the free end into the empty take-up reel and tighten it slightly by turning the reel in a clockwise direction.

10



10. Turn the threading check control to make sure that the film is threaded to advance properly through the projector.

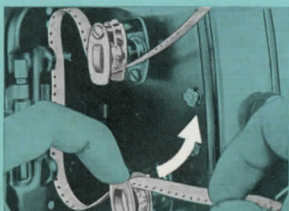
11



11. Ready to show... your projector should look like this.

Unloading the film

12



12. To remove the film before it has been completely projected, open the lens mount, take hold of the film at the point where it comes off the take-up sprocket-wheel and release it by pulling gently upwards, then, without letting go off the film, pull it towards you to free it from the feed-in sprocket-wheel. Push the sprocket-wheel side-plate aside to facilitate withdrawal of the film.

V. PROJECTION

1. Switch in STOP position.

2. Forward motion at 18 f.p.s., lamp switched off.

3. Forward motion at 18 f.p.s., lamp switched on.

4. Forward motion at 5 f.p.s., lamp switched on.

5. Backward motion at 18 f.p.s., lamp switched off.

6. Backward motion at 18 f.p.s., lamp switched on.

1



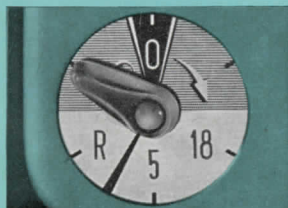
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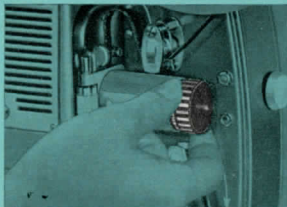


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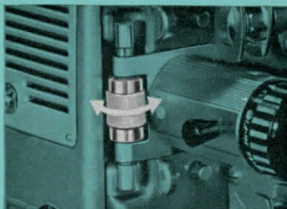
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7. Focus for picture sharpness by turning the lens in its barrel.

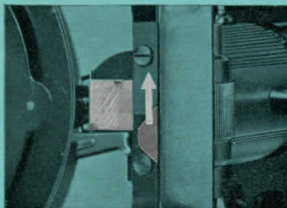
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8. Frame divider lines appearing on the projected image may be eliminated by turning the frame control.

Focusing and framing can be accomplished most easily, and with the smallest film waste, by running the projector at 5 f.p.s.

9



9. The catathermic filter preserves the film from excessive heating, without reducing light in any appreciable manner. While this filter may be removed it is not advisable to do so.

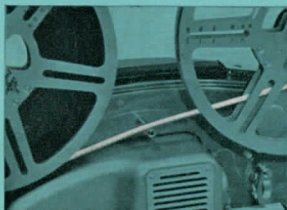
VI. FILM REWIND

1



1. Insert the film end into the empty reel.

2



2. Pass the film over the guide, following the line on the projector.

3



3. Turn the motor switch counter clockwise to the first black mark.

VII. MAINTENANCE

Self-lubricating bearings make lubrication unnecessary.

1. To avoid any risk of scratching, it is advisable to wipe the film gate, sprockets and guide rollers often with a clean, slightly moistened cloth.

To clean the taking aperture of the lens-holder, use a brush or a small piece of foam plastic.

2. The lens should be cleaned with a fine, soft brush, or with a special tissue paper sold in photo stores.

The catathermic glass should be free from any trace of grease or dust. To clean it, use a solvent composed of alcohol and ether in a proportion of 50 %.

Replacement of projection lamp

(Standard equipment : Philips lamp
Type 13113-C/04)

1. Remove lamp housing cover and remove old lamp.

2. Insert new lamp in place by turning clockwise onto retaining screws.

3. Center horizontally.

4. Center vertically.

While centering the lamp, the framing control on the lens holder must be in mid position. The lamp is correctly centered when brightness on the screen is uniform. Centering may be performed with no danger when the lamp is on.

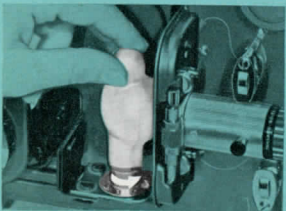
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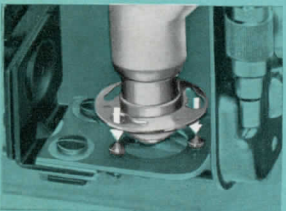
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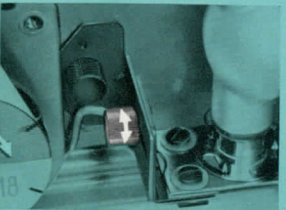
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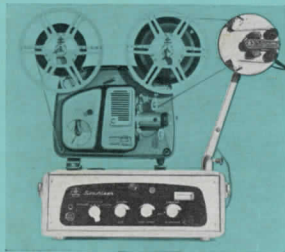
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VIII. ADDING SOUND TO YOUR FILMS

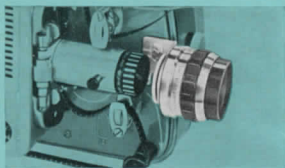


The compact size of your Bolex 18-5 makes it the ideal companion for the Bolex Sonorizer. Ask your Bolex dealer how the Sonorizer can turn your 18-5 into a magnetic sound projector, let you make exciting sound movies out of new or old films.

IX. ACCESSORIES

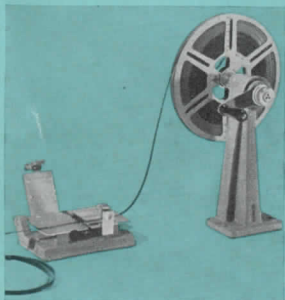
Wide Screen Movies

Your 18-5 has a special holder that takes Bolex Anamorphic lenses for wide screen movies with the same pleasing 2:1 picture ratio used in Hollywood productions.



Splicer

Easy to use, with self-sharpening blades; micarta knife for emulsion removal. Won't hurt perforations or film.



Titler

Gives your 8 mm films that « professionally finished look ». Available as a "starter" kit for regular titling, and with an accessory kit for producing all kinds of trick effects, animation, etc. Has unique device that guarantees perfectly centered titles.



**Make sure you own
the perfect teammate
for your 18-5 projector.**

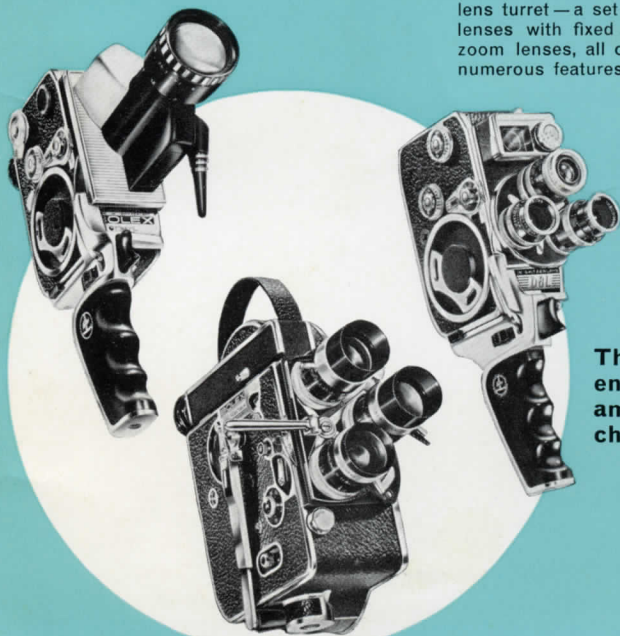
Your Bolex 18-5 projector has been designed and built to deliver the ultimate in home movie enjoyment, but it takes a precision crafted Bolex camera to produce films whose excellence will be compatible with its perfection.

POCKET-SIZE COMPUMATIC CAMERAS —

With two or three lens turrets or a single lens model, one or seven filming speeds, with or without variable shutter, all models equipped with the unique Bolex compumatic behind the lens exposure meter system.

BOLEX ZOOM REFLEX P 1 — This new 8 mm movie camera features built-in f/1.9 Pan Cinor zoom lens with a continuous zoom range from 8 mm wide angle to 40 mm telephoto, an ultra-sensitive compumatic exposure system measuring light through the lens, a brilliant reflex viewfinder, a built-in split-image range finder for accurate focusing, seven filming speeds, variable shutter and film rewind for lap dissolves.

H 8 REFLEX — The movie camera for the advanced amateur or the professional—large film capacity—three lens turret—a set of specially designed Kern-Paillard lenses with fixed focal lengths as well as special zoom lenses, all of them with preset diaphragm and numerous features for professional effects.



**The ultimate in home movie
enjoyment: BOLEX. Both
amateurs and professionals
choose BOLEX for perfect
results.**

Remember please that BOLEX is a world known brand name. Excellent service is available at nearly all points of the globe. Only Paillard BOLEX agents are authorized to service your equipment.



PAILLARD S.A.
Sainte-Croix (Switzerland)

