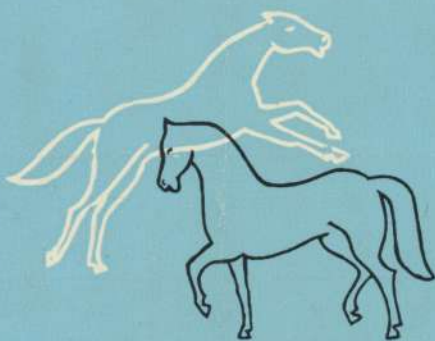




Instruction Manual

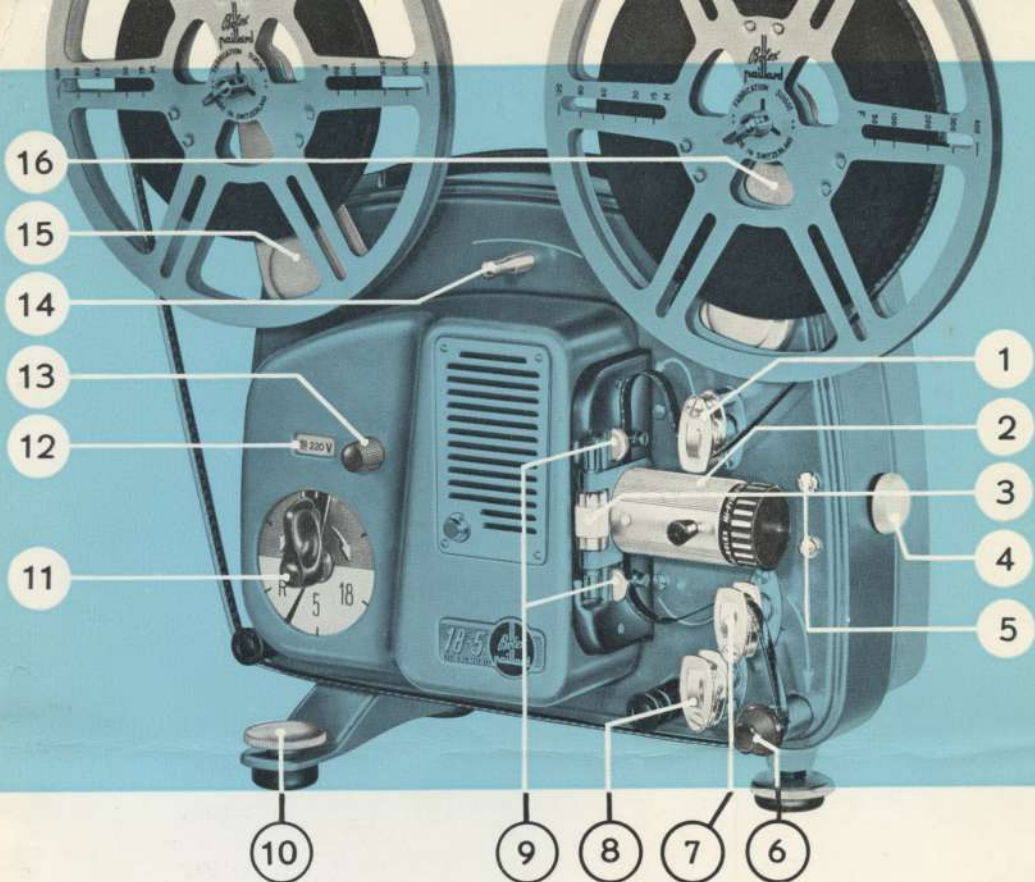
18-5

PROJECTOR



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.

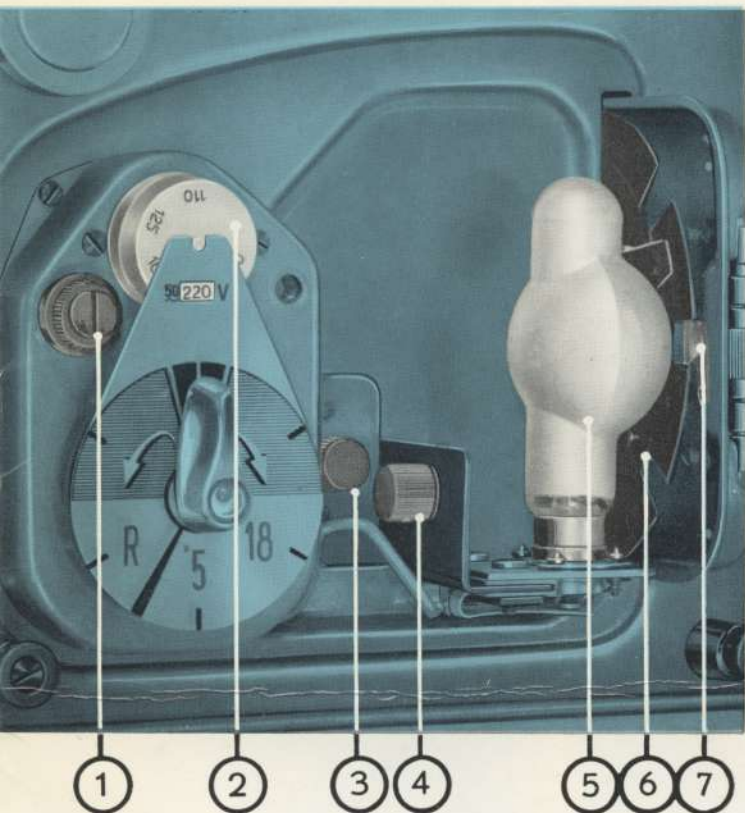
Version II:

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

Closing the lid cover for carrying the projector

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

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. Sprocket and guide roller for sound recording
9. Film guides
10. Leveling control
11. On-off, reverse, and speed switch
12. Voltage indicator
13. Holding screw for lamp housing cover
14. Film rewind guide
15. Arm for take-up reel
16. Arm for feed reel



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/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.

III. OPERATING YOUR PROJECTOR

1



2



3



4



5



6



7



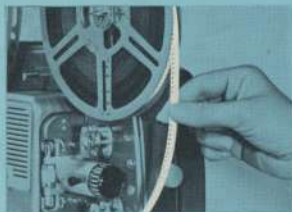
1. Connect the projector to the power supply.
2. Use the short wire to connect a room lamp, which will turn off automatically when the projection lamp lights. (Room lamp must not exceed 70 W).
3. Start the projector by moving the control clockwise to **18**.
4. Turn the lens in its mount (in either direction) 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

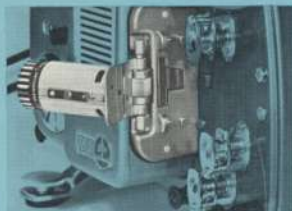
1



2



3



4



5



6



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 **higher** take-up sprocket. (The lower sprocket is only to be used when adding sound.)

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. To remove the film before it has run through the projector entirely: hold it at a point just in front of the take-up sprocket and pull up gently.



V. PROJECTION

1. Switch in STOP position.

1



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

2



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

3



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

4



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

5



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





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. **And coming soon:** a new device which synchronizes a tape recorder with your 18-5.

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.



To project good films, shoot them with a Paillard-Bolex camera

Paillard-Bolex offers a wide range of cameras, with or without built-in lightmeter, simplified or having the latest advantages, to suit the tastes and wishes of everyone.



Pocket-size cameras:

C8SL

One lens only, but interchangeable.
One filming speed only.
Built-in Paillard-Bolex lightmeter. Easy to use.



B8L

Turret for two interchangeable lenses.
7 filming speeds.
Built-in Paillard-Bolex lightmeter.
Variable shutter.



D8L

Turret for three interchangeable lenses.
7 filmings speeds.
Built-in Paillard-Bolex lightmeter.
Variable shutter.

A large-capacity camera:

H8

Three-lens turret.
Takes 25, 50 and 100 ft. spools of double-8 film.
Many extras for special effects.





PAILLARD LTD.
Sainte-Croix (Switzerland)

