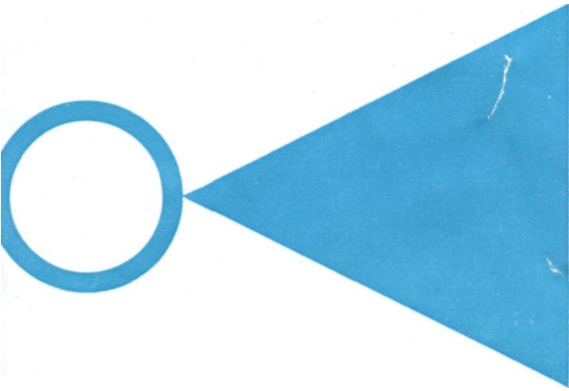


**ILFORD**

**S P O R T S V I E W  
P R O J E C T O R**

**INSTRUCTION BOOK**

Now that you're the owner of a new Sportsview Projector, you'll want to begin using it right away. The Sportsview Projector is extremely simple to operate, but, as with any other precision optical instrument, there is a right way and a wrong way of going about it. So read through this booklet carefully, with the Sportsview beside you, before you start projecting your transparencies.



## GENERAL DETAILS

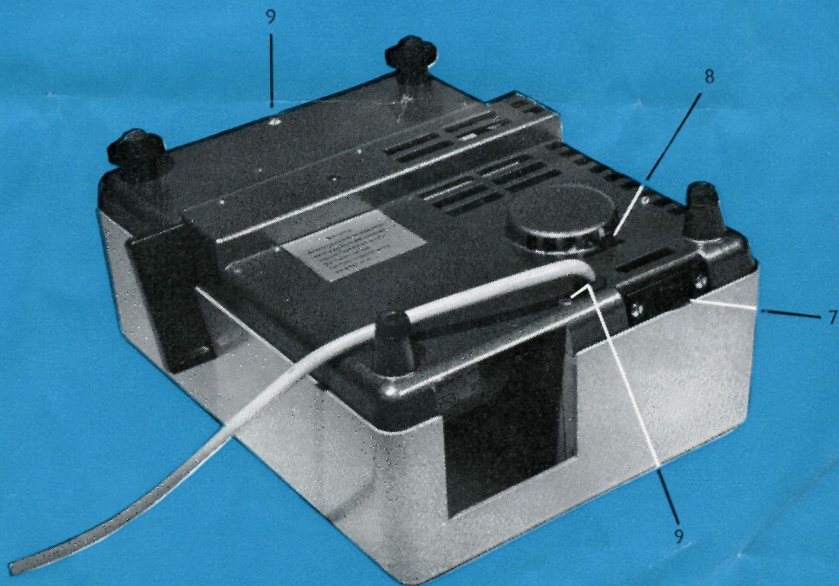
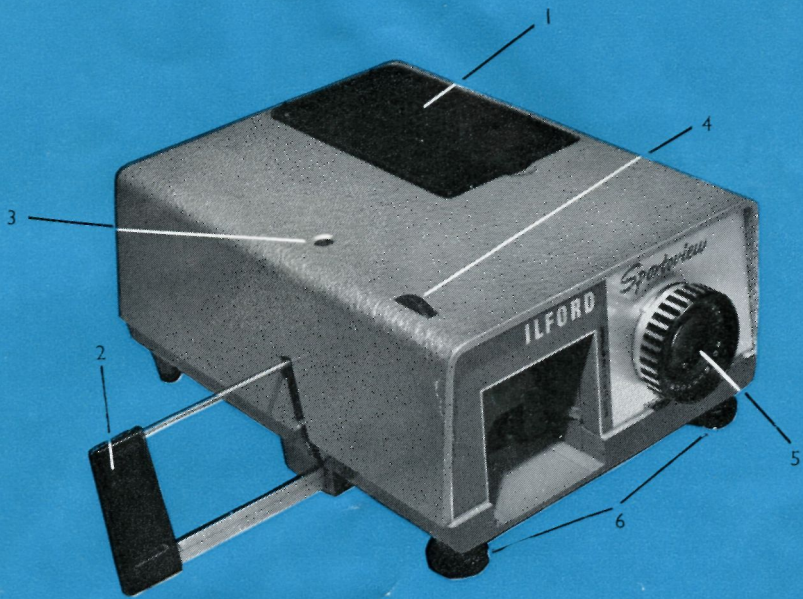
The Ilford Sportsview Projector will project any standard 2x2 in. miniature slide. Just load the magazine with up to 30 slides, fit it into the projector, and you're all set to give a complete slide-show, simply by operating the autochange lever.

The Sportsview Projector has been designed as a complete unit, combining a first-class optical system, magazine loading, and a modern slide-changing mechanism.

A new valve-base type lamp with a very high light output provides the illumination, and a scientifically computed mirror/aspheric condenser system and f/2.8 Rodenstock coated anastigmat lens combine to give a brilliant, needle-sharp picture.

The magazine makes the Sportsview *really* simple to operate, because you load the slides before you start to project. This means that all you have to do is to operate the autochange lever when you want to change the picture, and your slide-shows will run with "professional" smoothness.

Spare magazines are readily available, so you can keep all your slides in magazines if you wish. The big advantage of this system is that your slides need never be handled, and they are always ready for instant projection.



- |                            |                                |
|----------------------------|--------------------------------|
| 1 Lamp-house Cover         | 6 Front Feet                   |
| 2 Autochange Lever         | 7 Lamp Switch                  |
| 3 Inspection Window        | 8 Mirror Adjusting Lever       |
| 4 Fine-Focus Control Wheel | 9 Top Casting Retaining Screws |
| 5 Lens                     |                                |

# HOW TO USE YOUR SPORTSVIEW PROJECTOR

## **Electrical connections**

For electrical safety, use an earthed supply for your Sportsview Projector. Connect the leads to a suitable three-pin plug, making sure the green (earth) wire is properly connected.

A lamp switch (7) is fitted at the back of the projector and a red dot is exposed when this is switched on. When not in use, the Sportsview Projector should be disconnected from the mains supply.

## **The Lamp**

A type A1/182 lamp is supplied with the Sportsview Projector. Make sure it is of the correct voltage for the mains supply in your area. If it is not, **DO NOT USE THE LAMP**, but consult your Ilford Photographic Dealer.

Before you insert the lamp, make sure the projector is disconnected from the mains supply.

Remove the lamp-house cover (1) by lifting from the front.

Insert the lamp into the lamp-holder and push it right home. (The lamp-holder has been designed so that the lamp can only be fitted in the correct position.)

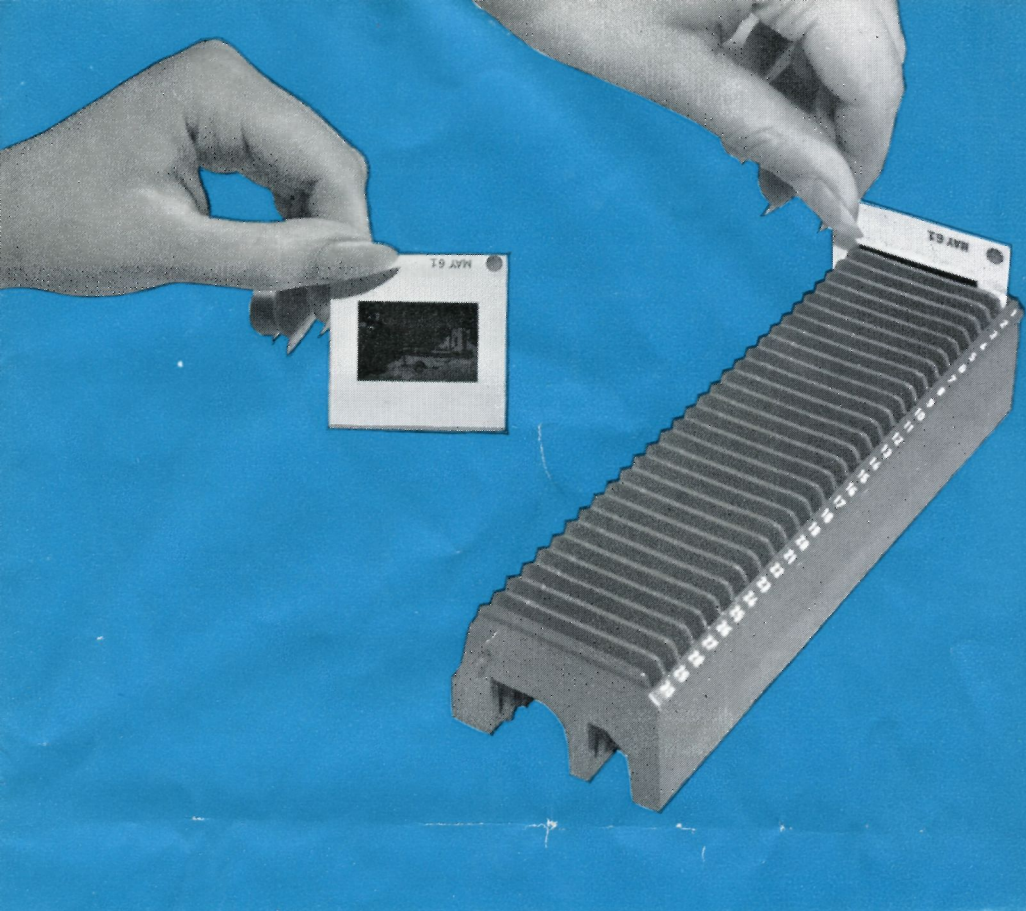
Replace the lamp-house cover by positioning the back against the supporting lugs and then snapping the front into place.

When the lamp is hot, the filament is easily damaged, so take care not to knock the projector when it is switched on as this may shorten the life of the lamp. After switching off, allow the lamp to cool for a few minutes before moving the projector.

## **WARNING**

The lamp is cooled by convection, and ventilation holes are provided underneath the projector as well as on top. Standing the projector on a cushion, or allowing these holes to become obstructed in any other way will cause overheating, and may result in serious damage.





### **How to load the Slides into the Magazine**

Place the magazine in front of you so that No. "1" is farthest away and "30" is nearest to you.

Hold each slide so that the image is the correct way round.

Now rotate the slide so that the image is upside-down and place it in the magazine.

In the case of "spotted" slides, the magazine should be loaded so that the spots are in the top right-hand corner facing you.

For the very best results, Sportsview Transparency Frames are recommended, although the Sportsview Projector will work very well with transparencies bound between cover glasses or card mounts. If your transparencies are in card mounts, make sure these are not bent or damaged or they may jam in the projector.

## **Loading the Magazine into the Projector**

Pull out the autochange lever (2) as far as it will go.

Slide the magazine into the aperture at the back of the projector, making sure that it is flat with the platform and not tilted. The magazine will slide freely until the figure "24" is just inside the aperture. With gentle pressure, push the magazine so that it clicks into position with the figure "25" just inside the aperture. In this position, when the projector is switched on, figure "1" is illuminated and will be visible through the inspection window (3).

Pushing the autochange lever in brings the slide into the projection position. Pulling the lever out returns the slide to the magazine, advances the magazine to the next position, and brings a capping blade into position to prevent any light from falling on the screen. After you have shown all the slides, remove the magazine from the front of the projector.

The Sportsview Projector has been designed so that, when the autochange lever is pulled out as far as it will go, the magazine may be moved to any position by hand. By observing the numbers through the inspection window while adjusting the magazine, it is possible to show any slide at will.

Always operate the autochange lever smoothly and evenly. Violent or jerky movements will prevent the slides from changing properly and cause jamming.

## **How to focus the Lens**

Set the fine-focus control wheel (4) to a central position, so that it is possible to make adjustment in either direction.

Now, with the first slide in the projection position, rotate the lens (5) until the image is sharply focused on the screen.

During a performance, it may be found that slides of differing thickness will need refocusing slightly. The fine-focus control enables this to be carried out quickly and easily.

Always position the lens by screwing it in and out. Never push or pull it into position.

## Tilt Adjustment

You may need to raise the front of the projector in order to get all of the picture on to the screen. This is done by rotating the two front feet (6) until the correct adjustment is obtained.

It is not a good idea to tilt the projector too much because this will give a slightly distorted picture. The best way to avoid this is to place the projector on a higher support.

## Adjusting the Mirror

In order to get maximum screen brightness it may be necessary to adjust the mirror.

Insert the special card provided into the magazine and bring it into the projection position by means of the autochange lever.

Remove the lens and observe the image of the filament wires on a screen or card about 6 inches in front of the projector.

The wires of the filament should be seen with an inverted secondary image in the position shown in the diagram. If this is not the case, the mirror should be adjusted by moving the lever (8) which is situated underneath the projector.

Replace the lens and the projector is ready for use.



This is how the image of the filament will appear when the mirror is correctly adjusted.

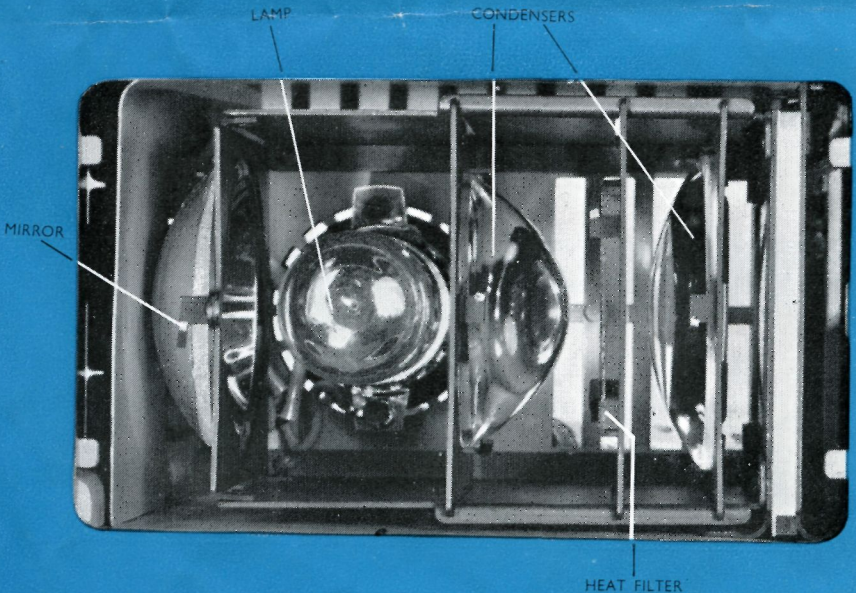
## Cleaning the Optical System

The optical components of the Sportsview Projector should not need any cleaning apart from being dusted occasionally with a very soft, dry brush. The lens can be screwed right out for cleaning, and the condensers and heat filter are mounted in metal slides so that they can easily be removed. When dusting the mirror it is best to remove the lamp first.

Any marks that cannot be removed by dusting should be wiped gently with lens cleaning tissue.

When you replace the optical components, make sure they are in the correct position and the right way round.

Your Sportsview Projector will not work properly if the heat filter and condensers are replaced incorrectly. This photograph shows the optical components in their correct positions when seen from above.





## If your Slides become Jammed

Bent or damaged slides may become jammed in the projection position.

Make sure the projector is disconnected from the mains supply, and then remove the two retaining screws underneath the projector (9).

The top casting can now be lifted off, and the slide released by hand.

Before you reassemble the projector, make sure the capping blade is operating correctly.

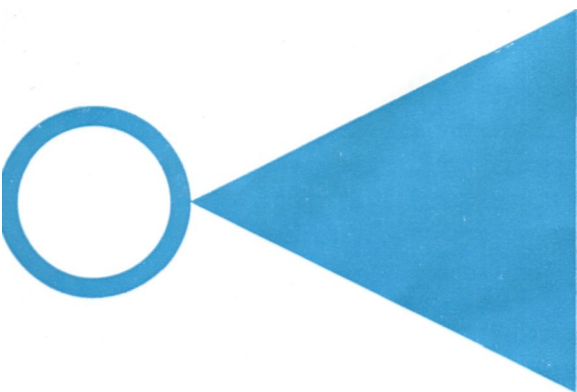
If you are going to carry your Sportsview Projector when it is loaded with a magazine containing slides, it must always be held in the normal operating position. If it is carried on its side, or if it is shaken or bumped about, the slides will come out of the magazine and jam the mechanism.

## Screens

A square screen with a matt white surface is the most suitable type for use with the Sportsview Projector. By using a square screen, you can show either vertical or horizontal slides without moving the projector, and the matt white finish gives maximum brilliance for all-round home use.

The following table gives the picture sizes you will obtain at various projection distances. This will help you to select the most suitable screen size for your purposes.

Approximate Projection Distance	Picture Size from 24 x 36 mm. Transparency	Recommended Screen Size
<i>Feet</i>	<i>Inches</i>	<i>Inches</i>
5 $\frac{3}{4}$	18x27	30x30
8	24 x 36	40 x 40
10	32x48	50x50



# ACCESSORIES FOR YOUR SPORTSVIEW PROJECTOR

## **Extra Magazines**

Extra magazines are available from your Ilford Photographic Dealer. Many of the types available will not fit, so be sure to ask for Ilford Sportsview Magazines. These are supplied in an attractive transparent storage case, with index, containing two magazines.

## **Sportsview Transparency Frames**

Sportsview Transparency Frames are specially designed for use in magazine-loading projectors. They are made in black plastics with a white sealing strip, and the transparency is sandwiched between two specially selected cover glasses for complete protection.

Sportsview Transparency Frames are supplied in boxes of 20.

## **Spare Lamps**

Only type A1/182 lamps are suitable for use in the Sportsview Projector. It is a good idea to keep a spare, so that you will never have to abandon a slide-show due to lamp failure.

## **Carrying Case**

Ask your Ilford Dealer to show you the Carrying Case which has been specially designed for the Sportsview Projector. Styled in soft, two-tone grey plastics, it is invaluable for transporting your Sportsview Projector when you want to give a slide-show away from home, and gives excellent protection from dust and damage.



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