

7(a). TO USE TRANSFORMER.

The most suitable transformer for the ACE PROJECTOR is a 4v. or a 6v. (the S.E.L. Transformers No. 1302 or No. 1306 are ideal for this purpose), and the correct voltage bulb should be used with it. Fix standard wander-plugs to the leads of the transformer and insert these in the side of the projector opposite the handle. The transformer should then be connected to the mains supply. The use of a transformer is of course an alternative to batteries and if leads from a transformer are used they should be removed each time the magazine is opened. Note:—The batteries must be removed before connecting a transformer.

7(b). TYPE OF BULBS FOR USE WITH TRANSFORMER.

Reference instruction No. 7(a)—with a 6v. Transformer, use a 6v. or 6.5v. .3 amp. bulb, and with a 4v. Transformer, use a 4v. or 3.5v. .3 amp. bulb. When buying a bulb, ask for the appropriate M.E.S. screw-in type as above and specify that the bulb head should be the same size as the one fitted to your Projector, i.e. 11 to 12 mm. diameter. If the head of the bulb is too large, it will touch the side of the bulb housing and/or the lenses, and cause distortion to the mouldings. This distortion is caused by the heat generated by the bulb, and cannot be repaired.

8. TO OPERATE.

Place the projector on a table with the lenses facing a white or cream wall or surface and turn the handle in a clockwise direction until it is in the "down" position. In this position a picture will be projected. Turn the handle completely round. This action automatically turns the film to the next picture and operates the lighting mechanism. Repeat this movement until the complete film strip has been shown.

9. SIZE OF PROJECTED PICTURE.

This varies with the distance the projector is placed from the screen. The best result is given with a picture approximately 12" wide; but it can be projected satisfactorily up to 24" wide, though of course the strength of the batteries will affect the brightness of the picture. With a transformer, a much brighter and larger picture can be obtained.

10. USEFUL HINTS.

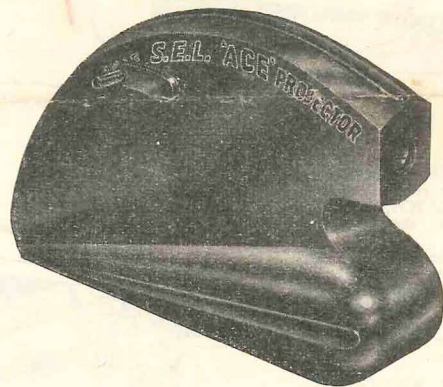
To clean the lenses, use only a SELVYT cloth or a very soft duster. When not in use leave the handle in the "off" position as shown in dotted line in fig. No. 1. If the projector is not being used for a considerable time, the batteries should be removed.

Care should be taken to ensure that the film is not kinked, as this will affect the operation of the projector.

Apart from the wide selection of specially produced cartoon film strips obtainable from the manufacturers, standard 16 mm. film strip can also be projected successfully with the S.E.L. ACE PROJECTOR.

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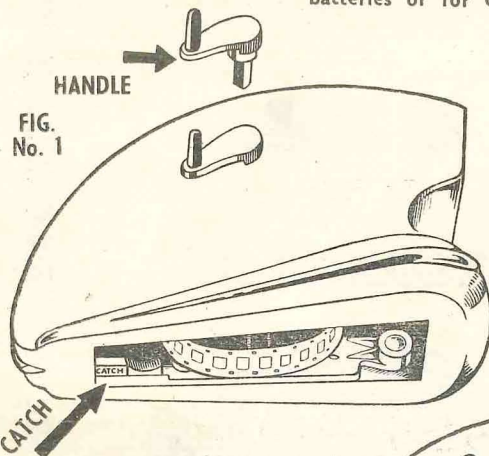
The **S.E.L.** **ACE** **PROJECTOR**



To operate the projector remove the magazine and insert batteries. Replace the magazine and insert the handle. For full instructions see inside.

INSTRUCTIONS FOR THE USE OF THE S.E.L. "ACE" PROJECTOR

The following instructions should be carefully followed for inserting batteries or for changing the film.



1. TO REMOVE HANDLE

To remove the handle (if already assembled to the Projector) turn to position shown in fig. No. 1 and pull out.

To protect in transit the handle has been removed and is attached to the side of the Projector.

2. TO REMOVE MAGAZINE

Look at the base of the projector and note the CATCH, which is clearly marked as shown on fig. No. 1.

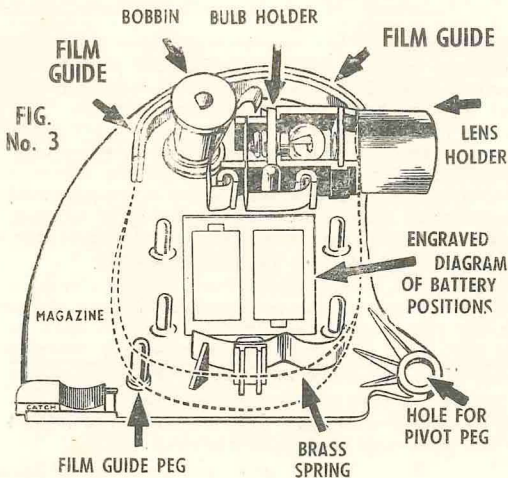
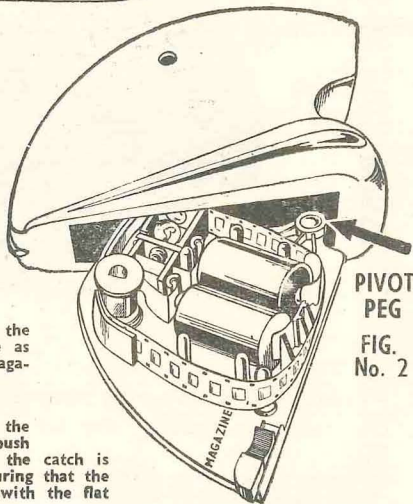
Slide the catch to the right, and at the same time pull out the magazine to position shown in fig. No. 2. Carefully lift the magazine off the pivot peg as illustrated in fig. No. 2 and remove from the projector.

3. TO INSERT BATTERIES

Use two U.11 batteries and place the correct way round in the magazine as shown by the engraving on the magazine itself. (See fig. 3.)

4. TO REPLACE MAGAZINE

Fit the hole in the magazine over the pivot inside the projector, then push magazine fully home ensuring that the catch is ENGAGED. Replace the handle ensuring that the flat part of the spindle is aligned with the flat part of the recess.



5. TO CHANGE THE FILM

Remove the handle and the magazine as in paragraphs 1 and 2.

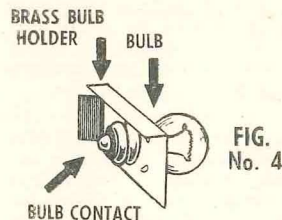
If a film is already in position carefully lift it off the pegs and out of the film guide.

To insert a fresh film, firstly ensure the glossy side of the film is inside the loop and that the picture frame "THE END" is level with the lens holder and the TITLE frame is above the lens holder.

Ensure that the film is smooth and free from sharp folds or wrinkles which may interfere with correct movement of the film in the magazine. Folds can be smoothed out gently with the fingers.

Then feed the film into the film guide to the left of the bobbin, continue round the bobbin and into the film guide on the right of the bobbin, then around the brass spring at the bottom of the magazine and the film guide peg (See the dotted line on fig. No. 3). Make sure the film is well down and that the top edge is below the top rim of the bobbin.

Replace the magazine as in paragraph 4.



6. TO CHANGE THE BULB

Should the bulb need replacing, remove the magazine (remembering that the handle must be removed first) and lift out the bulb holder and bulb (see fig. No. 4.) Unscrew the bulb and replace with a new one, ensuring that it is screwed into the right side of the bulb holder, and screw down approximately 2 full turns. Then replace the bulb holder and bulb in position in the magazine but do not push fully home. First try to line up the contact on the end of the bulb with the brass strip behind it, then push fully home ensuring that there is a firm contact. There is sometimes a tendency for the bulb to work loose after leaving the factory. When first used, check to ensure that the bulb is screwed down so that the bulb contact presses firmly against the brass strip behind the bulb and that the bulb holder is fully down.

Fig. No. 4 shows the correct fitting of the bulb in the bulb holder and is also facing the correct way for replacing in the magazine in relation to fig. No. 3.