Instructions for using the Box Camera

Takes the Standard Size 120 Film

W.259/E Printed in England
The fittings marked* are not standard on all models. Where they are fitted, instructions regarding their use will be found in following pages.

Fig. 1
IMPORTANT

HOW TO OPERATE THIS CAMERA

Before attempting to take a photograph first make yourself familiar with the various movements and fittings, as shown in Fig. No. 1.

HOW TO LOAD YOUR CAMERA

This camera can be loaded in daylight, but do not load in direct bright sunlight; always get into the shade.

Pull out winding key as far as it will come, at the same time turning it in a clockwise direction.

Release the clips on each side of camera.

This will enable you to open the camera as illustrated in Fig. 2.

Fig. 2
Insert spool of film in the holder at the bottom of the metal interior, with the end of the paper pointing towards the back of the camera.

Gently break and remove the gummed band that fastens your new spool of film. Lead the paper carefully over the rollers and across the opening in the back of the camera as illustrated in Fig. 3.

![Fig. 3](image)

Unfold the end of the red paper and thread it through the longest slot in the empty spool. Give the spool two or three turns to make quite certain the paper is held securely. **Take care that this paper fits squarely into the slot**, otherwise the film will not wind properly.
If, when fitting the red paper into the empty spool, you take the spool from the camera, **make certain when you replace it that the slotted end of the spool is next to the cut-out portion in the spool holder.**

Now close the camera. Refit it so that the winding key comes on the same side as the shutter lever as in Fig. 1.

Fasten the camera together with the two metal catches. Press in the winding key, at the same time slowly turn it clockwise until you feel it engage in the spool inside the camera.

Continue turning the winding key slowly, at the same time watching the red window at the back of the camera, until No. 1 is visible. (The cover plate of the red window must, of course, be opened to see the figures on the film and closed again immediately the number is in position.) The film is now in position for the first picture to be taken.

After taking the first photograph, turn the winding key until No. 2 is seen through the red window, and so on until the whole of the film has been exposed.
TAKING PHOTOGRAPHS

SUN BEHIND CAMERA

Always take your pictures with good sunshine on your subject, NOT SHINING INTO YOUR LENS.

The diagram above shows which are the best positions for the sun when taking photographs, and you should always try to keep the sun in one of these positions.
Focusing. Your camera is fitted with a pre-focused lens, so you do not have to worry about focusing, as this has been taken care of in the mounting of the lens, with the result that everything is in sharp focus from 10ft. to infinity.

“Close-up” Lens. This enables head and shoulder portraits to be taken at a distance of 4ft. to 9ft.

If your camera is fitted with a built-in “close-up” lens, it is only necessary to set the lever at the position marked “4ft. to 9ft.”, and you will find that you will get excellent pictures. If your camera has not a built-in “close-up” lens, you can obtain a lens complete in a metal mount from the dealer from whom you purchased your camera. You will find that it will fit on to the photo-taking lens of your camera quite easily.

Make certain that what you are photographing is centred in the viewfinder. And look into the viewfinder from directly over it, not at an angle.

What you see in the viewfinder will appear in the picture. Never tilt the camera up in order to photograph the top of a high building. If you do, the building will appear to be leaning backwards in your photograph.

Hold the camera steady and gently press the shutter lever with the thumb of the right hand.
The lever will return automatically to its position leaving the shutter set for the next exposure. Immediately you have taken a picture, turn the film to the next number. This will prevent two exposures being made on the same negative.

**Time Exposures.** If you want to take a photograph indoors, or out of doors when the sun is not shining, you must give a time exposure.

To do this, you must first pull out the Time Slide (see Fig. 1) as far as it will come.

Rest the camera on something solid, such as a chair or table, wall or gate. Take care to place it near to the edge of the support so that no part of it is included in the picture.

Press down the shutter lever, and hold it down until the correct exposure has been given. (This may vary from $\frac{1}{2}$ second to 30 seconds according to the subject.) Then gently release the lever to close the shutter again.

Be sure to press the Time Exposure Slide back again before commencing to take Snapshots.
EXPOSURE TABLE (for Indoor Pictures)

<table>
<thead>
<tr>
<th>Condition</th>
<th>Exposure Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Well-lit room near a window</td>
<td>2-3 secs.</td>
</tr>
<tr>
<td>Artificial light, two 60-watt bulbs at</td>
<td>5-7 secs.</td>
</tr>
<tr>
<td>4 feet or less from subject</td>
<td></td>
</tr>
<tr>
<td>Artificial light, two 100-watt bulbs</td>
<td>4-6 secs.</td>
</tr>
<tr>
<td>at 4 feet or less from subject</td>
<td></td>
</tr>
<tr>
<td>Photoflood I, within 4 feet of subject</td>
<td>1 sec.</td>
</tr>
<tr>
<td>Photoflood II, within 4 feet of subject</td>
<td>½ sec.</td>
</tr>
<tr>
<td>Inside buildings, churches, etc.</td>
<td>5-25 secs.</td>
</tr>
</tbody>
</table>

BY USING THE “CORO-FLASH” SYNCHRO-GUN, PERFECT INDOOR SNAPSHOTS MAY BE OBTAINED REGARDLESS OF LIGHTING CONDITIONS, AND WITHOUT TIME EXPOSURES.

If your camera is not fitted with “Coro-flash” contacts (see Fig. 1) the synchro-gun may be fired by hand.

If your camera has the contacts, the synchro-gun is attached to them, and will fire automatically when the shutter is opened.

Both operations are fully described in the leaflet supplied with the synchro-gun.

This inexpensive accessory can be obtained from your photographic dealer.

**Colour Filter.** To obtain good cloud effects, or a truer tone rendering, when taking pictures of
landscapes or seascapes, etc., use the Colour Filter, which is brought into action by pulling out to its full extent the lever on the side of the camera. The Filter should only be used when there is very bright sunshine, and should not be employed when taking portraits of people.

UNLOADING YOUR CAMERA

This camera can be unloaded in daylight but to avoid any possibility of fogging the edges of the film you must avoid direct light and do the unloading either indoors in an out-of-the-way corner, or in the shade.

After the last picture has been taken, continue to turn the winding key until the end of the red paper has passed the red window.

Open the camera as already explained.

Remove the exposed spool of film, taking care that the paper does not loosen on the spool while you are doing so.

A gummed slip will be found attached to the end of the red paper. Moisten it, and then stick the red paper down with it. (It is best to fold under about half-an-inch of the red paper before moistening the slip.)
The film is now ready for developing either by your local photographic dealer or by yourself.

Transfer the empty spool to the top spool holder, taking great care to see that the slotted end of the spool is against the cut-out in the spool holder. (Otherwise the winding key will not be able to engage the spool.)

Reload the camera with a fresh spool of film as already described.

**PITFALLS TO AVOID**

Do not attempt to take “Snapshots” indoors, nor in very shady places, nor on dark days; you will only waste your time, your film, and your patience.

For this type of picture use a “Time” exposure or, better still, a “Coro-flash” Synchro-Gun.

Do not leave the camera about in the glaring sun for any length of time.

Do not let seaside sand or dirt get into the camera, or you will have the shutter stick.

**DEVELOPING AND PRINTING**

Any Chemist or Photographic Dealer will develop your film and make the necessary prints for you at a moderate charge.
For Christmas and Birthday Parties and all other "Occasions"

The CORO-FLASH will enable you to take splendid pictures indoors with any camera, whether synchronised or not.