ILFORD Sporti 6 roll film camera
CAMERA DETAILS

1. Accessory shoe
2. Wind-on reminder
3. Film transport lever
4. Shutter speed setting ring
5. Shutter release
6. Back catch
7. Viewfinder
8. Lens aperture setting lever
9. Lens focusing mount, with setting spot
10. Shutter speeds, lens apertures and distances scale
11. Flash socket
YOUR NEW CAMERA
You now have a new Sporti 6 camera and will want to start taking pictures right away, but to make sure that you get perfect results from your very first film you should spare a few minutes to read this booklet carefully and make yourself familiar with the controls. You can read how the camera can be set so that if you are a beginner you do not have to worry about technicalities, and you can also read how to use the range of speeds and settings which make the Sporti 6 an ideal camera for the more advanced photographer.

GENERAL DETAILS
The Sporti 6 camera takes 12 pictures 2¼ inches square on Ilford 120 size rollfilms. For your black and white pictures in summer, load up with Ilford Selochrome Pan film and in winter change to faster HP3 film. You can take colour pictures too with your Sporti 6, and if you use Ilfocolor film it is as easy as taking black and white. In every case remember to ask for Ilford 120 size rollfilms.

The shutter release fitted to the Sporti 6 is placed just where the first or second finger naturally rests when holding the camera to the eye. The picture shape is square, so the camera can always be held in the same way and there is no need to change your grip for upright or horizontal pictures.

The lens can be focused for all subjects from 5 feet to the far distance—marked on the distance scale (10) by the infinity sign "∞". Easy to read focusing zones are marked on the front of the distance scale. The lens mount will accept 32 mm. accessories.

The lens aperture can be adjusted to any one of three openings, f/8, f/11 or f/16. The shutter, which is synchronised for flash photography, has two speeds 1/50 and 1/100 second. Flash pictures can only be taken when the shutter is set to 1/50 second.

When you look through the optical eye-level viewfinder you see a brilliant view of the scene to be photographed.

A double exposure prevention device links the shutter and film winding mechanism so that you cannot take two pictures on the same part of the film.
LOADING YOUR SPORTI 6

The camera should always be loaded and unloaded in the shade away from direct sunshine. If no other shade is available you can use your own shadow.

First remove the back of the camera by pushing the back catch (6) towards the back of the camera, then pull the back downwards. Remove the empty spool by levering away the flat spring holding the lower flange, and pull the spool downwards and sideways. This spool will be used as the take-up spool. Rest the camera on a firm support and you are ready to start loading.

Take a new roll of Ilford film, remove the sealing band (making sure that the film does not spring loose on its spool), and unroll 2 or 3 inches of backing paper. The yellow side should be facing you and the tapered end pointing to the right—see figure 1. Now thread the backing paper right through the slit of the take-up spool, and set it squarely between the flanges as illustrated. Next, rotate the take-up spool just enough to make sure the end of the backing paper protruding from the short slit is held in place by the next turn of the paper.
Line up the slot in the flange of the take-up spool so that it will fit over the winding key of the film transport spindle. Unroll another 3 or 4 inches of the paper from the film spool. Insert the top end of each spool in its respective spool chamber, and at the same time tuck the top edge of the backing paper inside the camera top—see figure 2. Make sure the top of the take-up spool is located over the winding key and the top of the film spool fits over its stud. Now snap the bottom of each spool into position so that the flange fits over the stud on the flat spring. The loaded camera should appear as illustrated in figure 2.

Replace the back of the camera and lock it in position by pushing the catch (6) towards the front of the camera.

Now operate the film transport lever (3) forwards as far as it will go, then backwards and forwards to wind on the film while you look in the red window at the back of the camera. You will see the backing paper moving and after approximately 20 operations of the lever a picture of a hand will appear. This is followed by some dots and then the number "1". Stop winding when the "1" is in the centre of the red window, let the lever return to its rest position and you are ready to take your first picture.
TAKING PICTURES

Setting the camera for snapshots.
There are normally three settings to be made before you take each picture, but for uncomplicated shooting in summer sunshine you can use the snapshot settings. With Selochrome Pan film in the camera you set the shutter to 1/50 second, the lens aperture to f/16 and the lens mount to the "group" position—see below. You can then leave the camera set like this for most of your photographs on the beach, in the country and in town.

Choosing the exposure and focusing the lens.
When you want to make finer adjustments to the camera to give individual attention to each picture, you have to set the shutter, set the lens aperture and focus the lens each time. The following exposure guide will tell you the speed and aperture to use for the exposure. The settings apply in summer or winter if you use the films recommended.

Now the lens should be focused according to the distance you are away from the subject. Rotate the lens focusing mount (9) until the setting spot is opposite the "portrait" symbol for subjects 5 to 9 feet away, "groups" for subjects 10 to 24 feet away, or "scenes" for subjects 25 feet or more away. Do not try to rotate the lens mount past the "portrait" or "scene" symbols. The distance scales are shown both in feet and metres.

Lastly, look through the viewfinder (7) at your subject and then squeeze the shutter release (5) with a smooth and positive pressure to take your picture. You must press the shutter release right to the end of its travel to fire the shutter and make your exposure.

As soon as the shutter has been released the wind-on reminder (2) changes from white to red. This is to remind you to wind on the film. To wind on the film, look through the red window in the camera back and at the same time gently operate the film transport lever, stopping as soon as you see the next number in the centre of the window. Then let the lever return to its rest position.

Make a special point of always winding on the film to the next number immediately after a picture has been taken, so that the camera is at once ready for your next picture.
Taking flash pictures indoors is easy because when you use flashbulbs you use an accurately controlled amount of light, and working out the right exposure presents no problems. The table below shows you what camera settings to use and is based on taking flash pictures indoors when the walls and ceiling are light in colour. Fit an Ilford flashgun into the accessory shoe (1), set the shutter to 1/50 second and make sure that the flash lead is firmly connected to the flash socket (11) before you take your picture. Insert a flashbulb in the gun, and set the aperture to agree with the flash-to-subject distance. When you press the shutter release, the bulb will flash while the shutter is open.

<table>
<thead>
<tr>
<th></th>
<th>Sunny</th>
<th>Overcast</th>
</tr>
</thead>
<tbody>
<tr>
<td>Landscapes, beach scenes, snowscapes</td>
<td>f/16</td>
<td>f/11</td>
</tr>
<tr>
<td>Buildings and close-up pictures of people</td>
<td>f/11</td>
<td>f/8</td>
</tr>
</tbody>
</table>

Summer time in black and white—use 1/50 second with Selochrome Pan film, or 1/100 second with HP3 film.
Winter time in black and white—use 1/50 second with HP3 film.

Move the shutter speed setting ring (4) until the indicator mark is opposite the correct speed, then move the lens aperture setting lever (8) until it clicks into place over the correct number.

Summer time in black and white—use Ilfocolor film, and refer to the instructions supplied with the film.
This table shows you how to set your camera when using flash. Remember to focus the lens.

<table>
<thead>
<tr>
<th>PF 1, AG 1 or similar flashbulb</th>
<th>Distance of flash to subject using SELOCHROME PAN</th>
<th>Use lens aperture</th>
<th>PF 1, AG 1 or similar flashbulb</th>
<th>Distance of flash to subject using HP3</th>
<th>Use lens aperture</th>
</tr>
</thead>
<tbody>
<tr>
<td>11 to 13 feet</td>
<td>8 to 10 feet</td>
<td>5 to 7 feet</td>
<td>18 to 21 feet</td>
<td>13 to 17 feet</td>
<td>9 to 12 feet</td>
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Finally, in case of trouble, never try to take the camera to pieces yourself; it has been carefully adjusted to give sharp pictures. If it ever needs repairing take it to your Ilford dealer who will be pleased to help you.

Constant improvements in Ilford products mean that minor changes in the design or specification may occur from time to time. It will not be possible always to amend the instruction book at the same time, and the right to alter the design and specification without notice is accordingly reserved.
UNLOADING THE CAMERA

When the last picture has been taken, wind on the film until the coloured paper disappears from the red window. Operate the lever a few more times to make sure the film is completely wound around the take-up spool, then remove the camera back as previously explained. Remove the spool of exposed film (taking care to prevent it unwinding), fold under the tapered end of the paper and seal it with the adhesive label.

TAKING CARE OF THE CAMERA

Always keep the camera clean and free from dust, inside and out. When at the seaside, keep it dry and off the sand—sand in the shutter will prevent it working properly.

The camera should always be treated with great care and respect. Sudden jolts may spoil its performance, and dirt, scratches or finger prints on the lens surface will give hazy pictures, so look after your camera and always keep the lens spotless. To protect your camera in the best possible way keep it in the ever-ready carrying case made specially for the Sporti 6.