



Instructions for setting-up and using The Robert Rigby 10" x 8" Pinhole Camera

THE ROBERT RIGBY
Pinhole
CAMERA

Designed and handmade by
Snowling Associates
exclusively for
Bob Rigby Photographic Ltd.
Store Street, Bollington,
Macclesfield, Cheshire,
SK10 5PN, England.

ASSEMBLY



Release the catches on each side of the camera body and lower the darkslide carrier back to reveal the two focal length adjustment plates. Unscrew the two large black thumbscrews and remove the two focal length adjustment plates (FLAPs). Close the darkslide carrier and lock back into position.



DO NOT tighten fully at this stage.

Pull out the front lens panel unit of the camera and insert it into the bottom plate, selecting the required focal length slot, then repeat the operation putting the front lens panel unit into the same slot as the top focal length plate.



Now release the four brass front panel clips and pull the front out approximately 100mm (4ins) and screw one of the FLAPs onto the top screw hole of the main camera body. The remaining FLAP screws to the bottom of the main camera body, dependent upon whether you are taking pictures in the vertical or horizontal position.



The two black thumbscrews can now be tightened to secure the lens panel. Each focal length adjustment plate (FLAP) has three slot positions for the three focal lengths equivalent to 150mm, 200mm and 250mm. When mounting the camera onto a tripod, always use the 1/4 whitworth-thread screw hole that you will find on the FLAP.

APERTURE



Your Robert Rigby 10x8 Pinhole Camera has three pinhole apertures mounted into a turret inside the camera. The pinhole you choose depends upon the focal length set on the plates (FLAPs) you have previously selected.

Unclip the two brass clips and lower the darkslide carrier. Rotate the turret so that you align to the black peg the white line of the required focal length. These are marked : "S" for short, "M" for medium and "L" for long focus.

VIEWING THE SUBJECT

There are two brass pins on top of Robert Rigby 10x8 Pinhole Camera body and three brass pins indicating the different focal lengths on the FLAP.

Using one of the two pins situated on the camera body, sight your eye down from the pin to the brass pin selected for the focal length being used.

Now repeat, using the second pin on the camera body sighting down to the same pin as before. This provides the angle of view which will be taken on the film plane.

DARKSLIDE LOADING



Now you can insert your loaded 10 x 8 darkslide by first lowering the back of the camera and placing the darkslide on the backplate, between the four pegs.

Next, hinge the backplate up to the camera and secure with the two brass clips. Remove sheath from

the darkslide and you are now ready to shoot your first 10x8 Pinhole image.

WARNING

Do not adjust the focal length while the darkslide is in camera – this will cause an increase in air pressure in the camera. Always remove your darkslide before changing the focal length.

The same applies when you have finished shooting your picture, always remove the darkslide as the bellows may 'balloon', pushing them back into the body of the camera .

If you do wish to change the focal length after taking a picture, slacken the black thumbscrews at the top and bottom of the camera, pull forward (or back) to the required focal length slot on the FLAP and re-tighten the thumbscrews. Don't forget to change the pinhole aperture by turning the turret.

TECHNICAL DATA

Turret mark	Focal length	Aperture
S Short	150mm	f429
M Medium	200mm	f449
L Long	250mm	f480

Please note

The screw holes in the camera body are not to be used for mounting onto a tripod. Only use the mounting threads on the FLAP for tripod mounting.

