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You can read the recommendations in the user guide, the technical guide or the installation guide for PENTAX K2. You'll find the answers to all your questions on the PENTAX K2 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual PENTAX K2  
User guide PENTAX K2  
Operating instructions PENTAX K2  
Instructions for use PENTAX K2  
Instruction manual PENTAX K2

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**Manual abstract:**

. Specification.s . . . . .

@@Film loading and winding . . . Setting ASA film speed . Exposure factor control dial . .

@@@@Camera holding Film unloading. . . . .

; Depth-of-field preview button and guide Depth-of-field table : SMC PENTAX 50 mm lens . ; . . . . . Mirror lock-up Self-timer. .

; Flash synchronization Infra-red photography . . . Multiple exposure Using conventional screw-mount TAKUMAR lenses . .

How to use Mount Adaptor K . . . . .

Open-aperture or stop-down metering . . . . .

Resistance to temperature extremes and changes . . . Camera maintenance \* . . . .

Warranty policy Memo .r. . . . . J .

.. " . . a SMC Pentax lenses and Pentax accessories are engineered and produced meticulously to Precise Asahi Pentax specifications. Lenses and accessories from other manufacturers are not produced to these precise specifications and, therefore, may cause difficulties with or . . . . .

4 and 55mm f/1.8 with fully-automatic diaphragm. Minimum aperture:  $t122$ . Filter size: 52mm. Focusing : 0 .

45 m ( 1.5 ft. ) to infinity. Vertical run, metal focal plane shutter. Shutter button lock provided.

Automatic electronic shutter: stepless between 8 and 1/1000 sec. @ Manual mechanical shutter : 8, 1 1 1 2 5 and 1/1000 sec. (when battery is dead.) X contact hot shoe for cordless flash connection. FP + X contacts for conventional flash cord connection. X synchronization at 1 1 1 2 5 sec. Built-in self-time with interrupt function 5 - 9 sec. delay after tripping shutter release. Pentaprism finder with cross-micropism or split-image focusing screen. 0 .

88x magnification with 50 mm lenses ( life-size with 55 mm lens ) . 95% field of view. Dioptre -0.8. "Incorrect #. exposure range" indicator.

Micropism and split-image screens standard plus custom screens . ) : www.orphancameras.com 40 'I -q.

Reflex Mirror Film Advance Exposure Counter Film Rewind Lens Mount Exposure Meter f'f'ib' , Y Exposure Control Power Source Meter Switch Dimensions Weight Swing-up-and-back, instant-return type, with mirror lock-up lever, and special shock absorbers for minimum vibration Single-stroke in lever . 2.5 'pre-advance and 130' advance angles. Automatic re-set. Rapid-rewind crank lifts clear of body . Pentax bayonet mount.

Rotation : 65" . Si icon-Photo-Diode-activated, aperture-preferred meter measures the entire area of ground glass with emphasis on central portion at full lens aperture. Match needle for correct exposure on manual. Couple directly to shutter, aperture and film speed settings. Shutter speed and auto/manual setting visible in viewfinder for exposed double check.

Exposure factor control dial : 4x, 2x, "1x, 1/2x, 1/4x for specific exposure control. Two 1.5V silver oxide batteries ( Eveready 576 E or Mallory MS76H). Meter is ON when shutter button is depressed halfway. Also, when film wind lever is at its pre-advance angle and shutter button is depressed halfway, meter stays ON. Battery check button and lamp provided. With 50mm f/1.4 lens: width 144mm (5.7") x height 92 mm (3.6") x depth 94 mm (3.7")

7 " 1. 9469 (33.7 ozs.) with 50mm f/1.4 lens. 680 g ( 23.3 ozs. ) with no lens . ! p o 5 www.orphancameras.

com , rrlr : rff\$ai, ENSMOUffTiNG I. Remove the rear lens and body caps. 2. Match the red dot 6 on the camera body with the red dot @ on the lens .

Insert the lens into the body and turn it clockwise until the lens locks with a click. 3. In the dark, when the red dots are difficult to see, align the white plastic bump @ on the lens barrel with the lens release lever @ U v touch. Then turn and lock as above. " 4. To detach, hold the camera with your left hand. Depress the lens release lever @ while turning the lens counterclockwise with your right hand. If you have to put the lens down without the rear lens cap, place it only on its front end, never on the rear. When changing lenses outdoors with film in the camera, avoid direct sunlight. : \ www.orphancameras.com 60 1. Remove the rear lens and body caps. 2. Match the red dot 6 on the camera body with the red dot @ on the lens .

Insert the lens into the body and turn it clockwise until the lens locks with a click. 3. In the dark, when the red dots are difficult to see, align the white plastic bump @ on the lens barrel with the lens release lever @ U v touch. Then turn and lock as above. 4. To detach, hold the camera with your left hand. Depress the lens release lever @ while turning the lens counterclockwise with your right hand. If you have to put the lens down without the rear lens cap, place it only on its front end, never on the rear. When changing lenses outdoors with film in the camera, avoid direct sunlight. www.

orphancameras.com 60 Two silver oxide batteries are packed separately. Be sure to insert them into the battery chamber before operating the camera. ffi INSERTION Open the battery chamber cover with a coin. Insert the two batteries into the battery holder of the cover as shown above, each with ( + ) side facing up .

For replacement, use Eveready S76 E or Mallory MS76 H or equivalent. CHECK Under normal conditions, one set of batteries will last about one year or permit about 10,000 electronic shutter releases To check the life, push the battery check button. If the lamp next to the button lights the battery has sufficient capacity. If not, replace the batteries. Do not push the check button too often, as it will exhaust the batteries The battery is like a phonograph record. It can be damaged by skin acids . Handle by the edges with a dry cloth before insertion into the camera .



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*The battery is not rechargeable. Do not throw a dead battery into fire, as it may explode. Also, keep it beyond the reach of small children.* o7  
*www.orphancameras.com 1.*

*Load the film into your camera. (Page 10) 2. Set the exposure factor control dial at "1x" for normal exposure. 3' (Page 12) Set the ASA film speed. (Page 11) 4. Pre-select the aperture. (Page 3) 5. Set the shutter speed dial at AUTOMATIC. (Page 4) 6. lever the way until it stops.*

*all Cock the rapid-wind [www.orphancameras.com](http://www.orphancameras.com) 7. Compose and focus by turning the focusing ring. (Page 7) 18.*

*Slightly depress the shutter button. The electric circuit is now switched on. The meter needle indicates the correct shutter speed. If you want a faster or slower speed, turn the diaphragm ring. (Page 14) 9.*

*@@@@@@@@@@@@@@@ Close the back by pressing firmly. @ @4. @ Trip the shutter. @ @ @ @ . O. a. O. O.*

*. O. O. a. 6400 3200 1600 800 400 20,0 loo 80 O. 64 25 20 12 lo 50 40 .O..O.*

*. @ The higher the ASA number, the more sensitive the film is to light. To set the index, first make sure that the exposure factor dial is set at "1x". While depressing the ASA ring lever @, turn the ring @ until the ASA number of your suggestion or determining the correct exposure in a variety of situations. ) But you should carry spare batteries and replace worn-out batteries immediately.*

*www.orphancameras.com 14o Depress the shutter button completely to shoot. As long as the rapid-wind lever is not closed completely - that arm close to your body. Vertical position C.*

*@ Lift up the rewind crank. @ @ @ @ @ @ @ @ @ @ @ @ . @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ , s 63.799 -6 54.691 - 38.296 7. @ @ @ @ @ @ 1.952' -2.*

*Os't, 1. @ @ @ @ @ @ @ @ @ @ @ @ @ @ bJJ' 13.113', '-@ 22.955' 15.423' -@ 10.459', '@ 1.375' - 1.653', - 8.425' -@ 6 11.545 .*

*21 www.orphancameras.com In normal picture-taking situations, when you trip the shutter, the reflex mirror swings up out of the way. It then automatically drops back down into place. Inevitably, this causes a small amount of vibration - and the longer the lens you use, the more noticeable the vibration will be.*

*To avoid this vibration, it is possible to lock the mirror up. (Note: Moving the mirror keeps light from the viewfinder and exposures system, so focusing and setting of the aperture must be done before lock-up. Use manual exposure setting, which, unlike AUTOMATIC, will not be affected by mirror movement. Also, you should use a tripod for this kind of shooting.) Once everything is set, simply push up the lock up lever 6.*

*The reflex mirror will now stay up even after you trip the shutter. To release the mirror, return the lock-up lever to its original position. The reflex mirror can be locked up either before or after you advance the film. [www.orphancameras.com](http://www.orphancameras.com) 22o b The self-timer delays shutter release between 5 and 9 seconds, depending on how far counter-clockwise you have turned the self-timer. (This can be done @ on either "AUTOMATIC" or manual shutter speed settings. However, when the camera is set on "AUTOMATIC", some stray light may enter through the viewfinder. To prevent this, we recommend using the inexpensive optional accessory Viewfinder Cap.) To operate, turn the self-timer lever down until it stops.*

*Depress the shutter button and the self-timer will start. a The K2 self-timer also has an interrupt function. Even after the self-timer has started or run. you can stop it by moving the self-timer lever back to its normal position. The remaining time will tick away, but the shutter will never be tripped. To re-start the self-timer, push the lever down again, and again depress the shutter button. o23 [www.orphancameras.com](http://www.orphancameras.com) The K2 has FP and X terminals near the film rewind knob, and a separate X contact on the built-in hot shoe. The table on the next pages shows which flash contact, which shutter speed and which flash bulb may be combined for maximum lamp efficiency.*

*Unless these combinations are rigidly followed, there will be a failure in flash synchronization. Note the "X" setting is exactly at the 125 mark on the speed dial. This indicates the highest shutter speed at which electronic flash units may be used. Use the hot shoe flash contact when using a shoe-mounted electronic flash like the Pentax Autorobo which also has a flash contact on the shoe bracket. When using the hot shoe, there is no need to plug the flash cord into the X terminal on the body front.*

*@@@@@@@@@ Use one of the three bulb types M, MF or FP. @ @ @ @ @ MF. @ @ First, bring your subject into clear focus.*

*@@@@@@@@@ Tighten the film by turning the rewind knob @, and keep hold of the rewind knob. Depress the film rewind release button @ and cock the rapid-wind lever.*

*This cocks the shutter without advancing the film. Finally, release the shutter to make the second exposure. Then make one blank exposure, before taking the next picture, to avoid overlapping as registration may not be exact. o27*

*[www.orphancameras.com](http://www.orphancameras.com) Conventional screw-mount Takumar lenses (both Super-Takumar and SMC Takumar) can be easily mounted onto your camera by attaching them first to a Mount Adaptor K. Use of the Mount Adaptor K does not affect any aspect of normal lens function except as regards the following two points: 1.*



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Due to the difference in coupling systems, the automatic diaphragm will not function. 2. Full-aperture metering lenses will function as stop-down metering lenses.

www.orphancameras.com 28o HOW TO USE MOUNT ADAPTOR K 1. Screw the conventional Takumar lens into the Mount Adaptor K. 2. Attach the Adaptor/lens unit to the camera body by aligning the red dots @ and @ , and turning the lens clockwise until it locks with a click. ( This takes slightly less than a quarter of a revolution.) 3. To remove the lens, leaving the Mount Adaptor K attached to the camera body, simply unscrew the lens counter-clockwise. Other screw-mount Takumar lenses can then be attached in the normal way.

1. To remove the Mount Adaptor K from the camera body, first remove the screw-mount lens. Then press, with your thumbnail or a pointed object such as a ballpoint pen, against the spring pin @ 2. Turn the Mount Adaptor K counter-clockwise until you feel it release, take it out. and 3.

Since the mechanism for locking in the Mount Adaptor K is totally different from that which locks in an SMC Pentax bayonet-mount lens, the lens release lever @ on the camera body plays no part at all. oA www.orphancameras.com Open-aperture SMC Pentax lenses have a diaphragm coupling lever @ on the back of the lens which locks into the camera body to permit open-aperture metering. @@ Use of the Auto-Extension Tube Set K permits open-aperture metering.

@@@. SMC Pentax Zoom SMC Pentax Macro . . SMC Pentax Macro . . . . 17mm ..

.15mm . . . 20mm . . . 24mm ...  
28mm ... 35mm ..  
.35mm ... 50mm .  
. 50mm ... 55mm ... 85mm . 105mm ..

120mm . . 135mm . . 135mm . . 150mm . . 200mm ..  
300mm 45-125mm 85-210mm ... 50mm . .  
100mm t14 f13.5 f14 t/3.5 f 13.5 t/z f/3.5 t11.

2 f 11.4 f 11.8 t 11.8 112.8 112.8 112.5 f 13.5 f 14 t 14 f 14 f/4 f 14.5 f 14 t 14 STOP-DOWN METERING LENSES SMC Pentax SMC Pentax SMC Pentax SMC Pentax Zoom 400mm . .

.. 500mm . . . . 1000mm 135 - 600mm t15.6 f14.5 t19 t16.7 www.

orphancameras.com 300 i;iki;iii. a.ati//i+ RESISTANCE TO TEMPERATURE \$ \*ffic fffii The temperature range at which your camera will continue to function properly stretches from 50°C to -20°C.

However, resistance to cold could be hampered by oil which has become dirty. Therefore, if the camera is to operate at full efficiency in very cold conditions, it must be overhauled and all oil must be replaced. @@@@ Put the batteries in to the camera right before shooting. For extremely low temperature, use new batteries. e o31 www.

orphancameras.com 1. Always keep the viewfinder eyepiece, lens and filters as clean as possible. To remove loose dust and dirt, first use the blower and then the brush of a lens brush. Do not try to wipe off granular dirt or dust - it's an excellent way of scratching the glass. Smudges, such as fingerprints, should be carefully wiped away with either a lens tissue or a clean, soft cloth. Clean, plain cotton handkerchiefs that have already been washed a few times are particularly good for this. Breathing on the lens before wiping is ineffective; but be sure to wipe away all moisture completely. Commercial lens cleaners are also effective. 2.

Never touch the mirror or the shutter leaves. Minor dirt or spots on the mirror will not affect the clarity of your pictures. 3. Take care not to drop the camera or knock it against anything solid. Accidents or rough handling can easily damage the internal mechanism, even though externally nothing seems to have been hurt. www.orphancameras.com 32o 4. Your camera is not waterproof. There are several places where water can get inside and do a great deal of damage.

Take care to protect both body and lens from rain or splashing water. If your camera should get wet, dry it off immediately with a clean, soft cloth. Once a camera has become completely soaked, there is often nothing that can be done to make it right again. However, in such a case, take your camera as soon as possible to an authorized Asahi Pentax Service Center. 5.

Where to keep your camera while you are not using it is an important point. The best storage place is cool, dry, clean and well-ventilated. Because of the possible build-up of humidity, it is so risky to store your camera in a cabinet or closet. It's also a good idea to keep your camera in its bag or case while you are not using it. 6.

When mounting your camera on a tripod, be sure the tripod screw is no longer than 5.5mm. This is the depth of the tripod screw hole on your camera. If you use a longer screw, you will probably puncture the bottom of the hole, after which the camera will not function properly. o33 www.orphancameras.com .



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