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You can read the recommendations in the user guide, the technical guide or the installation guide for PENTAX K200D. You'll find the answers to all your questions on the PENTAX K200D in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual PENTAX K200D
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Manual abstract:

C R E A T I V E . K200D 03 PENTAX K200D It does it all. @@@@@@@@Data communication rates up to 800 MB/sec guarantee smooth operation without delays. This also allows the K200D to take a series of shots at up to 3 pictures per second. A LOT OF ROOM FOR FEELING: A 10.2 MEGAPIXEL RESOLUTION CCD. Great feeling can be found in the details. The high resolving power of the K200D's image sensor supplies photographs of impressing depth and brilliance. It provides great photos in every sense of the word. The results of the camera are not only captivating with its image quality, it can easily provide problem-free high-quality prints up to 50 x 70cm in size and even larger prints are possible with outstanding results.

The 10.2 Megapixel resolution also means that impressive enlargements can be made from a cropped area of the original shot without having to accept a noticeable loss of quality. A PLACE OF STABILITY: PENTAX SHAKE REDUCTION. Even photography must obey the laws of physics. One proof of this are images that aren't perfectly clear due to camera shake: if the camera is not kept sufficiently steady at the moment the shutter is released the pictures will be blurred.

The PENTAX Shake Reduction system substantially decreases the possibility of blur caused by camera shake by effectively steading your hand. This is done by increasing the range of shutter speeds that you can hand hold the camera for. The result is brilliant photos in critical situations. An added bonus: since the Shake Reduction is integrated in the camera body it is fully func- YOU HAVE TO CATCH THE LIGHT TO CAPTURE THE MOMENT. Light is clever.

On one hand it reassures us that the world is a familiar, trusted and friendly place. On the other hand light can bring a changeable new perspective to everything. For photographers it is fascinating to follow these changes and to try to capture strong images of people, places, objects or landscapes. PENTAX understands this fascination. That is why we have spent decades finding creative new solutions that set the standard in photography. The new PENTAX K200D is a prime example. @@@@@@A good example: a picture of a person in front of a brightly illuminated background will almost always turn out too dark. With the PENTAX Dynamic Range Enlargement you'll find greater detail in shots taken in demanding conditions. DON'T GIVE DUST A CHANCE: PENTAX DUST ALERT. Dust particles on the sensor can ruin the best pictures.

That's why PENTAX has refined the Dust Removal System in such a unique way. Dust Alert is able to clearly locate persistently adhering particles and to accurately indicate their position on the camera's monitor. This makes it simple to remove the contamination with the Cleaning Stick that is available as an accessory. K200D 05 1 2 DUST IS SERIOUS MATTER. TAKE IT IN YOUR STRIDE. PENTAX Dust Alert is the logical and unique addition of the Dust Removal Function. It has been shown that under certain conditions dust particles that were not moved with vibration can remain clinging to the sensor. PENTAX Dust Alert locates these persistent particles and precisely indicates their location. The sensor can then be easily and accurately cleaned with a Cleaning Stick that is available as an optional accessory. 2 3 THE THING ABOUT SENSITIVITY.

No camera whether film or digital can capture contrast differences to the same range as the human eye. For example, the face of a person in a backlit situation often raises problems. @@@@@@@@@@@@@@@@@@@The PENTAX Shake Reduction system substantially increases your chances of a getting a sharp image. When the camera's gyro sensor registers movement the highly efficient, opto-magnetical sensor technology ensures that the image sensor implements a counter-movement neutralizing blur. The result: pin sharp images.

PENTAX Shake Reduction gives the photographer an additional hand-holdable exposure range of 4EV that's 4 full stops! Here's another important characteristic of the system to consider: it is an integral component of the camera body so it's fully functional with any PENTAX lens. 4 HERMETICALLY SEALED: DUST AND SPLASH-PROOF BODY. With the PENTAX K200D all weather is photography weather. 60 seals on the body and 14 on the battery grip ensure that moisture, dust and sand cannot wear at the camera. Additionally, the fibreglassreinforced polycarbonate housing with high-grade steel chassis offers the necessary robustness to stand up to the rigorous demands of daily use.

4 K200D 07 SENSITIVITY IS THE PROGRAMME: ISO RANGE AND SV AUTOMATIC. The K200D works within the ISO range of ISO 100 and 1,600. It also allows you to manually select an intermediate value ISO. What's more, in the automatic mode you can define a specific range of ISO values from which the camera can make the optimum selection depending on each shooting situation. With the Sv-Automatic mode the sensitivity can be freely selected with a simple turn of the adjusting dial. The camera will then automatically select the optimum aperture and shutter speed. In the Sv-Automatic mode the current ISO value can be seen in the viewfinder at any time by the simple press of a button. CONTROL IS THE KEY: AUTO-BRACKETING. There are certain lighting situations that present the photographer with a real challenge. It's best to play it safe from the beginning and the Autobracketing mode can offer valuable assistance.

By taking a series of 3 exposures ranging from under- to over-exposure you can be assured of a perfectly exposed and successful shot. You have the idea. @@@@THE K200D SUPPORTS YOU HOWEVER YOU WANT. @@@@@@@@@@@@@@@@@@@@@@@In dynamic autofocus the focus is continually adjusted. @@@@@@@@@@@@@Four AA lithium cells are enough for approximately 1,000 photographs. @@@@IT IS CONTINUOUSLY CHANGING BEFORE YOUR VERY EYES. THAT'S WHAT MAKES PHOTOGRAPHY SO FASCINATING. THAT IS WHY THE CAMERA MUST BE INSTINCTIVELY EASY TO USE IF IT IS TO CAPTURE THE POINT OF VIEW AND THE MOOD OF THE PHOTOGRAPHER. IT MUST WORK FAST, BE INTUITIVE TO YOUR NEEDS AND STILL LEAVE ROOM FOR YOUR CREATIVITY. VERY REASSURING: THE RECORDABLE DIGITAL PREVIEW.

The digital preview is the ideal tool to examine the effect of the various camera settings. Individual settings can be readjusted and fine-tuned while looking at the screen: you can alter white balance, contrast or colour saturation and immediately see how the photo changes. The preview picture can be also be magnified for more precise evaluation. @@@@@@@@@@@@@@@@@@@Apart from many other advantages the DA objectives are protected against dust and water. The interior focusing provides for particularly high control and ease of use.*

Similar image smc PENTAX DA 14mm f/2.8 ED [IF] smc PENTAX DA 21mm f/3.2 AL Limited Edition smc PENTAX DA 40mm f/2.8 Limited Edition smc PENTAX DA 70mm f/2.4 Limited Edition smc PENTAX DA 10 17mm f/3.

5 4.5 ED [IF] smc PENTAX DA 12 24mm f/4.

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0 ED AL [IF] smc PENTAX DA 16 45mm f/4.0 ED (AL) smc PENTAX DFA 50mm f/2.8 Macro 1:1 smc PENTAX DFA 100mm f/2.8 Macro 1:1 K200D 13 SMC PENTAX DA 200MM F/2.8 ED [IF] SDM SMC PENTAX DA* 300MM F/4.0 ED [IF] SDM > Ultimate DA* lens quality > Ultra fast and quiet focussing > Part of a range of first class telephoto lenses with ultrasonic autofocus > High quality ED lens elements for brilliant image quality > Inner focussing for outstanding handling and comfort > Protected against water, dust and dirt > Dirt-resistant PENTAX SP coating on front lens element > Dual autofocus > Tripod adapter (PENTAX DA* 300mm f/4.0 ED [IF] SDM only) LENSES AVAILABLE SEPERATELY (To show the equivalent focal length for a film camera, multiply the digital lens's focal length by 1.5.*

This figure is shown in brackets) LENS GROUPS/ ELEMENTS ANGLE OF VIEW (°) MINIMUM APERTURE MIN. FOCUSSING DISTANCE MAG. RATIO. DIAMETER/ LENGTH WEIGHT FILTER SIZE WITHOUT LIGHT A CAMERA FUMBLES IN THE DARK. TO RESOLVE THIS PENTAX HAS DEVELOPED EFFICIENT FLASHES THAT SUPPLY ACCURATE, CONSISTENT LIGHT FOR ANY SITUATION. Lenses designed for digital cameras smc PENTAX DA 14mm f/2.8 ED [IF] (21mm) smc PENTAX DA 21mm f/3.2 AL Limited Edition (32mm) smc PENTAX DA 35mm f/2.8 Macro Limited Edition (53mm) smc PENTAX DA 40mm f/2.8 Limited Edition (60mm) smc PENTAX DA 70mm f/2.
4 Limited Edition (105mm) smc PENTAX DA 10 17mm f/3.5 4.5 ED [IF] Fish-Eye (15 25.5mm) smc PENTAX DA 12 24mm f/4.0 ED AL [IF] (18 36mm) smc PENTAX DA 16 45mm f/4.
0 ED (AL) (24 67mm) smc PENTAX DA 18 55mm f/3.5 5.6 AL II (28 83mm) smc PENTAX DA 18 250mm f/3.5 6.3 ED AL [IF] (28 383mm) smc PENTAX DA 50 200mm f/4.
0 5.6 ED (75 300mm) smc PENTAX DA 55 300mm f/4.0 5.8 ED (85 450mm) smc PENTAX DA 16 50mm f/2.8 ED AL [IF] SDM (24 75mm) smc PENTAX DA* 50 135mm f/2.8 ED [IF] SDM (75 205mm) smc PENTAX DA* 200mm f/2.8 ED [IF] SDM (300mm) smc PENTAX DA* 300mm f/4.0 ED [IF] SDM (450mm) Lenses designed for digital and film cameras (digital/film) smc PENTAX DFA 50mm f/2.8 Macro 1:1 (75mm) smc PENTAX DFA 100mm f/2.8 Macro 1:1 (150mm) Converters for all cameras without autofocus (usable only in manual focus) smc PENTAX A 2 x S smc PENTAX A 1.*

4 x L smc PENTAX A 2 x L smc PENTAX F 1.7 x Autofocus adapter 6/7 5/5 5/6 4/6 64.5 x 39mm 65.5 x 28.5mm 65.5 x 63mm 64 x 26mm 210g 175g 255g 135g 7/8 8/9 47 24.5 32 32 19.5cm 30.3cm 1:1 1:1 67.5 x 60mm 67.
5 x 80.5mm 265g 345g 49mm 49mm 11/12 8/5 8/9 4/5 6/8 8/10 11/13 10/13 8/11 13/16 10/11 8/12 12/15 14/18 8/9 6/8 90 68 44 39 23 180 100 99 61 83 35 76 29 76 6.5 31.5 8.1 29 5.
4 83 31.5 31.5 11.9 8.1often just the camera and standard lens will suffice.
This compact case ensures the camera is well protected during transport. ALUMINIUM CASE Do you need a safe place for all your equipment? Nothing offers more than an aluminum case. Adjustable rigid partitions provide optimum spacing and guarantee that everything remains well padded and in place. tool that pushes the envelope of possibilities of your camera in reproducing detail. The software reads the universal DNG format as well as PENTAX RAW files so that you can get the best out of your pictures before you in an instant. You can influence and control white balance, colour intensity, exposure and make classical image edits such as the correction of converging lines and much, much more. The result: brilliant and nuancerich photos. BATTERY GRIP The PENTAX Battery Grip D-BG3 offers the necessary power to ensure optimal results in continous use. @@@@Compatible with KAF-, KA-lens mounts. Support for KAF2 Motor Zoom function.

@@Sensitivity: automatic, manual selectable (ISO 100, 200, 400, 800, 1,600) Single, Series (Hi/Low) 2.8fps, 4 images in JPEG (Hi), 1.1fps until memory card capacity is reached (low), 4 images in RAW (DNG), Auto Bracketing, Self Timer 12 or 2sec. (mirror lock-up), IR Remote Control Built-in P-TTL Automatic Flash with automatic operation in poor lighting conditions, guide number 13 at ISO 100, flash coverage 28mm (equivalent in 35mm format) hotshoe on camera top for system flash, flash sync 1/180sec. Automatic or manual, Daylight, Shade, Cloudy, Tungsten light, Fluorescent light (W, N, D), Flash, manual balance, 3 different settings for Kelvin and Mired values with fine adjustments Black & White, Sepia, Colour filters (18 choices), Soft filter, Slim filter, HDR (3 choices) DPOF (Digital Print Order Form), Print Image Matching III, PictBridge 19 languages, including GB, GB, F, E, I Dust Alert, Shake Reduction, Ultrasonic autofocus, Dust and Splash proof construction 4x AA batteries (Lithium, Alkaline, Ni-MH), AC mains adapter optionally available 133.5 x 95 x 74mm (W x H x D) 630g (without batteries or memory card) PC: XP, Vista Mac: OS X 10.2 or higher USB 2.0, AV connector (compatible with NTSC or PAL) AV Cable I-IVC28 USB Cable I-USB17 Shoulder strap O-ST53 Body cap Eyepiece cap ME Eye cup FP Hot shoe cover FK 4x AA batteries Software S-SW74 CCD DRIVE MODES FLASH LENS MOUNT WHITE BALANCE COLOUR DEPTH IMAGE FORMATS/ RAW (PEF, DNG), JPEG (Exif 2.21), DCF RESOLUTION RAW JPEG JPEG 3,872 x 2,592 3,872 x 2,592 3,008 x 2,000 235 804 1,340 Best 1,371 2,277 Better 2,320 3,893 Good JPEG 1,824 x 1,216 3,549 6,034 10,057 DIGITAL FILTERS PRINT OPTIONS MENU LANGUAGES CAMERA OPTIONS POWER REQUIREMENTS DIMENSIONS WEIGHT SYSTEM REQUIREMENTS CONNECTIVITY STANDARD ACCESSORIES All capacities with 4GB memory card (available seperately) MEMORY VIEWFINDER SD, SDHC card Non-interchangeable pentamirror with 96% image field with a magnification of 0.85x (with 50mm f/1.
4 lens set at infinity, 1m1), with "Natural Bright Matte II" interchangeable focusing screen. Dioptre correction -2.5 +1.5 dpt. 2.
*7" low-temperature polysilicon TFT colour monitor with 230,000 dots, brightness adjustable, wide-angle view (approx. 160°). Nine and single image review with 16x magnification, Hot Spot indicator and Histogramme with RGB channel display (also in Preview), automatic image rotation for portrait formats Stop-down button for depth-of-field preview and for digital preview TTL Phase Matching system with 11-point fields (SAFOX VIII) with viewfinder indications, autofocusing switchable between automatic and manual selection of focus point, spot focus. Compatible with Ultrasonic focus lenses Programmed automatic (Hyper Programme), Sensitivity Priority, Aperture Priority, Shutter Priority, ISO Automatic, Manual, B, 1/4,000 30sec. Picture Modes (automatic or manual): Portrait, Landscape, Macro, Sport, Night Portrait, Scene Program TTL open-aperture 16-segment metering coupled with lens and AF information, switchable between multi-field, centreweighted and spot metering MONITOR PREVIEW FOCUS EXPOSURE MODES METERING SYSTEM * Due to the high resolution of the camera and the absence of some or all electronic contacts on various lens mounts, no statement can be made regarding the actual function range of individual lenses.*

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