



# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for PENTAX K10D. You'll find the answers to all your questions on the PENTAX K10D in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

**User manual PENTAX K10D**  
**User guide PENTAX K10D**  
**Operating instructions PENTAX K10D**  
**Instructions for use PENTAX K10D**  
**Instruction manual PENTAX K10D**



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it can accurately assess the balance between the bright and dark areas within the segments automatically, or, alternatively, you can opt for centre-weighted or spot metering yourself.

**The 11 POINTS OF THE SHARPNESS: AUTOFOCUS.** The focus determines the crucial overall impression of the **THE BALANCE BETWEEN LIGHT AND DARK.** how can you always measure of the right intensity of light? The **PENTAX K10D** makes it easy. On the one hand it features numerous automatic as well as semi-automatic exposure functions. On the other hand it helps you if you want to determine the actual lighting parameters yourself in relation to the composition of your shot.

The **CCD** sensor works in the broad range of sensitivity between **ISO 100** and **ISO 1600** and with shutter speeds up to **1/4,000** second. With the **K10D** is there no situation whether day, night or twilight where you can't bring extreme contrasts into perfect brilliance and balance. photo: determining what aspect of the shot needs to be in sharp focus resolves the meaning of the photo. The **K10D** utilises an **11 point autofocus system.** in automatic operation (**AUTO**) the camera recognises which object is nearest and chooses that as the main want focus more point. if you direct control you can select any of the **11 points** individually by selecting your preferred focus point on the focussing screen. it is also possible to simply select centre of the image as your main point of focus. With continuous autofocus the focus is continually being adjusted, even if you move the camera. With certain lenses it is possible to manually tweak the focus after the autofocus renders valuable assistance. choose between a series of or **5 exposures** with each shot varying from over- to under-exposure.

One of the series is sure to be the shot you want. **3.5" diagonal** with ease and comfort. **Is the exposure exactly as you wanted?** You create optimal quality prints up to **50 x 70 cm.** **Something entirely new is the RAW converter** in the camera. **One proven and important method for doing this is with a filter.** Whether for colour photography or for black-and-white, the **PENTAX K10D** offers a rich selection of filters. During processing a mysterious and interesting black-and-white picture may develop from a colour shot. For fun effects there is even a filter to make your subject **LOCATION IS EVERYTHING: SDHC MEMORY CARDS.** Taking a rapid series of shots at high resolution produces very large **dMacro (150mm) 8/9 Film lenses compatible with all SLR cameras (digital/film) smc-FA 31mm f/1.**

**8 AL (47mm) 7/9 smc-FA 77mm f/1.8 (115mm) 6/7 smc-FA 2035mm f/4.0 AL (1053mm) 8/10 smc-FA 28105mm f/3.24.5 (42158mm) 11/12 smc-FA 3580mm f/4.**  
**05.6 (53120mm) 7/6 All SLR cameras with aperture control on the body (digital/film) smc-FAJ 1835mm f/4.05.6 AL (2853mm) 10/12 smc-FAJ 2880mm f/3.55.6 (42120mm) 8/8 smc-FAJ 75300mm f/4.85.8 (113450mm) 10/12 Converters for all cameras without Autofocus (digital/film) smc-A 1,4x S 4/5 smc-A x S 6/7 smc-A 1,4x l 5/5 smc-A x l 5/6 smc-F 1,7x Autofokus adapter 4/6 PREMIUM LENSES: **limited Edition.** in the time when the rest of the photographic industry was controlled by key words like "budget price", "enormous zoom range", plastic lenses and plastic lens housings, **PENTAX** embarked on a unique programme of producing very special lenses. Very soon the first lenses bearing the design **smc-DA 70mm/ .4 limited SELECTING THE BEST TOOL FOR THE JOB: THE RIGHT LENS.** tion "limited Edition" were offered for our **5mm SIR** range. These were compromised of high-quality lenses with fixed focal lengths. The First-rate optical quality is underlined through their costly precision lens housings: the **f/stop numbers and depth-of-field scales** are engraved into the metal lens barrel instead of being screen printed. The lens hood is a rigid component part of the lens construction that reflects the beauty and function of the design and is precisely adapted to the lens.**

The new **2.4/70 mm** is the latest representative of this acclaimed series. And why limited? **6sec. approx. 6sec. No. of flashes approx. 00 approx. 6sec. No. of flashes approx. 50 approx.** Shown here is just one example.

But there are, however, a few important accessories that can facilitate the work of everyday life and any photo safari: original **PENTAX accessories.** The quality, ergonomics and relevance are as well thought out and sophisticated as anything that you've come to expect from **PENTAX.** **BATTERY GRIP** The **PENTAX battery grip D-BG2** offers the necessary power to ensure an optimal performance of the **K10D** camera while it's in continuous use. The grip is equipped with the same **li-ion battery** as the camera. The battery grip features an additional shutter release, adjusting dial for selecting aperture or shutter speed and other functional controls particularly practical if shooting vertically.

With proven **PENTAX ergonomics** the camera fits reliably and comfortably in the hand. The battery compartment provides storage space for a memory card and remote control next **PENTAX CROSSOVER BAG** to the batteries. The **Crossover Bag** is the last word in comfort when you're en route. You can carry it comfortably on your back but when that unexpected photo opportunity presents itself, you can quickly grab the hand strap, easily swivel it forward to access your safely stored equipment all without taking it off. The **Crossover Bag** has sufficient storage for a camera body, two extra lenses, a flash, and sundry small articles that the photographer constantly needs. **INTERCHANGEABLE SCREENS FOCUSING VIEWFINDER LOUPE O-ME53** With the **Viewfinder Loupe** attached the finest details will grab your attention. The **1.2x magnification** facilitates the assessment of fine details more accurately. For specific professional applications you can replace the standard focussing screen of the **K10D** with either a grid screen or a plain ground-glass screen with graduated scale markings. **CASE** Something extra up your sleeve: the **PENTAX camera case** easily accommodates a camera body, two lenses and various accessories.

**RUCKSACK** camera backpack with zipped closure especially designed for photo equipment (camera, two lenses, flash). Additional space for a laptop and everything you'd need for a day's outing. **REMOTE CONTROL F** Shutter release without blur: With the infrared remote control you operate the shutter from in front of or behind the camera up to **5 metres** away. **CABLE RELEASE CS-205** The alternative to the **iR** remote control. This cable release permits blur-free exposures when the camera is mounted on a tripod and provides a shutter lock for long exposures. **REPLACEMENT BATTERY** interchangeable power: with a pre-charged spare battery you'll never have to stop shooting. **DISPLAY PROTECTION FOIL** The protective plastic film protects the large .



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5" monitor against scratches or other damage that could be caused by something as simple as rubbing against the buttons of your clothes. 0 1 1 2 3 THE K10D INFORMATION DATA BASE IS ALWAYS ON CALL. 4 5 6 13 12 11 VIEWFINDER The viewfinder provides 0.95x enlargement of the scene and shows precisely the shot that will be stored into memory. it features an integrated dioptre control. @@With the K10D you use a 4-Way controller. The controller is also used to select AF functions. 1.

2. 3. 4. 5. 6.

7. 8. @@@@Playback button 11. info button 12. Delete button 13. MENU button 14. Front e-dial 15. Main switch 16. Flash up button 17. Metering mode lever 18.

RAW button 19. Focus mode lever 20. Built-in flash 21. green button 22. @camera parameters are grouped and coloured coded. The photographer has access to options with 81 choices in this menu. "SHAKE REDUCTION" The "Shake Reduction" works fast and reliably up to focal lengths of 800mm. Under normal conditions the camera automatically recognises the focal length. The focal length of older manual lenses must be entered manually. in addition to the focal length, levels of "Shake Reduction" can be selected.

MULTIEXPOSURE What photographer doesn't know about multiple exposures? Up to 5 shots can be taken to produce a single image. it can even calculate the proper exposures for you. LCD DISPLAY The upper display can be illuminated to give an overview of important settings such as PROGRAM SELECTION DIAL Program selector for exposure modes, user settings and flash sync setting of 1/180sec. 20 21 22 shutter speed, aperture, ISO value, exposure mode, of operation, battery life indication, available memory, exposures remaining and exposure compensation. IMAGE PREVIEW Opt for either digital preview (as test shot function) or for depth-of-field preview.

You will always know the result before you shoot. BATTERY SELECTION AND STATUS You can choose which battery to use first, or let the camera decide. @@@@ (with mirror lock up), iR remote control instant or sec. @Automatic or manual, Daylight, Shade, cloudy, Tungsten light, Fluorescent light (W, D, N), Flash, manual balance, different settings for Kelvin and Mired values with fine adjustments Black & White (4 choices), Sepia (3 choices), 18 colour, special effect, Slim filters and Playback Brightness custom-programmable functions available DPOF (Digital Print Order Form), Print Image Matching III, PictBridge 12 languages, including GB, D, F, E, I Dust Reduction, Shake Reduction, Supersonic Autofocus Rechargeable li-ion battery D-li50 for approx. 500 exposures, Battery Grip D-BG2 for D-L150 with vertical shutter release, Ac mains adapter (available optionally) 141.

5 x 101 x 70mm (W x h x D) 710g (without batteries or card), 790g loaded and ready with battery and SD card PC: Windows 2000, XP Home Edition/XP Professional/Mac: OS x 10. or higher USB 2.0, AV connector (compatible with NTSC or PAL) AV Cable I-IVC28 USB Cable I-USB17 Shoulder strap O-ST5 Body cap Eyepiece cap ME Eye cup FP hot shoe cover FK 1 x li-ion rechargeable lithium ion battery D-li50 Battery Charger D-BC50 Software S-SW55 includes PENTAX Photo Browser 3, PENTAX Photo laboratory DRIVE MODES CCD FLASH LENS MOUNT WHITE BALANCE COLOUR DEPTH IMAGE FORMATS/ RAW (PEF, DNg), JPEg (Exif .1), DcF, RESOLUTION RAW (PEF, DNg) + JPEg DIGITAL FILTERS Best Better good RAW ,87 x ,59 7 JPEg JPEg ,87 x ,59 ,008 x ,000 1,84 x 1,16 804 140 657 171 77 604 66 89 10057 CUSTOM FUNCTION PRINT OPTIONS MENU LANGUAGES CAMERA OPTIONS POWER REQUIREMENTS DIMENSIONS WEIGHT SYSTEM REQUIREMENTS CONNECTIVITY STANDARD ACCESSORIES All capacities with 4 GB memory card (available optionally) MEMORY VIEWFINDER SD, SDhc card compatible Built-in pentaprism finder with a 95% field of view and 0.95x magnification (with 50mm F1.4 lens, infinity, -1m1), with interchangeable "Natural Bright Matt II" focusing screen. Dioptre correction .5 +1 dpt. Optical depth of field preview, digital preview on LCD monitor .5" low-temperature polysilicon TFT colour LCD Monitor with 10,000 pixels, brightness control and wide viewing angle (approx.

140°), single image review with 20x magnification, Hot Spot indicator and Histogram display with RGB channel indicators (also in Preview function), auto image rotation for orientation viewing TTL Phase Matching with 11 focus points (SAFOX VIII) with viewfinder indications adjustable between automatic and manual focus point selection, spot focus. Support for lenses with supersonic focusing motors. Manual focus Program (green Mode), hyper Program, Sensitivity Priority, Shutter Priority, Aperture Priority, Shutter and Aperture Priority, Manual (Hyper Manual), Bulb, X-sync, Shutter speeds 1/4,000 to 30 sec. TTL open-aperture 16-segment metering coupled with lens and AF information, adjustable between multi-segment, centre-weighted and spot metering.

Metering range 0 21 EV (at Standard Output Sensitivity 100 with 50mm f/1.4 lens) PREVIEW MONITOR FOCUS EXPOSURE MODES METERING SYSTEM Japan Europe PENTAX corporation -6-9, Maeno-cho, itabashi-ku, Tokio 174-869, JAPAN PENTAX Europe gmbh Julius-Vosseler-Straße 104, 22527 Hamburg, GERMANY www.pentax-community.com, www.pentax.de PENTAX U.

K. ltd., PENTAX house, heron Drive, langley, Slough, Berks, SL3 8PN, UNITED KINGDOM, www.pentax.co.

uk PENTAX canada inc., 1770 Argentia Road, Mississauga, ON L5N S7, CANADA, www.pentax.ca YOUR DEALER United Kingdom canada The manufacturer reserves the right to changes in technology, design, equipment and scope of supply without notice. September 006 AP033001/ISM 15092006 4 .



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