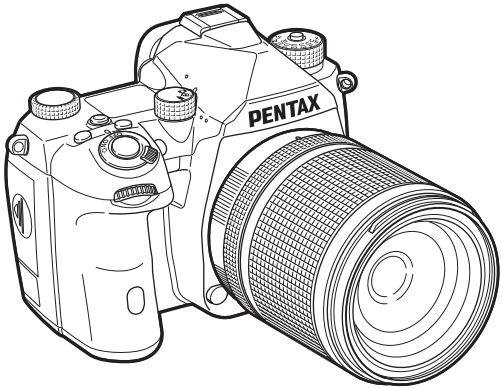
RICOH

SLR Digital Camera

PENTAX K-3 III

Wireless Communication Guide



EN

Model No. R03010

To ensure the best performance from your camera, please read the Wireless Communication Guide before using the camera.

About the Wireless LAN and Bluetooth® Functions

- Do not use the camera in a place where electrical products, AV/OA devices, and so on generate magnetic fields and electromagnetic waves.
- If the camera is affected by magnetic fields and electromagnetic waves, it may not be able to communicate.
- If the camera is used near a TV or a radio, poor reception or TV screen glitch may occur.
- If there are multiple wireless LAN access points or Bluetooth® devices near the camera and the same channel is used, search operation may not be executed correctly.

In the frequency band used by the camera, along with industrial, scientific, and medical devices such as microwave ovens, premises radio stations (wireless stations requiring license) and specified low power radio stations (wireless stations not requiring license) for mobile object identification used in factory production lines, etc., and amateur radio stations (wireless stations requiring license) are operated.

1. Before using the camera, confirm that premises radio stations and specified low power radio stations for mobile object identification and amateur radio stations are not operated in the vicinity.
2. In the event that the camera causes harmful radio wave interference to premises radio stations for mobile object identification, immediately change the frequency being used to avoid interference.
3. If you have other troubles such that the camera causes harmful radio wave interference to specified low power radio stations for mobile object identification or to amateur radio stations, contact your nearest service center.

This camera conforms to the technical standards under the Radio Law and Telecommunications Business Law and the certification of conformance to technical standards can be displayed on the monitor.

Displaying the Certification Marks

1. Press MENU to display the menu screen.
2. Use ▲▼◀▶ to display the 🔧6 menu (Maintenance).
3. Use ▲▼◀▶ to select [Certification Marks], and press OK.

Trademarks

- Microsoft and Windows are registered trademarks of Microsoft Corporation in the United States of America and other countries.
- Mac and macOS are trademarks of Apple Inc., registered in the U.S. and other countries.
- IOS is a trademark or registered trademark of Cisco in the U.S. and other countries and is used under license.
- Intel and Intel Core are trademarks of Intel Corporation in the U.S. and/or other countries.
- SDXC Logo is a trademark of SD-3C, LLC.
- The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc., and any use of such marks by Ricoh Company, Ltd. is under license.
- USB Type-C is a trademark of USB Implementers Forum.
- HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing, LLC in the United States and/or other countries.

All other trademarks are the property of their respective owners.

- This product uses the RICOH RT font designed by Ricoh Company Ltd.

HDMI™ HIGH-DEFINITION MULTIMEDIA INTERFACE

SDXC™ II

Using the Camera with a Communication Device

You can connect the camera to a communication device wirelessly via Bluetooth® or wireless LAN.
By using the dedicated app “Image Sync”, the camera can be operated from the communication device and the images saved in the memory cards can be displayed on the communication device to import them.

Memo

- You can easily connect the camera to a communication device using “Image Sync” installed on the communication device. Refer to “Operating the Camera with a Communication Device” (p.4) for details on “Image Sync”.
- The captured images can be transferred to the communication device by specifying them in [File Transfer] of the ▶2 menu. The images can also be transferred automatically after shooting. (p.4) When transferring the images, connect the camera to the communication device via a wireless LAN.
- The Bluetooth® connection and the wireless LAN connection can be switched using “Image Sync”.
- For details on using the camera with the communication device, refer to the manual of the device used and the “Image Sync” website.

Caution

- Do not attempt to use the Bluetooth® and wireless LAN functions in a location where the use of wireless communication devices is restricted or prohibited, such as on airplanes.
- When using the Bluetooth® or wireless LAN function, observe local laws and regulations governing wireless communications.

Connecting to a Communication Device via Bluetooth®

🔧4

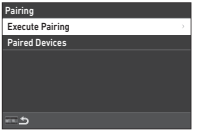
1 Enable the Bluetooth® function of the communication device.

2 Select [Bluetooth Setting] in the 🔧4 menu, and press ▶.
The [Bluetooth Setting] screen appears.

3 Set [Action Mode] to [On].

4 Select [Pairing], and press ▶.

5 Select [Execute Pairing], and press OK.
Pairing starts.
[Device Name] of connectable the camera is displayed.



6 In the list of available devices displayed on the Bluetooth® setting screen of the communication device, enter the device name of the camera.
[Authentication Code] is displayed on the camera.

7 Enter the displayed authentication code on the communication device.
The connection status icon appears when the camera is connected to the communication device via Bluetooth®.

Caution

- When the operating system of the communication device is iOS, use “Image Sync” to connect the camera to the communication device. Refer to “Operating the Camera with a Communication Device” (p.4) for details on “Image Sync”.

Memo

- Once the pairing is established, when [Action Mode] is set to [On] in [Bluetooth Setting] of the 4 menu, you can connect the camera to the communication device via Bluetooth® only by turning on the communication device and camera.
- Select [Communication Info.] on the [Bluetooth Setting] screen displayed in Step 3 to display the device name of the camera.
- Select [Paired Devices] in Step 5 to display the list of paired communication devices. The pairing can be established with up to six communication devices. Press ● on this screen to cancel the pairing.
- When the pairing cannot be established from the camera, execute the pairing from the communication device.

Connecting to a Communication Device via a Wireless LAN

Enable the wireless LAN function using one of the following methods.

- Setting from the menu or control panel
- Turning the camera on while pressing ▶
- Using the Fx button
- Operating the communication device connected via Bluetooth®

When the wireless LAN function is enabled, the (white) icon indicating the wireless LAN communication status is displayed on the status screen and Live View screen. When (gray) is displayed, a connection with the communication device is not established correctly.

Memo

- Even after the wireless LAN function is enabled, it returns to an inactive state when the camera is turned off and on again.
- Auto Power Off is not available while a wireless LAN connection is established or images are being transferred. If Auto Power Off is activated while a connection is not established, the wireless LAN function is disabled. The function is enabled when the camera recovers from Auto Power Off.

Caution

- The wireless LAN function is disabled while the camera is connected to a computer with a USB cable (except when the power is supplied with the AC adapter).
- The camera does not support communication using a memory card with a built-in wireless LAN function (such as an Eye-Fi card or Flucard).

Setting from the Menu

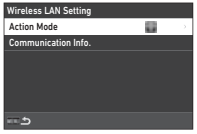
4

1 Select [Wireless LAN Setting] in the 4 menu, and press ▶.

The [Wireless LAN Setting] screen appears.

2 Set [Action Mode] to [On].

Set [Action Mode] to [Off] to disable the wireless LAN function.



3 Press MENU twice.

Memo

- In Step 2, select [Communication Info.] to check [SSID], [Password], and [MAC Address] of the wireless LAN. Or, press ◘ to reset the settings to their default values.

Turning the Camera on While Pressing the Playback Button

The wireless LAN function can be enabled in the playback mode from the power-off state of the camera.

1 With the camera turned off, turn the main switch to [ON] while pressing ▷.

2 Keep pressing ▷ for about 2 seconds.

The camera is turned on in the playback mode and the wireless LAN function is enabled.

Using the Fx Button

C2

If you register the wireless LAN function to the customizable function button (Fx button) in advance, you can enable and disable the function by a simple button operation.

1 Register [Wireless LAN Setting] to the desired button following the procedures described in the Operating Manual.

2 Press the button with [Wireless LAN Setting] registered.

The wireless LAN function is enabled or disabled.

Operating the Camera with a Communication Device

The camera can be connected to a communication device via Bluetooth® or wireless LAN.
The following functions are available with the dedicated app “Image Sync”.

Remote Capture	Displays the Live View image of the camera on the communication device, and enables controlling exposure settings and shooting by operating the communication device.
Image View	Displays the images saved on the memory card inserted in the camera on the communication device and imports the images to the communication device.
Time Synchronization	Synchronizes the date and time displayed on the camera with the date and time settings of the communication device.

“Image Sync” supports iOS and Android™, and can be downloaded from the App Store or Google Play™. For the supported operating system and other details, refer to the download site.

Memo

- For how to connect the camera to a communication device and details on the “Image Sync”, refer to the following website.
  http://www.ricoh-imaging.co.jp/english/products/app/image-sync2/
- When the camera is connected to the communication device via Bluetooth®, the wireless LAN function is enabled or disabled automatically depending on the situation.
- For details on how to operate the communication device, refer to the manual of the device.

Setting Functions Linked with the Communication Device

4

You can make the following settings in [Smartphone Link] of the 4 menu.

Store Location Info.	Records the location information of the communication device in captured images.
Auto Image Transfer	Automatically sets the transfer reservation for captured images after shooting. Select the format of transferred files.
Auto Resize	Reduces the number of recorded pixels of a JPEG image to XS and transfers it.
Image Transfer while Off	Continues the image transfer even when the camera is turned off midway through the transfer.

Model Description

Model/Type	R03010 TTL autofocus, auto-exposure SLR digital camera
Lens Mount	PENTAX KAF2 bayonet mount (AF coupler, lens information contacts, K-mount with power contacts)
Compatible Lenses	KAF4, KAF3, KAF2 (power zoom compatible), KAF, KA mount lenses

Wireless LAN

Standards	IEEE 802.11b/g/n (standard wireless LAN protocol)
Frequency (Center Frequency)	2412 to 2462 MHz (channels: Ch 1 to Ch 11)
Security	Authentication: WPA2 Encryption: AES

Bluetooth®

Standards	Bluetooth® v4.2 (Bluetooth Low Energy)
Frequency (Center Frequency)	2402 to 2480 MHz (channels: Ch 0 to Ch 39)

Power Supply

Battery Type	Rechargeable Lithium-ion Battery D-LI90
AC Adapter	AC Adapter Kit K-AC166 (optional)

Interfaces

Connection Port	USB terminal (USB Type-C), Cable release terminal (2.5 mm dia.), X-sync socket, HDMI® terminal (type D), Microphone terminal, Headphone terminal
USB Connection	USB 3.2 Gen 1 Data transfer: MTP, CD-ROM Battery recharge, Power supply to the camera (when the dedicated AC adapter is used)

Dimensions and Weight

Dimensions	Approx. 134.5 mm (W) × 103.5 mm (H) × 73.5 mm (D) (excluding protrusions)
Weight	Approx. 820 g (including the dedicated battery and an SD Memory Card) Approx. 735 g (body only)

Operating Environment

Temperature	-10 to 40°C (14 to 104°F)
Humidity	85% or less (no condensation)

Included Accessories

Package Contents	Strap O-ST162, ME Viewfinder Cap, Rechargeable Lithium-ion Battery D-LI90, USB cable I-USB166 <Mounted to the camera> Eyecup Fu, Hot shoe cover Fk, Sync socket 2P cap, Body mount cap K II, Battery grip terminal cover
Software	Digital Camera Utility 5

For Customers in USA
STATEMENT OF FCC COMPLIANCE

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC CAUTION:
Changes or modifications not approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The available scientific evidence does not show that any health problems are associated with using low power wireless devices. There is no proof, however, that these low power wireless devices are absolutely safe. Low power Wireless devices emit low levels of radio frequency energy (RF) in the microwave range while being used. Whereas high levels of RF can produce health effects (by heating tissue), exposure of low-level RF that does not produce heating effects causes no known adverse health effects. Many studies of low-level RF exposures have not found any biological effects. Some studies have suggested that some biological effects might occur, but such findings have not been confirmed by additional research. R03010 has been tested and found to comply with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines.

Declaration of Conformity According to 47CFR, Parts 2 and 15 for Class B Personal Computers and Peripherals

We:	RICOH IMAGING AMERICAS CORPORATION
Located at:	2 Gatehall Drive Suite 204, Parsippany, New Jersey 07054, U.S.A. Phone: 800-877-0155

Declare under sole responsibility that the product identified herein complies with 47CFR Parts 2 and 15 of the FCC rules as a Class B digital device. Each product marketed is identical to the representative unit tested and found to be compliant with the standards. Records maintained continue to reflect the equipment being produced can be expected to be within the variation accepted, due to quantity production and testing on the statistical basis as required by 47CFR §2.909. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation. The above named party is responsible for ensuring that the equipment complies with the standards of 47CFR §15.101 to §15.109.

Product Name:	Digital Camera
Model Number:	R03010
Contact Person:	Customer Service Manager
Date and Place:	September, 2020 Parsippany

For Customers in Canada
Innovation, Science and Economic Development Canada (ISED) Regulatory Compliance Notice

This Class B digital apparatus complies with Canadian ICES-003 (B).

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

The available scientific evidence does not show that any health problems are associated with using low power wireless devices. There is no proof, however, that these low power wireless devices are absolutely safe. Low power wireless devices emit low levels of radio frequency energy (RF) in the microwave range while being used. Whereas high levels of RF can produce health effects (by heating tissue), exposure of low-level RF that does not produce heating effects causes no known adverse health effects. Many studies of low-level RF exposures have not found any biological effects. Some studies have suggested that some biological effects might occur, but such findings have not been confirmed by additional research. The R03010 has been tested and found to comply with ISED radiation exposure limits set forth for an uncontrolled environment and meets RSS-102 of the ISED radio frequency (RF) Exposure rules.

Pour les utilisateurs au Canada
Avis de conformité à la réglementation d'Innovation, Sciences et Développement économique Canada (ISDE)

Cet appareil numérique de la classe B est conforme à la norme NMB-003 (B) du Canada.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. L'appareil ne doit pas produire de brouillage ;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Les connaissances scientifiques dont nous disposons n'ont mis en évidence aucun problème de santé associé à l'usage des appareils sans fil à faible puissance. Nous ne sommes cependant pas en mesure de prouver que ces appareils sans fil à faible puissance sont entièrement sans danger. Les appareils sans fil à faible puissance émettent une énergie fréquence radioélectrique (RF) très faible dans le spectre des micro-ondes lorsqu'ils sont utilisés. Alors qu'une dose élevée de RF peut avoir des effets sur la santé (en chauffant les tissus), l'exposition à de faibles RF qui ne produisent pas de chaleur n'a pas de mauvais effets connus sur la santé. De nombreuses études ont été menées sur les expositions aux RF faibles et n'ont découvert aucun effet biologique. Certaines études ont suggéré qu'il pouvait y avoir certains effets biologiques, mais ces résultats n'ont pas été confirmés par des recherches supplémentaires. Le R03010 a été testé et jugé conforme aux limites d'exposition aux rayonnements ISDE énoncées pour un environnement non contrôlé et respecte les règles d'exposition aux fréquences radioélectriques (RF) CNR-102 de l'ISDE.

For Customers in Europe

Information for Users on Collection and Disposal of Old Equipment and Used Batteries

1. In the European Union

These symbols on the products, packaging and/or accompanying documents mean that used electrical and electronic equipment and batteries should not be mixed with general household waste.

Used electrical/electronic equipment and batteries must be treated separately and in accordance with legislation that requires proper treatment, recovery and recycling of these products.

By disposing of these products correctly you will help ensure that the waste undergoes the necessary treatment, recovery and recycling and thus prevent potential negative effects on the environment and human health which could otherwise arise due to inappropriate waste handling.

If a chemical symbol is added beneath the symbol shown above, in accordance with the Battery Directive, this indicates that a heavy metal (Hg = Mercury, Cd = Cadmium, Pb = Lead) is present in the battery at a concentration above an applicable threshold specified in the Battery Directive.

For more information about collection and recycling of used products, please contact your local authorities, your waste disposal service or the point of sale where you purchased the products.

2. In other countries outside the EU

These symbols are only valid in the European Union. If you wish to discard used products, please contact your local authorities or dealer and ask for the correct method of disposal.

For Switzerland: Used electrical/electronic equipment can be returned free of charge to the dealer, even when you don't purchase a new product. Further collection facilities are listed on the home page of www.swico.ch or www.sens.ch.

CAUTION:
RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

For Customers in Thai

This telecommunication equipment conforms to the requirements of the Office of the National Broadcasting and Telecommunications Commission.

RICOH IMAGING COMPANY, LTD.	1-3-6, Nakamagome, Ohta-ku, Tokyo 143-8555, JAPAN (https://www.ricoh-imaging.co.jp)
RICOH IMAGING EUROPE S.A.S.	7-9, avenue Robert Schuman, 94150 RUNGIS, FRANCE (https://www.ricoh-imaging.eu)
RICOH IMAGING AMERICAS CORPORATION	2 Gatehall Drive Suite 204, Parsippany, New Jersey 07054, U.S.A. (https://www.us.ricoh-imaging.com)
RICOH IMAGING CANADA INC.	5560 Explorer Drive Suite 100, Mississauga, Ontario, L4W 5M3, CANADA (https://www.ricoh-imaging.ca)
RICOH IMAGING CHINA CO., LTD.	Room A 23F Lansheng Building, 2-8 Huaihaizhong Road, Huangpu District, Shanghai, 200021, CHINA (https://www.ricoh-imaging.com.cn/china/)

https://www.ricoh-imaging.co.jp/english/

This contact information may change without notice.
Please check the latest information on our websites.

- Specifications and external dimensions are subject to change without notice.

51563

WCGK3III101

Copyright © RICOH IMAGING COMPANY, LTD. 2025

R02DTB25 Printed in Europe