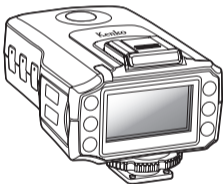


Wireless Transceiver

WTR-1

QUICK START GUIDE

for Nikon WTR-1 / for Canon WTR-1(C)



Thank you for purchasing this product. Please make sure you read this Quick Start Guide in its entirety before using this product.

Acknowledgments

In accordance with the radio transmission laws and regulations, this product received certification of compliance to the technical standards as a low electric power data transmission system. No license for radio transmissions is therefore necessary to use this product.

Safety Precautions



Warning:

ignoring the following instructions and cautions can cause fire or electric shock that may lead to serious injury or even death.

- Never attempt to disassemble and reassemble this product.
- In case the exterior parts get damaged, be careful not to touch them, as this could cause an electric shock.
- Do not submerge this product in water and make sure to not touch this product with wet hands, as this can cause an electric shock.
- Use only compatible battery cells. Insert the battery cells properly according to the (+/-) indications. If wrongly inserted, the battery cells could explode and their corrosive liquid could leak out.
- Do not mix battery types, brands or old and new cells.
- Do not use this product in humid or dusty environments, or in the presence of flammable or explosive gasses.
- In case you use this product on board of an airplane or in medical facilities, make sure to do so strictly according to the airline company/hospital's own regulations and indications.
- Keep this product out of reach of children.
- If by any chance the product overheats abnormally, and you detect smoke or a burning smell, stop using it immediately, store it in a place away from any flammable substance and contact our customer service.

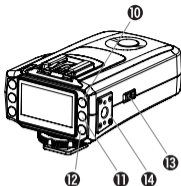
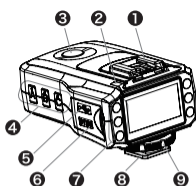


Attention:

ignoring the following instructions and cautions may lead to bodily injury or damage to property.

- Do not subject this product to any accidental and strong vibration or impact.
- When not using this product for a long time, remove any battery cells before storing it.
- Refrain from storing or leaving this product in enclosed spaces which may be subject to high temperatures, like the inside of a car, etc.
- Refrain from using organic solvents, like benzene, paint thinner, alcohol etc., for the regular cleaning and maintenance of this product. Deterioration or discoloration of the external parts may occur.
- This product uses 2.4GHz band. Stop using this product in case it happens to influence other wireless radio station or wireless devices nearby.

Part names



- ① Upper shoe mount
- ② Indicator lamp
- ③ Test button
- ④ Group (A,B,C) selecting button
- ⑤ USB connector
- ⑥ Synchro terminal
- ⑦ Mode, up/down selector, select button
- ⑧ Mounting attachment
- ⑨ Lock nut
- ⑩ Master/slave switching button
- ⑪ Channel selecting button
- ⑫ Synchro mode selecting button
- ⑬ Power switch
- ⑭ Mounting bracket nut
(not compatible with tripod screw)

Box contents

- WTR-1 Wireless Transceiver 1x
- Shoe mount cover 1x
- Quick start guide

Compatible battery cells

AA type alkaline dry cell or AA type nickel-metal hydride cell (2x)

CAUTION

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

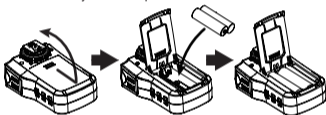
Main features

Transmission range	: over 30m
Channels number	: 15ch (Fixed)
Synchro mode	: High-speed, 1st-curtain sync, 2nd—curtain sync
Groups number	: 3 groups
Interface	: USB 2.0, synchro terminal
Operation Frequency	: 2411MHz-2471MHz
Max. EIRP	: -10.01dBm (for Europe)

Before use

How to insert batteries

Make sure there is no power supply to the unit. Open the battery lid at the bottom, insert the battery cells correctly according to the (+) (-) symbol indications, then close the battery lid back in place.



Battery insertion directions



How to attach WTR-1 Wireless Transceiver

When used as a transmitter:



- ① Loosen the locknut, then insert the unit all the way into the camera shoe mount.
- ② Turn the locknut back until it stops.

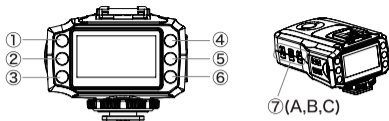


Note: before attaching this product, make sure the camera is turned OFF.

When used as a receiver:

Attach a non-wireless flash on the upper shoe mount of this unit.

Operations Setting



Each mode can be selected from the main monitor.

①	Enter light volume ratio
②	Enter zoom adjustment mode
③	Enter group individual setting mode
④	Enter master/slave switching mode
⑤	Enter channel switching mode
⑥	Synchro mode switch
⑦	Group switch

Basic operations

When used as a transmitter:

- Unit setting:
set on MASTER with the master/slave switching button, then select any group or channel.
- Remote Wireless Flash setting:
when using in combination with a remote flash unit (wireless flash), set the flash unit on SLAVE mode, then select and set the same group and channel on both the units.
The remote flash unit flashes every time you release the shutter.

When used as a receiver:

When using this unit as a receiver in combination with a different unit (used as a transmitter), set this unit on SLAVE mode, then select and set the same group and channel on both the units.

Notice



Hereby, Kenko Tokina Co., Ltd, declares that the radio equipment type WTR-1 is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:
<http://www.kenkoglobal.com>

FCC Compliance Statement:

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

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.

ISED Compliance Statement:

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.

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.

RF Exposure Compliance:

This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

ce matériel est conforme aux limites de dose d'exposition aux rayonnements FCC/IC énoncées pour un autre environnement, cet émetteur ne doit pas être situées ou opérant conjointement avec toute autre antenne ou l'émetteur.

For Customers in Europe
CULLMANN GERMANY GMBH
Waldstraße 12, 90579 Langenzenn, Germany

CAN ICES-3 (B)/NMB-3(B)
CN ICES-3 (B)/NMB-3(B)

Complies with
IMDA Standards
[DA105282]

Supported cameras

Please consult the product page of this product.

Instruction manual

The instruction manual is available on the product page for download.

Firmware updates

Connect the unit to your PC with a regular micro USB cable and then update the firmware by following the instructions available on the product page.

Trouble shooting

The unit won't turn on	Please check the battery cells and replace them when necessary.
No light emission	Please check there is no dust or dirt on the camera shoe mount. Make sure that the unit is firmly mounted on the camera.
Repair	For any questions about repairs, etc., please directly contact the shop you purchased the item from.

Contacts



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Nakano-ku, Tokyo 164-8616, Japan

www.kenkoglobal.com