

TELEPLUS HD 2x DGX For use with Canon EOS EF/EF-S Instruction Manual

- Wide Angle - 200mm Lens
- Digital SLR
- 35mm Film SLR
- Genuine Canon Lenses and Tokina Lenses

Thank you for purchasing the TELEPLUS HD 2x DGX. The TELEPLUS HD 2x DGX is a teleconverter lens that extends the focal length of the master lens by 2x.

New functionality added to this product is the ability to change the focal length and the F number while mounted, and record Exif information.

Please make sure to read and understand this instruction manual carefully before using the product.

For your safety

To prevent damage to your product or injury to yourself or to others, read the following safety precautions in their entirety before using this equipment. Keep these safety instructions where all those who use the product will read them. The consequences that could result from failure to observe the precautions listed in this section are indicated by the following symbol:

WARNINGS inappropriate use by not following these instructions may lead to death or serious injury.

- Do not leave the lens without the cap. If solar light is converged through the lens, a fire may result.
- Do not look at the sun through the lens. Viewing the sun or other strong light source through the lens could cause permanent visual impairment.
- Do not look at the sun through the camera with lens. Viewing the sun or other strong light source through the lens could cause permanent visual impairment. In addition, it may cause damage to the camera.
- When mounting the teleconverter to the camera, please do so carefully. If it is not attached correctly, malfunction or injury may occur.
- Keep out of reach of children. Failure to observe this precaution could result in injury.
- Do not use product on an unstable or an uneven surface. Accidents could occur.

CAUTION Inappropriate use by not following these instructions may lead to injury or physical damage.

- Read the instruction manual.
- When you carry the camera with the lens attached, make sure to hold the camera and lens securely.
- Before taking pictures, please check the lens
- Do not disassemble. Touching the product's internal parts could result in injury. In the event of malfunction, the product should be repaired only by a qualified technician.
- Do not strongly shake or impact the body by dropping it or hitting it against a hard object. It could cause a malfunction.
- Keep this product out of children's or pet's reach. Accidental swallowing or injury could occur.
- Keep the plastic bag (packaging) away from babies and children. Keep the plastic bag (packaging) away from babies and children to avoid danger from suffocation.

- The diagrams contained in this manual are for illustration purposes only and may slightly differ from the real product in shape and other features.
- The description of the specifications, design, and other features of this product as shown in this manual is subject to change without prior notice.
- Please use this product in accordance with the methods described in this manual with respect to the specifications. In particular, please strictly observe the cautionary advice in "Safety Precaution."
- We take every precaution to ensure that the descriptions of this manual are correct and accurate. However, should you have any doubts or notice any errors, omissions, etc., please do not hesitate to inform us. Disclaimer : We do not accept any liability for errors or omissions in this instruction manual.
- We are not liable for any damages, lost profits or any claim by any third party resulting from the inappropriate use of this product.

For use with Canon EOS EF/EF-S

Mounting and Dismounting

1. Set the main switch to LOCK (OFF) and detach the master lens from the camera.
2. Align the markings on the front side of the TELEPLUS (master lens side) and the master lens, then connect the TELEPLUS to the master lens and rotate the TELEPLUS in a clockwise direction until you hear a "click" sound.
 - * The markings used are a red dot on the EF lens and a white square on the EF-S.
3. Align the red dot on the rear of the TELEPLUS (camera body side) with the indicator on the camera body and insert, then connect the TELEPLUS (+ the lens) to the camera and rotate the lens in a clockwise direction until you hear a "click" sound.
 - * When mounting the lenses, always make certain that you hear a "click" sound.
 - * When the battery is depleted or the lens has not been correctly attached, "bc" may be displayed on the camera display and the mirror lock-up may occur. In that situation, after dismantling the lens and the TELEPLUS, half press the shutter button to release the mirror lock-up. Then check the battery and any other power components on the camera.
4. The procedure for dismantling the TELEPLUS is the same as the procedure for mounting, but in the reverse order.
 - * Cannot be used with the EOS-1D X

Notes regarding focusing functionality

- When using a zoom lens that changes the maximum aperture (example: 3.5 - 5.6), there may be cases where the AF on the telescopic lens side fails to work, so in that case you will need to adjust the focus manually.
- When using lenses of 200mm or more, because the depth of field in the picture is shallower, it is difficult to adjust the focus with the AF, so will need to adjust the focus manually. Also, vignetting may occur.
- You may not be able to use the AF when the batteries in the camera are depleted. Even if the batteries are not completely depleted, if you find yourself unable to use the AF, you should change the batteries.
- Motion tracking AF may not operate correctly when using the TELEPLUS.
- Because the A type lenses cannot be focused manually, the TELEPLUS cannot be used with A type lenses where the maximum aperture is too dark.
- **With the exception of the lens noted below, [where it is impossible to use the AF with that lens],** all lenses whose maximum aperture is brighter than F2.8 can be used for AF photography.
- When using lenses whose maximum aperture is darker than F3.5, depending on the camera's construction, it may become impossible to use the AF accurately, so in that case you will need to adjust the focus manually.
- Depending on the lens the camera may automatically switch to manual focus.
- Note regarding cameras with F8 sensors built in The TELEPLUS is not compatible with F8 sensors, so if the composite F number exceeds F5.6 (in cases where the F number of the master lens exceeds F2.8) you will need to adjust the focus manually.
- In any situation when you find it difficult to adjust the focus using the AF you should use the manual focus instead.
- When using a macro lens, the AF may operate slowly. In that situation, first adjust the focus roughly using the focus ring, and then use the AF to achieve a more precise focus.

The lens cannot be used with the AF:	EF 50mm F1.8
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How to determine the exposure

The TELEPLUS operates in coordination with the TTL and AE. When using the TELEPLUS, the F values become two stops darker, but when the TELEPLUS is mounted, it automatically corrects the aperture values to a composite F number, so it is possible to start photographing without making any further adjustments. However, depending on the subject and the conditions of photography, exposure compensation may be necessary. When using the TELEPLUS, you should adjust the amount of exposure to your own personal satisfaction. (Use the exposure compensation function on your camera)

Notes regarding the display of aperture values

The aperture values are displayed as conversions to the actual F numbers that apply.

- * Because the lens portion of the TELEPLUS serves as a fixed aperture, it cannot be used with an aperture where the master lens would be at a brighter F number than 1.8. Even if the TELEPLUS were set to an F stop of 1.2, it would take photographs at F1.8 and result in incorrect exposure.

Notes regarding the exposure mode and photometry system

- The exposure mode and photometry system, enable adequate exposure to be obtained, but depending on the subject and the conditions of photography, exposure compensation may be necessary. Please adjust the amount of exposure, as you prefer. (Use the exposure compensation function on your camera)
- It is possible to use an electronic flash unit (Speedlite), but the maximum range for correct exposure is 0.5x. Depending on the subject and the conditions of photography, exposure compensation may be necessary. Please refer to the instruction manuals for your camera and electronic flash unit, and adjust accordingly.

Specifications

Magnification	2x
Exposure Magnification	4 times (2 stops)
Lens Composition	5 Elements in 4 Groups
Coating	Multicoated
Barrel length	35.9mm
Barrel Diameter	68.0mm
Weight	168g

*USM (supersonic motor) compatible.

Important notes about using the TELEPLUS

- Do not use the TELEPLUS with multiple additional extensions.
- This product is compatible with genuine Canon lenses and Tokina lenses. It is not compatible with any other lenses. Kenko Tokina cannot accept responsibility for any problems that may occur as a result of using the TELEPLUS with lenses other than genuine Canon lenses or Tokina lenses.
- Kenko Tokina cannot accept responsibility for any problems that may occur as a result of using the TELEPLUS in combination with any products that it is not compatible with.
- Because IS (Image Stabilization) can be the cause of poor functionality, you should set it to OFF.
- The TELEPLUS is not compatible with the lens optical correction and AF microadjustment functionality built into your camera, so set these to OFF when using the TELEPLUS.
- The TELEPLUS cannot be used with a master lens that does not have electrical contacts.
- When not using the TELEPLUS, unmount it from the camera and the master lens, and attach the front and rear caps before returning it to storage.
- It is possible to attach an EF-S Lens to a 35mm full size sensor camera via the TELEPLUS HD, but we will not guarantee its operation.

<Notes in regard to Exif Information (Camera Data)>
Image data (focal length / F stop numbers) that are recorded as Exif information, reflect the data when the TELEPLUS is attached.
Example: Mounted on a 100mm f2.8

The lens data is recorded as 200mm f5.6.
* In the case where the image data captured by the TELEPLUS is used to check the Exif information with image processing software, the name of the lens used may not be displayed.

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