

## TELEPLUS HD 2x DGX

Only for Nikon AF-S (G / E)

Instruction Manual

Wide Angle - 200mm Lens

Digital SLR

Tokina lenses\*

Genuine Nikon lenses\*

\* For some lenses, auto-focus is inoperative.

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.

KenkoTokina Group photograph submission site



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## Lenses to be used

- Nikon AF-S G / E
- The Tokina lenses which correspond to the Nikon AF-S G lens (In-lens motor with no aperture ring)
 

AT-X 124 PRO DXII	AT-X 116 PRO DXII
AT-X 12-28 PRO DX	AT-X 11-20 PRO DX
AT-X 14-20 F2 PRO DX	AT-X 16-28 F2.8 PRO FX
AT-X 17-35 F4 PRO FX	AT-X 24-70 F2.8 PRO FX
- \* AT-X 70-200 F/4 PRO FX cannot be used due to specification differences.

As of November 2016

## How to use

### Mounting and Dismounting

1. Turn off the camera's main switch and remove the master lens from the camera.
2. Match the white spot on the front of the TELEPLUS (on the master lens side) to the indicator on the master lens mount, and turn counterclockwise until it clicks.
3. Match the white spot at the rear of the TELEPLUS (camera body side) to the index mark on the camera body and turn counterclockwise until it clicks.
4. The procedure for dismounting the TELEPLUS is same as the procedure for mounting, but in the reverse order.

### Notes regarding focusing functionality

- Since the depth of field becomes shallow, the AF may have some difficulty finding correct focus. If this is so, then you must focus manually. Also, vignetting may occur.
- When used for a fixed focal length lens whose fully open f-stop value is darker than F3.5 or a zoom lens whose fully open f-stop value changes (eg, F3.5-5.6, etc.), the AF may not operate, so you must focus manually.
- 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.
- When using a TELEPLUS, motion prediction AF may not work correctly.
- Note regarding cameras with F8 sensors built in TELEPLUS is not compatible with F8 sensors, so when the composite f-stop value exceeds F5.6 (when the f-stop value of the master lens exceeds F2.8), you must focus manually.
- 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.

AF inoperable lenses	
	AF-S Micro NIKKOR 60mm F2.8G ED
	AF-S NIKKOR 14-24mm F2.8G ED
	AF-S NIKKOR 24-70mm F2.8G ED

### How to determine the exposure

TELEPLUS supports each exposure mode. When using a TELEPLUS, the f-stop value is increased (darker) by 2 stop, but the aperture value will be automatically corrected to the composite f-stop value, so you can shoot as is. 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.  
(Please use the exposure compensation function on the camera)

### About the use of Speedlite flashes

Although the use of Speedlite flash is possible, the maximum dimming range is 0.5 times.

## 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.

## Specifications

Magnification .....	2x
Exposure Magnification .....	4 times (2 stop)
Lens Composition .....	3 Elements in 5 Groups
Coating .....	Multicoated
Barrel length .....	36.0mm
Barrel Diameter .....	68.0mm
Weight .....	171g
Exposure meter linkage method .....	CPU method

\* It is not compatible with Ai lenses.

## Important notes about using the TELEPLUS

- Do not use with lenses that have electrical contacts and aperture ring (D type of Ai S or AF - S, etc.). Otherwise it will cause an error. It cannot be used manually.  
\* Since there is no aperture ring, information concerning the aperture cannot be transmitted, so an error will occur.
- For AF - S (G / E type) lenses only. It does not correspond to Ai interlocking claws, etc. Therefore, it cannot be used with cameras not compatible with AF - S (G / E type) lenses. (For digital cameras only.)
- Please turn off the VR (camera shake correction function) to prevent malfunctions.
- Please do not use this product with other teleconverters in multiple connections.
- This product is compatible with Nikon genuine lenses and Tokina lenses. It is not compatible with any other lenses. Please do not use lenses of other manufacturers as it will cause malfunction. We cannot respond to problems that arise from using lenses other than Nikon genuine lenses and Tokina lenses.
- We cannot respond to problems arising from equipment combinations that cannot be used.
- When not using this product, remove it from the camera and attach the front and rear lens caps according to the indexes to prevent dirt and scratches on the lens part, etc.
- When the lens is not mounted, since the interlocking lever of the TELEPLUS is floating, a 'rattling' sound may be heard but it is not a malfunction.
- If you do not operate the camera for a while and the camera enters standby mode, communication of the lens signal stops between the camera and the TELEPLUS, after which it is not possible to respond immediately to a shutter release. Please press the shutter release button in halfway before shooting, or set the "half-press timer" of the camera in advance.

## <About Exif (camera data) information>

Image data (focus length / stop numbers) that are recorded as Exif information, reflect the data when the TELEPLUS is attached.  
For example: When 100 mm f 2.8 is mounted  
The lens data is recorded as 200mm f5.6.  
\* If you check Exif information via image processing software, the name of the lens used may not be displayed for shots where the TELEPLUS was used.

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## Safety Precautions

For your safety please read the Safety Precautions thoroughly before use, and be mindful of them.

In this manual, the following precautionation are used.

- ⚠ indicates that there is content that needs attention. The figure illustrates the points that need attention. (The figure on the left indicates a fire hazard.)
- 🚫 indicates a ban. The figure illustrates the extent of the prohibition. (The figure on the left indicates that disassembly is prohibited.)
- 📌 indicates instructions. The figure illustrates the extent of the instruction. (The figure on the left gives instructions regarding the caution needing attention.)

In this manual, hazards are divided into the following two types, according to their content and extent.

- ⚠ **Warning**  
Inappropriate use from not complying with this instruction may result in death or serious injury.
- ⚠ **Caution**  
Inappropriate use from not complying with this instruction may result in injury. In addition, property damage may occur.

## Warning

- 🚫 Please do not look at the sun through the lens. It may cause permanent blindness.
- 🚫 Please keep the lens out of reach of children. There is an injury risk if the lens falls or is dropped. Also, if the strap is wrapped around the neck, choking/suffocation may occur.

## Caution

- 📌 When attaching the lens to the camera, please correctly mount the lens in the camera body and confirm that it is properly locked in position. If the lens is not mounted correctly, it may become jammed in position, or else it may fall off, causing injury.
- 📌 When taking important photos such as during wedding ceremonies and overseas trips, be sure to check your equipment with trial shots beforehand to prevent failure.
- 🚫 Avoid placing the lens in direct sunlight. Lenses can focus light on nearby objects causing them to catch fire.

- 📌 When mounting the lens, be sure that it is securely attached. If it becomes loose, drops and breaks, equipment or glass fragments may cause injury. Please do not move your equipment with a tripod attached. Falls or impact shocks may cause injuries. When using a heavy lens, use a lens mounted tripod with additional support for the camera such as a tripod or monopod. If a heavy lens is used without adequate support, this may cause a poor connection between the TELEPLUS and the lens or camera body, preventing linking of aperture and other information to the camera. It also causes intermittent contact failure.

- 🚫 Do not interfere with the movement of the focus ring during auto focus operation. Also, do not forcibly turn the focus ring by hand whilst in AF mode. The lens or the inside of the camera may be damaged.

- 📌 To exclude unwanted light rays, shoot with a lens hood attached.   
\* If some filters are already installed, it may not be possible to attach a lens hood.   
\* When using flash, remove the lens hood if vignetting occurs.

- 🚫 Do not remodel or alter the lens. It may cause the lens or camera to malfunction. Our service center may not be able to repair lenses which have been remodeled/altered.

- 📌 When not using the lens, please be sure to put on the front and rear lens caps. A malfunction may occur due to corrosion of the electrical contacts and bending of interlocking pins.