

Teleconverter Compatibility

TC-1401 1.4x TELECONVERTER/ TC-2001 2.0x TELECONVERTER

Dedicated Lenses Current Line	FOR SIGMA		FOR NIKON		FOR CANON	
	TC-1401	TC- 2001	TC- 1401	TC- 2001	TC- 1401	TC- 2001
60-600mm F4.5-6.3 DG OS HSM I Sports	AF*5	MF	AF*5	MF	AF*5	MF
70-200mm F2.8 DG OS HSM I Sports	AF	AF	AF	AF	AF	AF
100-400mm F5-6.3 DG OS HSM Contemporary	AF*6	MF	AF*6	MF	AF*6	MF
120-300mm F2.8 DG OS HSM Sports	AF*1	AF*1	AF*2	AF*2	AF*3	AF*3
150-600mm F5-6.3 DG OS HSM Sports	AF*4	MF	AF*4	MF	AF*4	MF
150-600mm F5-6.3 DG OS HSM Contemporary	AF*4	MF	AF*4	MF	AF*4	MF
500mm F4 DG OS HSM I Sport	AF	AF*4	AF	AF*4	AF	AF*4
70mm F2.8 DG MACRO I Art	AF*7	MF	-	-	AF*7	MF

Usable Lenses and Combinations

SIGMA TELE CONVERTER TC-1401 and TC-2001 are dedicated to Tele Converter lenses, which should be used with only listed lenses.

The converter cannot be attached to the camera and lens whose mount is different.

Do not use the SIGMA TELE CONVERTER on top of another SIGMA TELE CONVERTER, or any other kinds of converters.

Attaching the APO Tele Converter to the Lens

First, attach the APO Tele Converter EX to the master lens. Then, attach the lens and the Tele Converter to the camera body. If you attach the Tele Converter to the camera body first it may cause a malfunction.

Exposure

Using the APO Tele Converter EX decreases the effective aperture by one F-stop (with 1.4x Tele Converter) or by two F-stops (with 2x Tele Converter). Regardless of exposure mode, correct exposure can be obtained.

Focusing

On the lists, the lenses marked "AF" will retain auto focus operation when used with a Tele Converter. The lenses marked "MF" can only be used for manual focus.

Some lenses will be operated AF even mentioned "MF", however, be aware that these lenses cannot focus precisely by auto focusing. Therefore, please use such lenses in MF mode when teleconverter is attached.

*1 It becomes compatible with the new tele converters once the lens firmware is updated to Ver. 1.01 or later.

*2 It becomes compatible with the new tele converters once the lens firmware is updated to Ver. 1.02 or later.

*3 It becomes compatible with the new tele converters once the lens firmware is updated to Ver. 1.03 or later.

*4 When SIGMA TELE CONVERTER TC-1401 is attached to cameras that are compatible with AF at F8, it is possible to shoot with AF. In cases where contrast or brightness level of the shooting object is low, it may not focus properly.

*5 When it is attached to cameras that are compatible with AF at F8, focus accuracy is not ensured on the telephoto side at the focallength scale more than 300mm.

*6 When it is attached to cameras that are compatible with AF at F8, focus accuracy is not ensured on the telephoto side at the focallength scale more than 200mm.

*7 Autofocus available at 0.5m to infinity.

APO 1.4x EX DG TELECONVERTER/ APO 2.0x EX DG TELECONVERTER

Dedicated Lenses Current Line	FOR SIGMA	FOR SONY SERIAL NO. LOWER THAN 5000001	FOR SONY SERIAL NO. HIGHER THAN 5000001	FOR NIKON	FOR PENTAX	FOR CANON
	1.4X 2X	1.4X 2X	1.4X 2X	1.4X 2X	1.4X 2X	1.4X 2X

APO 50-500mm F4.5-6.3 DG OS HSM MF MF • MF MF MF MF MF MF • - - MF MF •

APO 70-200mm F2.8 EX DG OS HSM	AF	AF	• MF	MF	AF	AF	• AF	AF	• -	-	AF	AF	•
APO 120-400mm F4.5-5.6 DG OS HSM /	MF	MF	• MF	MF	MF	MF	MF	MF	• -	-	MF	MF	•
APO 120-400mm F4.5-5.6 DG HSM													
APO 150-500mm F5-6.3 DG OS HSM /	MF	MF	• MF	MF	MF	MF	MF	MF	• -	-	MF	MF	•
APO 150-500mm F5-6.3 DG HSM													
APO 300-800mm F5.6 EX DG HSM	MF	MF	• -	-	-	-	MF	MF	• -	-	MF	MF	•
MACRO 105mm F2.8 EX DG OS HSM	AF* 3	MF	• -	-	AF*3	MF	AF*3	MF	• -	-	AF*3	MF	•
APO MACRO 150mm F2.8 EX DG OS HSM	AF* 4	MF	• -	-	-	-	AF*4	MF	• -	-	AF*4	MF	•
APO MACRO 180mm F2.8 EX DG OS HSM	AF* 6	MF	• MF	MF	AF*6	MF	AF*6	MF	• -	-	AF*6	MF	•
APO 300mm	AF	AF	• AF	AF	MF	MF	AF	AF	• AF	AF	AF	AF	•

F2.8 EX DG / HSM														
APO 500mm F4.5 EX DG / HSM	MF	MF	• MF	• MF	MF	MF	MF	MF						
APO 800mm F5.6 EX DG HSM	MF	MF	• MF	• MF	MF	MF	MF	MF						

Dedicated Lenses Discontinued Lenses	FOR SIGMA	FOR SONY SERIAL NO. LOWER THAN 5000001		FOR SONY SERIAL NO. HIGHER THAN 5000001		FOR NIKON		FOR PENTAX		FOR CANON			
		1.4X	2X	1.4X	2X	1.4X	2X	1.4X	2X	1.4X	2X		
APO 800mm F5.6 EX DG / HSM	MF	MF	• MF	MF	MF	MF	MF	MF	MF	• MF	MF	MF	MF
APO 50-150mm F2.8 EX DC OS HSM	AF	AF	• MF	MF	AF	AF	• AF	AF	AF	• -	-	AF	AF
APO 50-150mm F2.8 II EX DC HSM	AF	AF	• -	-	-	-	AF	AF	AF	• -	-	AF	AF
APO 50-150mm F2.8 EX DC HSM	AF	AF	• -	-	-	-	AF	AF	AF	• -	-	AF	AF
APO 50-500mm F4-6.3 EX DG / HSM	MF*	MF*	• MF*	MF*	MF*	MF*	MF*	MF*	MF*	• MF	MF	MF*	MF*
APO 50-500mm F4-6.3 EX RF / HSM	MF*	MF*	• MF*	MF*	MF*	MF*	MF*	MF*	MF*	• MF*	MF*	MF*	MF*

APO 70-200mm F2.8 II EX DG MACRO HSM	AF	AF	• MF	MF	AF	AF	AF	AF	• -	-	AF	AF	•
APO 70-200mm F2.8 EX DG MACRO HSM	AF	AF	• -	-	-	-	AF	AF	• -	-	AF	AF	•
APO 70-200mm F2.8 EX DG / HSM	AF	AF	• AF	AF	MF	MF	AF	AF	• AF	AF	AF	AF	•
APO 70-200mm F2.8 EX / HSM	AF	AF	• AF	AF	MF	MF	AF	AF	• AF	AF	AF	AF	•
APO 70-210mm F2.8	MF	MF	AF	AF	MF	MF	MF	MF	-	-	MF	MF	
APO 80-400mm F4.5-5.6 EX DG OS	MF	MF	• -	-	-	-	MF	MF	• -	-	MF	MF	•
APO 80-400mm F4.5-5.6 EX OS	MF	MF	• -	-	-	-	MF	MF	• -	-	MF	MF	•
APO 100-300mm F4 EX DG / HSM	AF	MF	• AF	MF	MF	MF	AF	MF	• AF	MF	AF	MF	•
APO 100-300mm F4 EX IF / HSM	AF	MF	• AF	MF	MF	MF	AF	MF	• AF	MF	AF	MF	•
APO 120-300mm F2.8 EX DG OS HSM	AF	AF	• -	-	-	-	AF	AF	• -	-	AF	AF	•

APO															
300mm	AF	AF	• AF	AF	MF	MF	AF	AF	• AF	AF	AF	AF	AF	AF	•
F2.8 EX /															
HSM															
APO															
300mm	MF	MF	AF	AF	MF	MF	MF	MF	-	-	MF	MF			
F2.8															
APO															
500mm	MF	MF	• MF	MF	MF	MF	MF	MF	• MF	MF	MF	MF	MF	MF	•
F4.5 EX /															
HSM															
APO															
500mm	MF	MF	MF	MF	MF	MF	MF	MF	-	-	MF	MF			
F4.5															
APO															
800mm	MF	MF	• MF	MF	MF	MF	MF	MF	• MF	MF	MF	MF	MF	MF	•
F5.6 EX /															
HSM															
APO															
800mm	MF	MF	MF	MF	MF	MF	MF	MF	-	-	MF	MF			
F5.6															
APO															
1000mm F8	MF	MF	MF	MF	MF	MF	MF	MF	-	-	MF	MF			

Teleconverter Compatibility chart

- Sigma APO Tele Converter 1.4x and 2x are dedicated to Tele Converter lenses, which should be used with only listed lenses.
- AF function of Pentax mounts cannot be used with SFX/SF7 cameras.
- Do not use the APO Tele Converter EX on top of another APO Tele Converter, or any other kinds of converters.

ATTACHING THE TELECONVERTER TO THE LENS

- First, attach the APO Tele Converter EX to the master lens. Then, attach the lens and the Tele Converter to the camera body. If you attach the Tele Converter to the camera body first it may cause a malfunction.
- For Sony mount, when attaching the APO TELE CONVERTER with a serial number lower than 5000001 to the camera body, it will prevent the AF mechanism from working.

Exposure

- Using the APO Tele Converter EX decreases the effective aperture by one F-stop (with 1.4x Tele Converter) or by two F-stops (with 2x Tele Converter). Regardless of exposure mode, correct exposure can be obtained.

- If using a lens with a • in the list, the camera's display will indicate the converted exposure information. If using a lens which does not have • in the list while using a hand-held exposure meter, you should increase the exposure reading by 1-stop for the APO 1.4x Tele Converter EX or by 2-stops for the APO 2x Tele Converter EX.

Focusing

- The lenses marked "AF" will retain auto focus operation when used with a Tele Converter.
- The lenses marked "MF" can only be used for manual focus.
- In some cases, autofocus may work for some SONY AF, NIKON and PENTAX lenses noted as "MF". Please be aware that precise focusing is not possible, so please use manual focusing when using a teleconverter with the lens.
- *1 With 1.4x APO Tele Converter, AF can operate between infinity and 1.2m. If the subject is closer than 1.2m, only MF is available.
- *2 With 1.4x APO Tele Converter, AF can operate between infinity and 0.52m. If the subject is closer than 0.52m, only MF is available.
- *3 With 1.4x APO Tele Converter, AF can operate between infinity and 0.45m. If the subject is closer than 0.45m, only MF is available.
- *4 With 1.4x APO Tele Converter, AF can operate between infinity and 0.53m. If the subject is closer than 0.53m, only MF is available.
- *5 When the Tele Converter is attached, the zoom range will be restricted to between 100mm to 500mm
- *6 With 1.4x APO Tele Converter, AF can operate between infinity and 0.67m. If the subject is closer than 0.67m, only MF is available.

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