



# Compatibility Guide

## Leaf A*Fi* Camera System Compatibility

## Introduction

In addition to the range of lenses and accessories that are available from Leaf, many additional lenses and accessories are also compatible with your Leaf AFi camera system.

This document describes the lenses and accessories that are compatible with the Leaf AFi camera system, and those that are compatible with simple modification.

## Rollei Lenses and Accessories

Between 1966 and 1988 Rollei introduced a number of high quality medium format SLR cameras. These cameras and accessories were well designed and many are still found in stores and studios around the world today.

In 1988 Rollei introduced the Rolleiflex 6008, a medium format, high-quality film camera, and created a line of lenses with a **PQ** and **PQS** designation. Rollei's accessories that were manufactured before the release of the Rolleiflex 6008 were compatible with the 6008, but accessories manufactured after the release were not backwards compatible with Rollei's earlier cameras.

Lenses created for the Rollei 6008 are compatible with the AFi. However, although SLX lenses are compatible with the 6008, they are not compatible with the Leaf AFi camera system.

## Lens Terminology

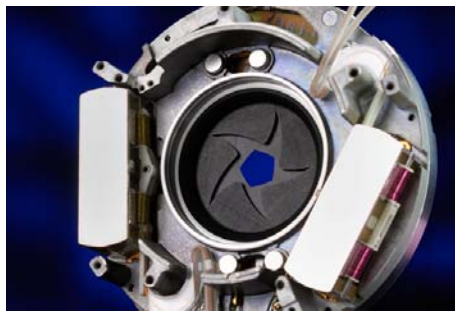
The new series of lenses that were introduced by Rollei in 1988 had the following letters on the lenses:

- **PQ**—Professional Quality. Made by both Zeiss and Schneider-Kreuznach to the specifications of Rollei/Franke & Heidecke.
- **PQS**—Professional Quality Speed. By using carbon fiber (made for the aerospace industry) the lens manufacturers were able to speed up the shutter on the lenses to 1/1000th of a second.
- **EL**—Economy Line. Subsequent to the release of the PQS line, a less expensive line of lenses was introduced, which had printed scales instead of the traditional engraved scales, as well as 67mm thread instead of the bayonet filter.
- **HFT**—High Fidelity Transfer. Named after the multi-coating on the lens (and the same as the T\* multi-coating that Hasselblad uses). HFT lenses are coated in special, ultra-thin films that are evaporated onto the lens surfaces. The result is a noticeable reduction in the amount of light reflected from the lens elements, resulting in a lower contrast-degrading flare. Also, light transmission is increased, optimizing the lens speed.

## Shutter

The shutter blades of PQS lenses and lenses with wide apertures are made of carbon fiber material, which is purchased from the German Space Agency (DLR). Carbon fiber material is very thin (similar to a sheet of paper), and ultra light. The shutter blades are stamped out in the F&H factory by hand because the special structure of the carbon fiber material must be in a specific position when cut.

Leaf's carbon fiber shutters work on a cushion of air so that there is virtually no friction between the blades, keeping them dust free. In turn, this virtually eliminates the dust that can reach the internal elements.



## Flash

The SCA (Special Camera Adapter) was developed by a pool of European flash manufacturers including Metz, Bosch, Agfa, and Philips. Development started in 1979, and the first adapters were launched in 1982. As of today, Metz is the only company producing SCA adapters.

The SCA 300 was made for the conventional film photography, SCA 3002 for digital.



To shoot with a portable flash in TTL mode, you need a Rollei 3562 Adapter (Leaf part # 604-00212) and an SCA 3002 system flash. A Rollei 356 Adapter (Leaf part # 604-00211) is also available for shooting with the SCA 300 flash system for film. Presently, only Metz makes flashes that can be used in TTL mode on the Leaf AFi camera system.

## Filters

Step up rings are available from B+W to go from Bay VI to 67mm or 72mm.

Lee Filters make a filter holder system that fits many Rollei lenses.

Foundation Kit with a Rollei VI Adapter Ring will fit lenses with a Bay VI size.

102mm Push On Filter holder fits lenses with Bay 104.

## Compatibility

The following table describes the compatibility of lenses and accessories that you may already own:

Lens or Accessory	Compatible?	Notes
PQ/PQS lenses	Yes	Manufactured by Zeiss or Schneider-Kreuznach for the Rolleiflex 6008.
Non-PQ or PQS lenses	No	If used, when you release the shutter the lens may trigger, closing the blades and rendering the lens inoperable. Reset using a Rolleiflex 6008 camera.
Film magazine 4560 from the Rolleiflex 6008	Yes	Magazine Adapter Frame required. Available from Leaf: <b>P/N TBD</b> .
All Rolleiflex system interchangeable screens	Yes	
Extension tubes	Yes	Some tubes were built for the old Rolleiflex SLX/6006, and do <u>not</u> work in open aperture and auto focus. These can be modified by Franke & Heidecke in Germany. In the future, the modification can be done in other locations.
Retro-adapter (lens reversing ring for macro work)	Yes	Some adapters were built for the old Rolleiflex SLX/6006, and do <u>not</u> work in open aperture and auto focus. These can be modified by Franke & Heidecke in Germany. In the future, the modification can be done in other locations.
Extension bellows	Yes	Some bellows were built for the old Rolleiflex SLX/6006, and do <u>not</u> work in open aperture and auto focus. These can be modified by Franke & Heidecke in Germany. In the future, the modification can be done in other locations.
2X Teleconverter	Yes	Not compatible with the Leaf AFi camera system in auto focus mode.
1.4X AF-Longar Teleconverter	Yes	Optimized for Schneider lenses. The non-AF version can be modified to become AF, but this is not recommended. The 1.4X AF- teleconverter can not be fitted on wide angle lenses or older Planar 80mm lenses because the exit element of the lens will touch the entrance element of the converter.



Release cables and other electronic units from the 6000 system	No	
Rollei 6XXX/SLX Prism finders and other Rollei 6XXX/SLX viewing hoods	No	

## Compatible Lenses Available from Leaf

The following compatible lenses are available from Leaf:

Focal Length & Aperture	Product	Type	Leaf Part #	Status	Filter	Leaf Lens Hood Part #
35 mm/	Flektogon		TBD	2008		TBD
40 mm/3.5	Super-Angulon	PQ	604-00226		M 77 x 0.75	604-00213
50 mm/2.8	AFD-Super-Angulon	PQS	380-00186		M 95 x 1/Bay 104	604-00214
80 mm/2.8	AFD-Xenotar	PQS	380-00187		Bay VI	604-00216
90 mm/4.0	Apo Symmar MaKro	PQS	604-00229		M 95 x 1/Bay 104	604-00229
110 mm/2.0	Planar	PQ	604-00225		M 95 x 1/Bay 104	604-00217
150 mm/4.0	AFD-Tele Xenar	PQS	380-00182	2008	Bay VI	604-00216
180 mm/2.8	AFD-Tele-Xenar	PQ	380-00183		M 95 x 1/Bay 104	604-00217
250 mm/5.6	Sonnar	PQS	604-00231		Bay VI	604-00216
60-140 mm/4.6	AFD-Variogon (with lens hood)	PQS	380-00184		M 122 x 1	604-00218
140-280 mm/5.6	Variogon (with lens hood)	PQ	604-00228		M 95 x 1	604-00228
300 mm/4.0	Apo-Tele-Xenar (with lens hood)	PQ	604-00227		M 95 x 1	604-00227
1.4 X	AF-Converter 1.4x HFT (not for use with wide angle lenses)		604-00232		-	604-00232

## Lens Hoods

The following lens hoods are available from Leaf:

Lens	Product	Size	Leaf Part #
40mm/3.5	Lens hood	Slip-on	604-00213
50mm/2.8	Lens hood for Super Angulon	Bay 104	604-00214
50mm/60mm	Lens hood for Distagon 50mm/60mm	Bay VI	604-00215
80-250mm	Lens hood (not for 180 & 110)	Bay VI	604-00216
110mm/2.0	Lens hood	Bay 104	604-00217
180mm/2.8	Lens hood	Bay 104	604-00217
60-140mm/4.6	Lens hood	Special bay	604-00218

## Other Compatible Lenses

### Legend:

**FLE**—Floating Elements. For a better optical quality in a closer shooting distance.

**EL**—Economy Line. Printed scales and E 67 filter thread.

**PCS**—Perspective Control Shift. A special shift and tilt lens from Schneider (no longer available).

**NC**—Not currently manufactured.

Focal Length & Aperture	Product	Type	Rollei Part #	Status	Filter Size
30mm/3.5	F-Distagon (Fisheye)	PQ	64866		M24 x 0.5
40 mm/4.0	Distagon	PQ	86814	NC	Slip-on hood with insert filter 93 mm
40 mm/4.0	Distagon FLE	PQ	86815	NC	M 86 x 0.75
50 mm/2.8	Super-Angulon	PQS	63346	NC	M 95 x1
50 mm/2.8	AF-Super-Angulon	PQS	54080		M 95 x1
50 mm/4.0	Distagon	PQ	86704	NC	Bay VI
50 mm/4.0	Distagon EL	PQ	86706	NC	M 67 inner Bay VI outer
50 mm/4.0	Distagon FLE	PQ	86705	NC	Bay VI
55 mm/4.5	PCS-Super-Angulon (Shift)	PQ	86900	NC	Bay 104
60 mm/3.5	Distagon	PQ	86725	NC	Bay VI
80 mm/2.0	Xenotar	PQ	87612	NC	Bay VI
80 mm/2.8	Planar	PQ	86673	NC	Bay VI
80 mm/2.8	Planar EL	PQ	86675	NC	M 67 inner Bay VI outer
80 mm/2.8	Planar	PQS	64002	NC	Bay VI

Focal Length & Aperture	Product	Type	Rollei Part #	Status	Filter Size
80 mm/2.8	Xenotar	PQS	63350		Bay VI
80 mm/2.8	AF-Xenotar	PQS	54001		Bay VI
120 mm/4.0	Makro-Planar	PQS	604-00230	NC	Bay VI
120 mm/4.0	Makro-Planar	PQ	86884	NC	Bay VI
150 mm/4.0	Sonnar	PQ	86756	NC	Bay VI
150 mm/4.0	Sonnar EL	PQ	86757	NC	M 67 inner Bay VI outer
150 mm/4.0	Sonnar	PQS	59602		Bay VI
150 mm/4.0	AF-Tele Xenar	PQS	54120		Bay VI
150 mm/4.6	Apo-Symmar Macro (lens hood)	PQ	98531	NC	Bay VI
180 mm/2.8	Tele-Xenar	PQ	87606	NC	M 95 x 1/ Bay 104
180 mm/2.8	AF-Tele-Xenar	PQ	54701		M 95 x 1/ Bay 104
250 mm/5.6	Sonnar	PQ	86780	NC	Bay VI
250 mm/5.6	Sonnar EL	PQ	86760	NC	M 67 inner Bay VI outer
350 mm/5.6	Tele-Tessar (with lens hood)	PQ	86838	NC	M 86 x 1
350 mm/5.6	Tele-Tessar (with lens hood)	PQS	65631	NC	M 86 x 1
500 mm/8.0	Tele-Tessar EL (with lens hood)	PQ	86761	NC	M 86 x 1
500 mm/8.0	Tele-Tessar (with lens hood)	PQ	86854	NC	M 86 x 1
500 mm/8.0	Tele-Apotessar (with lens hood)	PQS	66191	NC	M 86 x 1
1000 mm/8.0	Tele-Tessar (with lens hood)	PQ	63045	NC	Bay VI inside the lens
60-140 mm/4.6	AF-Variogon (with lens hood)	PQS	54501		M 122 x 1

Focal Length & Aperture	Product	Type	Rollei Part #	Status	Filter Size
75-150 mm/4.5	Variogon (with lens hood)	PQ	86926	NC	M 95 x 1
2X	2x Teleconverter HFT non-AF		98253		-

## Compatible Accessories

The following accessories are available from Leaf:

Accessory	Size/Details	Part Number
45° prism finder		604-00195
90° View Finder		604-00190
Waist-level viewfinder		TBD
9mm Extension Tube	9mm	604-00196
17mm Extension Tube	17mm	604-00197
34mm Extension Tube	34mm	604-00198
67mm Extension Tube	67mm	604-00199
22-68mm Extension Tube	22-68mm	604-00200
Bellows Macro		604-00201
Retro Adapter		604-00202
Clear glass focusing screen		604-00203
AF High D focusing screen		604-00204
Skylight filter Bay VI	Bay VI	604-00205
Skylight filter 95	95 mm	604-00206
UV filter Bay VI	Bay VI	604-00207
UV filter 95	95 mm	604-00208
Circular Polarizer 95	95 mm	604-00209
Circular Polarizer VI	Bay VI	604-00210
SCA 356 Flash Adapter		604-00211
SCA 3562 Flash Adapter		604-00212
Camera body cap - Front		604-00219
Camera body cap - Rear		604-00220

Accessory	Size/Details	Part Number
Front lens cap	50-250MM VI	604-00221
Front lens cap	BAY 104	604-00222
Rear lens Cap		604-00223
Front cap-Variogon		604-00224
Diopter for 45° Prism	-4.5	604-00256
Diopter for 45° Prism	-3.5	604-00257
Diopter for 45° Prism	-2.5	604-00258
Diopter for 45° Prism	-1.5	604-00259
Diopter for 45° Prism	-0.5	604-00260
Diopter for 45° Prism	0.5	604-00261
Diopter for 45° Prism	1.5	604-00262
Diopter for 45° Prism	2.5	604-00263
Diopter for Waist-level Viewfinder	-4.5	604-00249
Diopter for Waist-level Viewfinder	-3.5	604-00250
Diopter for Waist-level Viewfinder	-2.5	604-00251
Diopter for Waist-level Viewfinder	-1.5	604-00252
Diopter for Waist-level Viewfinder	-0.5	604-00253
Diopter for Waist-level Viewfinder	0.5	604-00254
Diopter for 90° Viewfinder	1.5	NC
Diopter for Waist-level Viewfinder	2.5	604-00255
Remote release RC 120 (in preparation)		TBD
4560 Film Magazine		TBD
Film inserts		TBD
Adapter for AFi		TBD
Shoulder strap		TBD
Battery 7.2 V 2350 mAh	7.2 V 2350 mAh	518-00999A



Accessory	Size/Details	Part Number
Battery charger		518-01097A
Camera-to-Back Sync cable - short	For Medium Format	216-00026
Camera-to-Back Sync cable - long	For Large Format	216-00126
Rollei Electronic Shutter	Size 0	604-00155
Rollei Electronic Shutter	Size 1	604-00156
AFi To RZ Kit		518-02947A
Graflok to AFi Adapter kit		518-03131A
LensControl S unit		TBD

## Other Compatible Accessories

The following accessories are also compatible with the Leaf AFi camera system:

Lens hood for 40 mm f/ 3.5		60 472
Matte box – professional adjustable lens hood		98 080
Rapid focusing lever		98 029
Sliding adapter for digital backs		TBD
X-Act2 Monorail camera		TBD
M39/40 Behind-the-lens shutter		59 926
Zeiss Softar I	Size VI bayonet	96 841
Zeiss Softar II	Size VI bayonet	96 904
Gelatine-filter holder	Size VI bayonet	96 950
Gelatine-filter holder	Bayonet 104	98 233
Bright Focusing screen with Micro-fine texture		TBD
Bright focusing screen with central microprism collar and split-image range-finder		TBD
Bright focusing screen with microprism spot		TBD

Camera	Leaf Afi	Adapter	Aptus Family	Back type	Adapter
Mamiya 645 AFD Mamiya 645 AFD-II Mamiya 645 AFD-III			✓	Mamiya 645 AFD	None required
Mamiya RB			✓	Universal	Mamiya RB
Mamiya RZ PRO	✓	RZ adapter	✓	Universal	Mamiya RZ
Hasselblad H1/H2			✓	H	None required
Hasselblad V Hasselblad 503CW Hasselblad ELD/ELX			✓	Universal	None required
Contax 645 AF			✓	Contax	None required
Fujifilm GX680 II/III			✓	Universal	Kapture Group
Bonica SQA/ETRS			✓	Universal	Kapture Group - BSQA/ETRS
Alpa	✓	Alpa	✓	Universal Contax Mamiya 645 AFD H	Alpa
Arca-Swiss F-classic 6x9 Arca-Swiss F-classic 8x10 Arca-Swiss F-metric 6x9 Arca-Swiss F-metric 8x10 Arca-Swiss M-monolith 6x9 Arca-Swiss M-monolith 8x10	✓	Mergin X Sliding Lens Board Adapter	✓	Universal Contax Mamiya 645 AFD H	Mergin X Sliding Lens Board Adapter
Arca-Swiss F-classic 4x5 Arca-Swiss F-metric 4x5 Arca-Swiss M-monolith 4x5 Arca-Swiss Discovery 4x5		Leaf Graflok LV Adapter Mergin X Sliding Graflok Adapter			Leaf Graflok LV Adapter Kapture Group LV Adapter Mergin X Sliding Graflok Adapter Mergin X Sliding Lens Board Adapter
Cambo SC-2 Basic Cambo Legend-2	✓	Leaf Graflok LV Adapter Cambo LV Adapter Cambo Sliding Adapter Mergin X Sliding Graflok Adapter	✓	Universal Contax Mamiya 645 AFD H	Leaf Graflok LV Adapter Kapture Group LV Adapter Mergin X Sliding Graflok Adapter Mergin X Sliding Lens Board Adapter
Cambo Ultima 2" x 3"		Cambo LV Adapter Cambo Sliding Adapter Mergin X Sliding Lens Board Adapter			Cambo LV Adapter Cambo Sliding Adapter Mergin X Sliding Lens Board Adapter
Cambo WDS & Wide RS		Cambo LV Adapter			Cambo LV Adapter
Ebony SV45U2 Ebony SV45U Ebony SV45TE Ebony SV45Ti Ebony RW45 Ebony RW45E Ebony 45SU Ebony 45S Ebony SW45 Ebony SW45S	✓	Leaf Graflok LV Adapter Mergin X Sliding Graflok Adapter	✓	Universal Contax Mamiya 645 AFD H	Leaf Graflok LV Adapter Kapture Group LV Adapter Mergin X Sliding Graflok Adapter
Horseman LX Horseman Woodman 45 Horseman LD Pro	✓	Leaf Graflok LV Adapter Mergin X Sliding Graflok Adapter	✓	Universal Contax Mamiya 645 AFD H	Leaf Graflok LV Adapter Kapture Group LV Adapter Mergin X Sliding Graflok Adapter Mergin X Sliding Lens Board Adapter
Horseman 2" x 3"		Mergin X Sliding Lens Board Adapter			Mergin X Sliding Lens Board Adapter
Linhof Technika 4x5 classic Linhof Technika 2000 4x5 Linhof Technikardan S 4x5 Linhof KARDAN GT 45 Linhof KARDAN Master GTL 4x5	✓	Leaf Graflok LV Adapter Mergin X Sliding Graflok Adapter Mergin X Sliding Lens Board Adapter	✓	Universal Contax Mamiya 645 AFD H	Leaf Graflok LV Adapter Kapture Group LV Adapter Mergin X Sliding Graflok Adapter Mergin X Sliding Lens Board Adapter
Linhof Technika 23 Linhof Technikardan S 6x9 Linhof Super Technika 23		Mergin X Sliding Lens Board Adapter			Mergin X Sliding Lens Board Adapter
Linhof KARDAN E45		Leaf Graflok LV Adapter Mergin X Sliding Graflok Adapter			Leaf Graflok LV Adapter Kapture Group LV Adapter Mergin X Sliding Graflok Adapter Mergin X Sliding Lens Board Adapter
Linhof KARDAN Master GTL 5x7 Linhof KARDAN Master GTL 8x10 Linhof M679 SC		Mergin X Sliding Lens Board Adapter			Mergin X Sliding Lens Board Adapter
Linhof 4" x 5" Linhof M679		Graflok			Leaf Graflok LV Adapter Kapture Group
Rollei XAct2	✓	Mergin X Sliding Lens Board Adapter	✓	Universal Contax Mamiya 645 AFD H	Mergin X Sliding SPECIAL Lens Board Adapter

Silvestri S5 micron	✓	Leaf Graflok LV Adapter Mergin X Sliding Graflok Adapter	✓	Universal Contax Mamiya 645 AFD H	Leaf Graflok LV Adapter Kapture Group LV Adapter Mergin X Sliding Graflok Adapter Mergin X Sliding Lens Board Adapter
Silvestri Bicam Silvestri T30 Silvestri S4 Silvestri Flexicam		Mergin X Sliding SPECIAL Lens Board Adapter	✓		Mergin X Sliding SPECIAL Lens Board Adapter
Sinar P2 Sinar X Sinar F2, F1, F	✓	Leaf Graflok LV Adapter Mergin X Sliding Graflok Adapter Mergin X Sliding Lens Board Adapter	✓	Universal Contax Mamiya 645 AFD H	Leaf Graflok LV Adapter Kapture Group LV Adapter Mergin X Sliding Graflok Adapter Mergin X Sliding Lens Board Adapter
Sinar F3 (2" x 3") Sinar P3 (2" x 3")		Mergin X Sliding Lens Board Adapter			Mergin X Sliding Lens Board Adapter
Toyo Field 45CF Toyo Field 45AX Toyo Field 45All	✓	Leaf Graflok LV Adapter Mergin X Sliding Graflok Adapter Mergin X Sliding Lens Board Adapter	✓	Universal Contax Mamiya 645 AFD H	Leaf Graflok LV Adapter Mergin X Sliding Graflok Adapter
Toyoview 45GII Toyoview 45CX Toyoview 45GX		Leaf Graflok LV Adapter Mergin X Sliding Graflok Adapter Mergin X Sliding Lens Board Adapter			Leaf Graflok LV Adapter Kapture Group LV Adapter Mergin X Sliding Graflok Adapter Mergin X Sliding Lens Board Adapter
Toyo Studio/Field VX125 & VX125b		Mergin X Sliding Lens Board Adapter			Leaf Graflok LV Adapter
Toyo Studio/Field VX125R Toyo-Field 810MH		Mergin X Sliding Lens Board Adapter			Mergin X Sliding Graflok Adapter
Toyo-view 810GH Toyoview VX23D		Mergin X Sliding Lens Board Adapter			Mergin X Sliding Lens Board Adapter
Walker Titan SF Walker Titan XL	✓	Leaf Graflok LV Adapter Mergin X Sliding Graflok Adapter	✓	Universal Contax Mamiya 645 AFD H	Leaf Graflok LV Adapter Kapture Group LV Adapter Mergin X Sliding Graflok Adapter