



K F CONCEPT P-10.08.03.0151A-01 Lens Adapter Ring Instructions

[Home](#) » [K F CONCEPT](#) » K F CONCEPT P-10.08.03.0151A-01 Lens Adapter Ring Instructions 



K&F CONCEPT

INSTRUCTION
Square Filter System

Contents

- [1 SQUARE FILTER SERIES](#)
- [2 ND Filter Function](#)
- [3 ND Filter Shutter speed Conversion Chart](#)
- [4 Installation Steps](#)
- [5 Documents / Resources](#)
 - [5.1 References](#)
- [6 Related Posts](#)

SQUARE FILTER SERIES



ND Filter
0.3/0.6/0.9/1.2/1.8/3.0/3.3/3.6/4.5
100X100 mm



Black Diffusion Filter
1 / 1/2 / 1/4 / 1/8
100X100 mm



Natural Night Filter
100X100 mm



Soft GND Filter
0.3/0.6/0.9/1.2/1.5
100X150 mm



Reverse GND Filter
0.6/0.9/1.2
100X150 mm



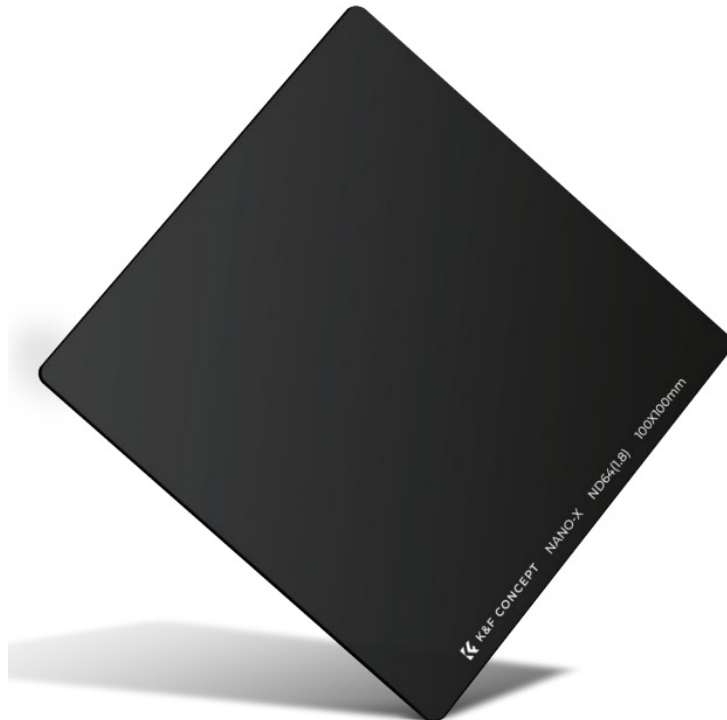
Hard GND Filter
0.6/0.9/1.2
100X150 mm



Center GND Filter
0.6/0.9/1.2
100X150 mm

ND Filter Function

ND Filter reduces the amount of light entering the lens. By using it, the photographer can get better control of the shutter and aperture to achieve a special effect while the shutter speed will not overexpose.



ND Filter Shutter speed Conversion Chart

- For each stop of light blocked by the filter, the exposure time doubles in duration.

- If the exposure time is 1 second, then use ND2 [block 1 stop] = 1 second (original exposure time) X 2 = 2 seconds; use ND4 (block two stops) = 1 second (original exposure time) X 4 = 4 seconds, Exposure time = Original exposure time * ND value

ND Filter Exposure Time Conversion Chart

Normal Exposure Time				1/1000	1/500	1/250	1/125	1/60	1/30	1/15	1/8	1/4	1/2	1"
ND Filter Exposure time	1	0.3	ND2	1/500	1/250	1/125	1/60	1/30	1/15	1/8	1/4	1/2	1"	2"
	2	0.6	ND4	1/250	1/125	1/60	1/30	1/15	1/8	1/4	1/2	1"	2"	4"
	3	0.9	ND8	1/125	1/60	1/30	1/15	1/8	1/4	1/2	1"	2"	4"	8"
	4	1.2	ND16	1/60	1/30	1/15	1/8	1/4	1/2	1"	2"	4"	8"	15"
	5	1.5	ND32	1/30	1/15	1/8	1/4	1/2	1"	2"	4"	8"	15"	30"
	6	1.8	ND64	1/15	1/8	1/4	1/2	1"	2"	4"	8"	15"	30"	1'
	7	2.1	ND128	1/8	1/4	1/2	1"	2"	4"	8"	15"	30"	1'	2'
	8	2.4	ND256	1/4	1/2	1"	2"	4"	8"	15"	30"	1'	2'	4'
	9	2.7	ND512	1/2	1"	2"	4"	8"	15"	30"	1'	2'	4'	8'
	10	3.0	ND1000	1"	2"	4"	8"	15"	30"	1'	2'	4'	8'	16'
	15	4.5	ND32000	30"	1'	2'	4'	8'	16'	32'	64'	128'	256'	512'

ND Filter Application

Photographer: Alberto Ghizzi Panizza – Italy



150; 64

Aperture: f/4

Exposure time: 1sec

Camera Type: NIKON Z7

Gray Neutral Density Filter (GND Filter)

Gray ND filters are generally used to balance the exposure when there is sharp contrast between the light and dark in the shooting scene. You can choose soft GND or reverse GND based on your need.



Natural Night Light Filter Function

- Effectively reduce the light pollution, such as the orange or yellow light caused by mercury light or sodium.
- Perfect for night scenes & astrophotography, especially for scenes with lots of light pollution:



Installation Steps



Select the correct adapter ring that fits the lens and screw it onto the lens.



As chart shown, align the rear bayonet of the bracket with the adapter ring, then tighten the side knobs of the bracket.



Display



Slide the K&F Concept filter into the holder



Please Scan for More Information



https://www.kfconcept.com.mtm_campaign=productcode

By Tony Rappa-Italy



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Documents / Resources



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P-10.08.03.0151A-01 Lens Adapter Ring, P-10.08.03.0151A-01, Lens Adapter Ring, Adapter Ring

References

- [User Manual](#)