

## FILTER SERIES



Photo By Nigel Danson



### Nigel Danson

Kase UK Ambassador

Nigel has to be one of the UK's most well known landscape photographers, this is in part due to his great photography work, and of course due to his very entertaining YouTube channel. If you have not already you must go and checkout his YouTube channel, as he brings you great varied videos on his travels, tips, and life in general of a pro photographer.



### Marcus McAdam

Kase UK Ambassador

Pro photographer for 20 years, running workshops all over the world. Based in Scotland, Marcus is one of the core team members of Photography Online - the popular YouTube channel. Marcus shoots both digital and film, using Kase filters for both mediums.



### Nick Hanson

Kase UK Ambassador

Award winning Pro photographer for 8 years, Nick leads photo workshops and trips for Skye Photo Academy as well as being a regular host on Photography Online - the popular YouTube channel. Nick shoots mostly landscapes, using a Canon R5.



### Jack Lodge

Kase UK Ambassador

Jack Lodge is a professional landscape photographer from Wimborne, Dorset in the South West of England, UK. Through his landscape photography, Jack strives to photograph the true beauty of each season and capture the light as it dances across the landscape. His landscape photography varies from misty bluebell woods to dramatic seascapes on Dorset's Jurassic Coast.



f/10, 1/7s, ISO-250  
Photo by Chris Frost



**CPL**  
Taken shortly after sunrise, these three old trees hold court in a beautiful wooded area nestled away in the heart of Dorset. The addition of the Wolverine Magnetic Circular Polarising filter cut through the glare and foliage reflections, delivering an image with far greater saturation, vibrancy and depth.



f/18, 241s, ISO-100  
Photo by Adam Gibbs



**ND1000**  
Located not far from Port Renfrew on the west coast of Vancouver Island, this Douglas fir has been growing out of this stump in the middle of Fairy Lake for over thirty years. Each time I pass the lake I try to make an image.



f/11, 15s, ISO-100  
Photo by Marcus McAdam



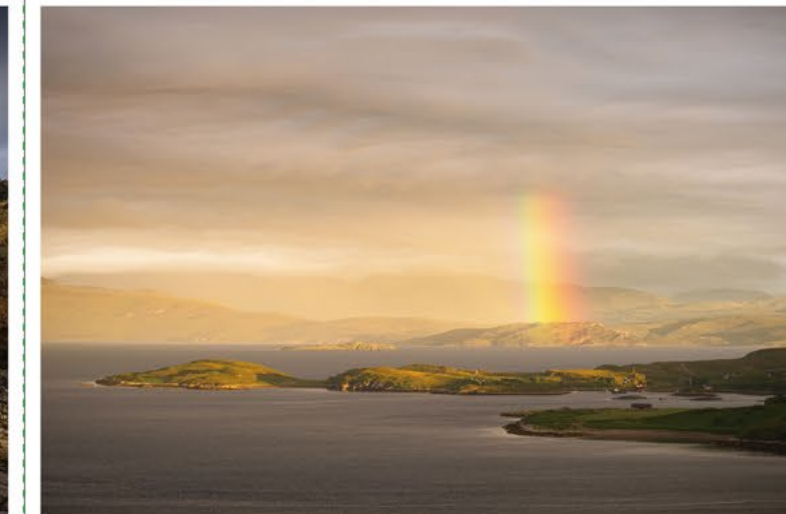
**CPL ND1000 Double Grad (S-GND0.9)**  
It's seldom that a scene requires three filters, but this one did. A polariser was required to take the shine off the foliage and help the natural autumnal colours come through. A ND grad was needed to control the dynamic range and a ND was needed to get a long enough exposure to blur the slow moving clouds.



f/11, 4s, ISO-100  
Photo by Jack Lodge



**CPL**  
A magical morning exploring an ancient bluebell wood, surrounded by nothing but bird song and the soft golden light. Using a polariser is a must for woodland photography, reducing glare and enhancing vibrant colours (be careful not to over-polarise a scene though, it can create a very flat image).



f/11, 1/4s, ISO-64  
Photo by Thomas Heaton



**CPL**  
Right on cue the rain passed and the clouds began to break. The light burst through the breaking clouds and began to paint the landscape. To the south it was still raining as the weather front was moving in a southerly direction. I could see a rainbow begin to form so I reached for my polariser which reduced the glare caused by the falling rain and intensified the colours and clarity of the rainbow.



f/18, 1/2s  
Photo by Nigel Danson



**ND8**  
Taken on the tiny island of Tindhólmur in the Faroe Islands. I loved the texture created in the waves by using a shutter speed of half a second. It was taken midday so the use of a 3 stop Kase ND filter helped to get the perfect shutter speed.



f/14, 240s, ISO-100  
Photo by Harry Wheeler-Brand



**ND1000 H-GND0.9 CPL**  
Shot on the wildest section of the Suffolk Coast, Shingle Street is home to the most basic of minimalist long exposure photography, where using shingle patterns, the edge of the coast and a rising tide are all essential to produce a simple photograph. The filters enabled me to balance out the exposure within the scene and allowed me to slow down the shutter speed from 1/4s to four minutes with a 10 stop ND.



f/5.6, 606s, ISO-200  
Photo by Meivn Nicholson



**M-GND0.6 CPL**  
This is the most beautiful sunset I have captured on camera at Vestrahorn in all my ten visits. The colour in the sky started to build with some really interesting clouds moving in. This section of water had frozen and reflected the colour just beautifully while I also love the small island of yellow marram grass on the black volcanic sand.

## COMPARISON



Without filter



With Kase filter

ND64000

Tips: An evening stroll at the Quay side with moody lighting and fast moving clouds within Manchester, it provided an ample opportunity to go for dramatic long exposure, using highly neutral Kase Wolverine 16 stop, this allowed. An exposure time of 10 minutes, delivering an artistic capture, adding a sense of serenity to an otherwise busy city scene.



CONNECT WAY

S N

Adopt the strong magnetic connect, quick install and easy to take down.

## WOLVERINE MAGNETIC CIRCULAR FILTER

### Quick Magnetic Connect

Kase new WOLVERINE PRO MAGNETIC SHOCK RESISTANT CIRCULAR FILTERS are made from KW optical glass, with further protection provided by using a lightweight aluminum alloy frame. With the magnetic lens adapter, this allows a quick and easy install or removal of the circular filter.

KW optical glass is highly durable and scratch resistant, extending the life of the filter as well as providing further protection to your lens. The features of KW optical glass are: shock resistant, toughened glass using doubled side nano metallic coatings which provide infrared cut-off, AR anti-reflection, high definition and water repellent features with minimal colour cast.

CONNECT WAY

## ARMOUR SERIES

### Quick Magnetic Connect

Kase Armour Series applied the magnetic connect design into the product, from the holder to the filters all connected by magnetic design. You can use two magnetic circular filters on the holder's front and back sides at the same time. It can be ready to shoot in a few seconds.

CONNECT WAY



S N

Adopt the strong magnetic connect, quick install and easy to take down.



**ARMOUR SQUARE FILTER HOLDER KIT**  
Armour holder+ magnetic filter CPL+Square Frame(100\*100\*100\*150mm)+magnetic adapter ring(77/82mm)+step up ring(67-82/72-82mm)+cap



**ARMOUR ENTRY LEVEL KIT**  
Armour holder+magnetic circular filter-CPL/ND64+magnetic square filter S-GND0.9+magnetic adapter ring(77/82mm)+step up ring(67-82/72-82mm)+cap+soft bag



**ARMOUR MASTER KIT**  
Armour holder+magnetic circular filter-CPL/ND64/ND1000+magnetic square filter S-GND0.9/S-GND 1.2/R-GND0.9+magnetic adapter ring(77/82mm)+step up ring(67-82/72-82mm)+cap+soft bag

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**Kase**  
#capturewithconfidence

HOLDER KIT

ENTRY-LEVEL KIT

MASTER KIT



### K75 Wolverine Shock-resistant Filters

- GND Filter 100X75mm**
  - Soft GND S-GND0.9 S-GND1.2
  - Reverse GND R-GND0.9
  - Hard GND H-GND0.9
  - Medium GND M-GND0.9
- ND Filter 100X75mm**
  - ND8 ND8 ND1000
- K75 Filter Holder**
  - K75 Magnetic CPL
  - Magnetic adapter ring 62/67mm

### K100 Wolverine Shock-resistant Filters (2mm/1.1mm)

- GND Filter 100X150mm**
  - Soft GND S-GND0.6 S-GND0.9 S-GND1.2 S-GND1.5
  - Reverse GND R-GND0.9 R-GND1.2
  - Hard GND H-GND0.6 H-GND0.9 H-GND0.75
  - Medium GND M-GND0.6 M-GND0.9 M-GND1.2
  - Double Grad Filter (S-GND0.9 + H-GND0.9)
  - Double Grad Filter (M-GND0.9 + R-GND0.9)
- ND Filter 100X100mm**
  - ND 8 ND 8 ND 32 ND 64 ND 1000 ND 32000 ND 64000
- CPL 100X100mm**
  - Neutral Night
  - Focusing Tool
  - Starglow
- K100 Filter Holders**
  - K9 Series**
    - K9 Magnetic Filter(95mm)
    - Holder
    - Circular Filter (95mm)
    - Square Filter (100\*100mm)
  - Armour Series**
    - Holder
    - Circular Filter (95mm)
    - Square Filter (100\*100mm)

### K150 Wolverine Shock-resistant Filters

- GND 150X170mm**
  - Soft GND S-GND0.9 S-GND1.2 S-GND1.5
  - Reverse GND R-GND0.9 R-GND1.2
  - Hard GND H-GND0.6 H-GND0.9 H-GND0.75
  - Medium GND M-GND0.9
- ND 150X150mm**
  - ND 8 ND 8 ND 16 ND 64 ND 1000
- CPL 150X150mm**
  - Neutral Night
- K150P Filter Holder**
  - Sigma 14-24mm F2.8 DG HSM |Art
  - Sigma ART 14mm
  - Sigma 14-24mm F2.8 DG DN (Sony Mount)
  - Sony FE 12-24mm f4.0 G GM
  - Sony FE 12-24mm f2.8 GM
  - Nikon AF-S 14-24mm f2.8 ED TAMRON SP 15-30mm f2.8
  - Nikon AF-S 14-24mm f2.8 R LM VR XF
  - Pentax HD PENTAX-D FA 15-30mm F2.8 ED SDM WR
- K150P Magnetic Filter Series**
  - MCUV
  - G-CPL
  - ND II
  - ND8
  - ND64
  - ND1000
  - ND1000
  - ND1000

### Circular Filters Series

- IR720 Filter**
  - Magnetic Available sizes 77mm, 82mm
  - Screw in Available sizes 77mm, 82mm
- Magnetic Black Mist Filter**
  - 1/8 Black Mist Filter Available sizes 77mm, 82mm
  - 1/4 Black Mist Filter Available sizes 67mm, 72mm, 82mm, 95mm
- Focusing Tool**
  - Magnetic Available sizes 77, 82mm
  - Screw in Available sizes 77, 82mm
- Neutral Night Filter**
  - Magnetic Available sizes 49, 77, 82, 95, 112mm
  - Screw in Available sizes 77, 82mm
  - Magnetic Neutral Night GND Available sizes 77, 82mm
- UV Filter**
  - UV II (Screw in) Available sizes 37, 40.5, 43, 46, 49, 52, 55, 58, 62, 67, 72, 77, 82, 86, 95mm
- MCUV Filter**
  - Magnetic MCUV Available sizes 49, 67, 72, 77, 82, 95, 112mm
  - G-MCUV Available sizes 40.5, 43, 46, 49, 52, 55, 58, 62, 67, 72, 77, 82, 86, 95mm
  - High-resolution MCUV II Available sizes 37, 39, 40.5, 43, 46, 49, 52, 55, 58, 62, 67, 72, 77, 82, 86, 95, 105, 112, 150mm
  - MCUV-AGC Available sizes 37, 40.5, 43, 46, 49, 52, 55, 58, 62, 67, 72, 77, 82, 86, 95mm
  - Antifog MCUV Available sizes 77, 82mm
  - R-MCUV Available sizes 77, 82mm
- CPL Filter**
  - Magnetic CPL Available sizes 49, 58, 67, 72, 77, 82, 95, 112mm
  - G-CPL Available sizes 40.5, 43, 46, 49, 52, 55, 58, 62, 67, 72, 77, 82, 86, 95mm
  - High-resolution CPL II Available sizes 37, 40.5, 43, 46, 49, 52, 55, 58, 62, 67, 72, 77, 82, 86, 95, 105, 112, 150mm
  - X-CPL Available sizes 67, 72, 77, 82mm
- ND Filter**
  - Magnetic ND ND8—49, 58, 67, 72, 77, 82, 95, 112mm
  - ND64—49, 58, 67, 72, 77, 82, 95, 112mm
  - ND1000—49, 58, 67, 72, 77, 82, 95, 112mm
  - ND32000—77, 82mm
  - ND64000—77, 82, 95mm
  - ND100000—82mm
  - ND II ND4—52, 150mm
  - ND8—40.5, 43, 46, 49, 52, 55, 58, 67, 72, 77, 82, 86, 95, 115mm
  - ND16—52, 67, 72, 77, 82, 86, 95, 150mm
  - ND64—37, 40.5, 43, 46, 49, 52, 55, 58, 62, 67, 72, 77, 82, 86, 95, 105, 112, 150mm
  - ND128, ND256—150mm
  - ND1000—40.5, 43, 46, 49, 52, 55, 58, 62, 67, 72, 77, 82, 86, 95, 105, 112, 150mm
  - ND2000—67, 72, 77, 82mm
  - ND-AGC ND8—40.5, 43, 46, 49, 52, 55, 58, 62, 67, 72, 77, 82, 86, 95mm
  - ND4—40.5, 43, 46, 49, 52, 55, 58, 62, 67, 72, 77, 82mm
  - ND1000—40.5, 43, 46, 49, 52, 55, 58, 62, 67, 72, 77, 82mm
  - Variable ND3-1000 Available sizes 67, 72, 77, 82mm
  - Variable ND2-5, ND6-9 Available sizes 49, 52, 55, 58, 67, 72, 77, 82mm
  - Variable 1/4 Black Mist Filter ND2-5 Available sizes 77, 82mm
  - Magnetic ND8&CPL, ND64&CPL Available sizes 77, 82mm
- GND Filter**
  - Magnetic GND S-GND0.9—49, 67, 72, 77, 82, 95, 112mm
  - S-GND1.2—77, 82, 95mm
  - R-GND0.9—77, 82, 95mm
  - GND II S-GND 0.9—40.5, 43, 46, 49, 52, 55, 58, 62, 67, 72, 77, 82mm
  - R-GND 0.9—77, 82mm
  - GND-AGC S-GND0.9—40.5, 43, 46, 49, 52, 55, 58, 62, 67, 72, 77, 82mm
  - S-GND 1.2—67, 72, 77, 82mm
  - Variable GND Available sizes 77, 82mm

### Super Telephoto Lens Filters

- Canon Filter**
  - Canon EF 200mm f2 L IS USM
  - Canon EF 200mm f2.8 L IS USM
  - Canon EF 300mm f2.8 L IS USM
  - Canon EF 200-400mm f4 L IS USM EXTENDER 1.4X
  - Canon EF 400mm f4.0 DO L IS USM
  - Canon EF 500mm f4.0 L IS USM
  - Canon EF 600mm f4.0 L IS USM
  - Canon EF 800mm f4.0 L IS USM
  - Canon EF 1000mm f5.6 L IS USM
  - Canon RF 600mm F4 L IS USM
  - Canon EF 400mm f2.8 L IS USM
  - Canon EF 500mm f2.8 L IS USM
  - Canon EF 600mm f2.8 L IS III USM
  - Canon EF 800mm f2.8 L IS USM
  - Canon EF 1000mm f5.6 L IS USM
- Nikon Filter**
  - Nikon AF-S 200mm f2.8 ED VR II
  - Nikon AF-S 300mm f2.8G ED VR
  - Nikon AF-S 300mm f2.8G ED VR II
  - Nikon AF-S 200-400mm f4.0 ED VR II
  - Nikon AF-S 200-400mm f4.0 ED VR II FL ED VR
  - Nikon AF-S 500mm f4.0 ED VR
  - Nikon AF-S 600mm f4.0 ED VR
  - Nikon AF-S 600mm f4.0 ED VR II
  - Nikon AF-S 800mm f4.0 ED VR
  - Nikon AF-S 400mm f2.8 ED VR
  - Nikon AF-S 800mm f5.6 ED VR
- Sony Filter**
  - SONY FE 400mm f2.8 GM
  - SONY FE 600mm f4 GM
- Drop in Magnetic Filter ND8, CPL, ND8&CPL, Variable ND2-5**
  - Canon EF 200mm f2 L IS USM
  - Canon EF 200mm f2.8 L IS USM
  - Canon EF 300mm f2.8 L IS USM
  - Canon EF 200-400mm f4 L IS USM EXTENDER 1.4X
  - Canon EF 400mm f4.0 DO L IS USM
  - Canon EF 500mm f4.0 L IS USM
  - Canon EF 600mm f4.0 L IS USM
  - Canon EF 800mm f4.0 L IS USM
  - Canon EF 1000mm f5.6 L IS USM
  - Canon RF 600mm F4 L IS USM
  - Canon EF 400mm f2.8 L IS USM
  - Canon EF 500mm f2.8 L IS II USM
  - Canon EF 600mm f2.8 L IS III USM
  - Canon RF 800mm F4 L IS USM

### Wolverine Magnetic Circular Filters Series

- ND Filter**
  - Magnetic ND ND8—49, 58, 67, 72, 77, 82, 95, 112mm
  - ND64—49, 58, 67, 72, 77, 82, 95, 112mm
  - ND1000—49, 58, 67, 72, 77, 82, 95, 112mm
  - ND32000—77, 82mm
  - ND64000—77, 82, 95mm
  - ND100000—82mm
  - Magnetic ND8&CPL, ND64&CPL Available sizes 77, 82mm
  - Magnetic Variable ND2-5, ND6-9 Available sizes 77, 82mm
- MCUV Filter**
  - Magnetic MCUV Available sizes 49, 67, 72, 77, 82, 95, 112mm
- CPL Filter**
  - Magnetic CPL Available sizes 49, 58, 67, 72, 77, 82, 95, 112mm
- GND Filter**
  - Magnetic GND S-GND0.9—49, 67, 72, 77, 82, 95, 112mm
  - S-GND1.2—77, 82, 95mm
  - R-GND0.9—77, 82, 95mm
- Special effect filter**
  - 1/8 Black Mist Filter Available sizes 77, 82mm
  - 1/4 Black Mist Filter Apply to calibers 67, 72, 77, 82, 95mm
  - 1/2 Black Mist Filter Apply to calibers 77, 82mm
  - Focusing Tool Available sizes 77, 82mm

### Camera Clip-in filter Series

The exterior of the optical glass is according to the camera model.

- MCUV**
- Neutral Night**
- ND8/ND16/ND32/ND64/ND1000**
- Dream Filter**
- Under Water Filter(Red)**
- Under Water Filter(Purple)**
- IR Original Filter**
- IR Ultraviolet Filter**
- IR500/IR665/IR720/IR830**

Model: SIGMA 14-24mm F2.8 DG DN, Canon EF 11-24mm f4L USM, Canon EF 14mm f2.8 L IS USM, Canon EF 15-15mm f4L USM Fisheye, Canon EF 15mm f2.8 Fisheye, Canon EF 16-35mm f2.8L USM (I), Canon EF 16-35mm f2.8L USM (II), Canon EF 200-400mm f4L USM EXTENDER 1.4X, Canon EF 400mm f4.0 DO L IS USM, Canon EF 500mm f4.0 L IS USM, Canon EF 600mm f4.0 L IS USM, Canon EF 800mm f4.0 L IS USM, Canon RF 600mm F4 L IS USM, Canon EF 400mm f2.8 L IS USM, Canon EF 500mm f2.8 L IS II USM, Canon EF 600mm f2.8 L IS III USM, Canon RF 800mm F4 L IS USM

### Rear-mount Filter Series

The exterior of the optical glass is according to the camera model.

- ND Filter ND8/ND16/ND32/ND64/ND1000**
- Dream Filter**
- Neutral Night Filter**

Model: SIGMA 14-24mm F2.8 DG HSM (Canon Mount), SIGMA 14-24mm F2.8 DG HSM (Canon Mount), TAMRON SP15-30mm F2.8 Di VC USD (A012) (Canon Mount), TAMRON SP 15-30mm F2.8 Di VC USD G2 (Canon Mount), SIGMA 12-24mm F4 DG HSM (Canon Mount), Canon TS-E 17mm f4L, Nikon 14-24mm f2.8G ED, SIGMA 14-24mm F2.8 DG HSM (Nikon Mount), SIGMA 14mm F1.8 DG HSM (Nikon Mount)

Model: Sony Mirrorless Digital Camera (a9, a9m2, a7c, a7m1, a7m2, a7m3, a7m4, a7r, a7r2, a7r3, a7r4, a7e, a7e2, a63, f3, a1), Sony Half-frame Mirrorless Digital Camera (a6000, a6100, a6400, a6500, a6600), Canon R / R5 Mirrorless Digital Camera (eos r5, eos r6), Canon R Digital Camera (eos r), Canon RP Mirrorless Digital Camera (eos rp), Nikon Z / Z6 Mirrorless Digital Camera (z5, z6, z6ii, z7, z7ii, z9), Fujifilm X Mirrorless Digital Camera (x1, x4, x4s, x-pro3, x-s30, x-s10, x-e3, x-e4), Fujifilm GFX S/R Mirrorless Digital Camera (gfx50s, gfx50r, gfx100, gfx100s)

### Drone Filters Series

The exterior of the optical glass is according to the camera model.

- UV Filter**
  - DJI mini SE
  - DJI mini 2
  - DJI mini 3 Pro
  - DJI Mavic Air 2S
  - DJI Mavic 3
- CPL Filter**
  - DJI mini SE
  - DJI mini 2
  - DJI Mavic Air 2
  - DJI Mavic Air 2S
  - DJI Mavic 3
- GND1.2 Filter**
  - DJI Mavic 2 Pro
  - DJI Mavic Air 2
  - DJI Mavic Air 2S
  - DJI Mavic 3
- Streak Blue Filter**
  - DJI Mavic 3
- Star Burst Filter**
  - DJI Mavic 3
- Neutral Night Filter**
  - DJI mini 3 Pro
  - DJI Mavic 2 Pro
  - DJI Mavic Air 2
  - DJI Mavic Air 2S
  - DJI Mavic 3
- Wide Angle Lens**
  - DJI Mavic 2 Pro
  - DJI Mavic 3
- Anamorphic lens**
  - DJI Mavic 2 Pro
  - DJI Mavic Air 2
  - DJI Mavic 3
- ND Filter**
  - ND8/ND16/ND32
  - ND32
  - Variable ND2-5/6-9
  - ND8-PL/ND16-PL/ND32-PL/ND64-PL
  - ND256-PL

### OSMO POKET Series

- DJI OSMO POKET 1**
  - ND4/ND8/ND16/ND32/ND64
  - ND2-400
  - Wide-angle Lens pro
  - Macro Lens
  - Fisheye Lens
  - Anamorphic lens
- DJI OSMO POKET 2**
  - Wide-angle
  - ND8/ND16/ND32/ND64
  - CPL
  - Neutral Night
  - Variable ND2-5/6-9

**When to use a Polarising filter?**

- When shooting the sky, a polariser can increase colour saturation and control making the sky appear darker blue.
- When shooting around water, a polariser can eliminate the reflecting light on the water surface.
- When shooting a rainbow, a polariser can increase colour saturation.

**What is an anti-infrared ND/GND filter?**

Anti-infrared filters not only have the function of reducing light, but can also prevent infrared light pollution.

All filters have a partial colour, and the higher the value, the longer the exposure time, which will increase colour cast. Most filters will appear partially red, however, Kase Wolverine series filters adopted advanced technology to effectively cut infrared light out of Wolverine series filters, lowering the colour cast and presenting the user with real colours as viewed in the scene.

**Why are anti-infrared filters expensive?**

Anti-infrared filters are expensive due to the advanced technology and complex technique used to reduce stray infrared light. To achieve this, filters must have a coating which is 30-40 plated layers, this makes the filters 5x more expensive versus non-infrared coated filters.

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