


# HOW TO CAPTURE THE MILKYWAY



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- **1 - Equipment required**
  - **2 - Before you go**
  - **3 – The Prep**
  - **4 - Locations**
  - **5 - Camera Settings**
  - **6 - Setup**
  - **7 - Shooting the Milkyway**

# **1 - EQUIPEMENT**

- **Camera Spare Batteries**
- **Wide Angle Lens Preferably Max 20mm F2.8**
- **Shutter Remote Control**
- **Tripod**
- **Torch**
- **Compass or App on Phone**
- **Wrap up warm**
- **Hot Drink**

## 2 – Before you go

- Focus your lens during the day, and when your happy with focus put 2 tipex dots (as shown in pic) One on fixed part of lens and one on focusing ring. That way when your out should you move lens focus you can easily align



## 3 - The Prep

- Before we get into the method of actually shooting, there are a few things you need to take care of first namely, finding the Milkyway, and finding a clear sky.
- Firstly, you want to get as far away from light pollution as you can. Once you find yourself a nice dark corner of the world, the next thing you need to be aware of is, are the skies clear ?, the current moon phase, Moonless Night to shoot the Milkyway.
- In the Northern Hemisphere the core of the Milkyway is only visible April to October. June & August are the best months
- Aldeburgh, Suffolk. Birling Gap, Sussex. Durdledoor, Dorset. Galloway Forest Park.
- Scotland

# 4 - Location

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- Find a dark Sky Area
- Features ? Lighthouse, Castle, Hills Gives a good foreground
- Let someone know where your going



# 5 – Camera Settings

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- F2.8
- 6400 iso
- 20 second exposure (No star Trailing)
- Ensure camera & Lens is switched to manual (This will stop you accidentally focusing lens). Refer to Pics
- These are only a guide as it very much depends on Camera & Lenses. So try different settings



# 6 - Setup

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- Nikon D850
- Nikon 24-70mm F2.8 Lens
- Viltrox Wireless Trigger
- Lead
- Tripod (Not Shown)



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- Make sure you connect the leads correctly as per instructions, the control unit is in hot shoe correctly and you have fitted the batteries



# 7 – Shooting The Milkyway

- Your now at your location
- Setup your camera & place on a sturdy Tripod
- Find the Milkyway using your phone app
- Point camera in direction of Southwest direction, take first image then adjust to suit.
- Once you find milkyway, & have taken picture you will now know where it is & see it via the naked eye.
- Little tip if your shooting on a cold night, Place tripod near car and sit inside.
- Now your set to take your Images, try different settings and make sure you have everything in, including foreground.
- Use Liveveiw

