

MOOSE'S
Cheat Cards

NIKON D3500
18-55MM F/3.5-5.6 LENS



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GETTING STARTED



1

My goal is to put you in the best position to nail a winning shot. Depending on the scenario, I may suggest using a tripod, filter or flash to improve your results. Here's some gear I recommend...

TTL Speedlite Flash - <http://cam.tips/nikonflash>

Tripod - <http://cam.tips/tripod>

Circular Polarizing Filter - <http://cam.tips/cp>

0.9 ND Filter - <http://cam.tips/nd>

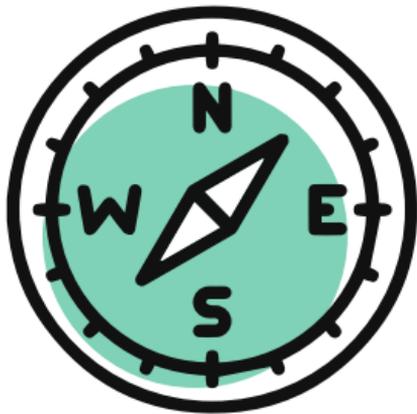
GETTING STARTED



2

Each scenario has TWO parts which work together to create the perfect recipe. You'll start by setting up your camera with a list of settings or "ingredients." You'll then put those settings into practice with recommended lighting techniques, tips for acquiring accurate focus and methods for adjusting exposure.

GETTING STARTED



3

The  **Quick Reference** is your trusty guide.

Anytime you get stuck or are unsure of where something is or how to adjust it, click or tap the binoculars icon  in the top right corner of each cheat card scenario to magically jump to the [Quick Reference](#).



HELP & SUPPORT

If you get stuck or have any questions along the way, you can email me anytime at support@cameratips.com.

You can also connect with me on social media using the links below, I'd love to hear from you. Happy clicking!



FIND ME ON SOCIAL MEDIA BY SEARCHING: [@MOOSEWINANS](#)

QUICK & EASY PORTRAITS - DIRECT SUN

SETUP THE CAMERA

CAMERATIPS.COM



- Set the *Live View Switch* to **Disable** (Off) and use the Viewfinder
- Set the *Lens Focal Length* to **18mm**
- Set the *Mode Dial* to **A** (Aperture Priority Mode)
- Set the *Aperture* to **f/3.5**
- Set the *ISO* to **100**
- Set the *Auto ISO Sensitivity Control* to **ON**
- Set the *Auto ISO Minimum Shutter Speed* to **1/250**
- Set the *Focus Mode* to **AF-S**
- Set the *AF-Area Mode* to **Single-point AF**
- Set the *White Balance* to **Auto**
- Set the *Metering Mode* to **Matrix**

TAKE THE SHOT

©MOOSE'S CAMERA TIPS

- 1 **For the best light**, shoot during late afternoon or early morning.
 - 2 **For a warm glow**, position the sun behind the subject.
 - 3 **For more background blur**, zoom in, then get closer to the subject.
 - 4 **To take the shot**, aim the AF point at the eye closest to you, half-press and hold the shutter button to lock focus, then fully press to shoot.
 - 5 **To darken the image**, gradually decrease the *Exposure Compensation* in small steps: **-0.3**, **-0.7**, etc.
 - 6 **To brighten the image**, gradually increase the *Exposure Compensation* in small steps: **+0.3**, **+0.7**, etc.
- ★ **For better results**, follow the Quick & Easy Portraits (Shade/Cloudy) cheat card to soften harsh light and shadows on the subject.

QUICK & EASY PORTRAITS - SHADE/CLOUDY

SETUP THE CAMERA

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- Set the *Live View Switch* to **Disable** (Off) and use the Viewfinder
- Set the *Mode Dial* to **S** (Shutter Priority Mode)
- Set the *Shutter Speed* to **1/250**
- Set the *ISO* to **100**
- Set the *Auto ISO Sensitivity Control* to **ON**
- Set the *Focus Mode* to **AF-S**
- Set the *AF-Area Mode* to **Single-point AF**
- Set the *White Balance* to **Cloudy**
- Set the *Metering Mode* to **Matrix**

TAKE THE SHOT

©MOOSE'S CAMERA TIPS

- 1 **For more background blur**, zoom in, then get closer to the subject.
- 2 **To take the shot**, aim the AF point at the eye closest to you, half-press and hold the shutter button to lock focus, then fully press to shoot.
- 3 **To reduce blur caused by subject movement or camera shake**, gradually increase the *Shutter Speed* in small steps: **1/320, 1/400**
- 4 **To darken the image**, gradually decrease the *Exposure Compensation* in small steps: **-0.3, -0.7**, etc.
- 5 **To brighten the image**, gradually increase the *Exposure Compensation* in small steps: **+0.3, +0.7**, etc.

QUICK & EASY PORTRAITS - INDOOR NATURAL LIGHT

SETUP THE CAMERA

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- Set the *Live View Switch* to **Disable** (Off) and use the Viewfinder
- Set the *Mode Dial* to **S** (Shutter Priority Mode)
- Set the *Shutter Speed* to **1/250**
- Set the *ISO* to **100**
- Set the *Auto ISO Sensitivity Control* to **ON**
- Set the *Focus Mode* to **AF-S**
- Set the *AF-Area Mode* to **Single-point AF**
- Set the *White Balance* to **Auto**
- Set the *Metering Mode* to **Matrix**

TAKE THE SHOT

©MOOSE'S CAMERA TIPS

- 1 **To ensure the subject is well lit**, keep the nearest window to your back and have the subject look towards you (facing the window).
- 2 **For more background blur**, zoom in, then get closer to the subject.
- 3 **To take the shot**, aim the AF point at the eye closest to you, half-press and hold the shutter button to lock focus, then fully press to shoot.
- 4 **To reduce blur caused by subject movement or camera shake**, gradually increase the *Shutter Speed* in small steps: **1/320, 1/400**
- 5 **To darken the image**, gradually decrease the *Exposure Compensation* in small steps: **-0.3, -0.7**, etc.
- 6 **To brighten the image**, gradually increase the *Exposure Compensation* in small steps: **+0.3, +0.7**, etc.
- ★ **For better results**, follow the Quick & Easy Portraits (Indoor Speedlite) cheat card when there isn't enough natural light indoors.

QUICK & EASY PORTRAITS - INDOOR SPEEDLIGHT

SETUP THE CAMERA

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- Set the *Live View Switch* to **Disable** (Off) and use the Viewfinder
- Set the *Lens Focal Length* to **18mm**
- Set the *Mode Dial* to **M** (Manual Mode)
- Set the *Aperture* to **f/3.5**
- Set the *Shutter Speed* to **1/125**
- Set the *ISO* to **800**
- Set the *Auto ISO Sensitivity Control* to **OFF**
- Set the *Focus Mode* to **AF-S**
- Set the *AF-Area Mode* to **Single-point AF**
- Set the *White Balance* to **Auto**

TAKE THE SHOT

©MOOSE'S CAMERA TIPS

- 1 **For a more natural look indoors**, attach a compatible TTL speedlight to the hot shoe on top of the camera, then rotate and point the flash at a 45° angle towards the ceiling/wall behind you to bounce the light.
- 2 **For more background blur**, get closer to the subject.
- 3 **To take the shot**, aim the AF point at the eye closest to you, half-press and hold the shutter button to lock focus, then fully press to shoot.
- 4 **To make the subject brighter**, gradually increase the *Flash Compensation* in small steps: **+0.3**, **+0.7**, etc.
- 5 **To make the background brighter**, gradually increase the *ISO* in small steps: **1600**, **3200**, etc.

POSED PORTRAITS - DIRECT SUN

SETUP THE CAMERA

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- Set the *Live View Switch* to **Disable** (Off) and use the Viewfinder
- Set the *Mode Dial* to **M** (Manual Mode)
- Set the *Aperture* to **f/5.6**
- Set the *Shutter Speed* to **1/640**
- Set the *ISO* to **100**
- Set the *Auto ISO Sensitivity Control* to **OFF**
- Set the *Focus Mode* to **AF-S**
- Set the *AF-Area Mode* to **Single-point AF**
- Set the *White Balance* to **Auto**

TAKE THE SHOT

©MOOSE'S CAMERA TIPS

- 1 **For the best light**, shoot during late afternoon or early morning.
 - 2 **For more background blur**, zoom in, then get closer to the subject.
 - 3 **To take the shot**, aim the AF point at the eye closest to you, half-press and hold the shutter button to lock focus, then fully press to shoot.
 - 4 **To darken the image**, gradually increase the *Shutter Speed* in small steps: **1/800, 1/1000**
 - 5 **To brighten the image**, gradually decrease the *Shutter Speed* in small steps: **1/500, 1/400**, etc.
- ★ **For better results**, follow the Posed Portraits (Backlit) cheat card to soften harsh shadows and create a warm glow around the subject.

POSED PORTRAITS - BACKLIT

SETUP THE CAMERA

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- Set the *Live View Switch* to **Disable** (Off) and use the Viewfinder
- Set the *Mode Dial* to **M** (Manual Mode)
- Set the *Aperture* to **f/5.6**
- Set the *Shutter Speed* to **1/250**
- Set the *ISO* to **200**
- Set the *Auto ISO Sensitivity Control* to **OFF**
- Set the *Focus Mode* to **AF-S**
- Set the *AF-Area Mode* to **Single-point AF**
- Set the *White Balance* to **Auto**

TAKE THE SHOT

©MOOSE'S CAMERA TIPS

- 1 **For the best light**, shoot during late afternoon or early morning and position the sun behind the subject.
- 2 **For more background blur**, zoom in, then get closer to the subject.
- 3 **To take the shot**, aim the AF point at the eye closest to you, half-press and hold the shutter button to lock focus, then fully press to shoot.
- 4 **To darken the image**, gradually increase the *Shutter Speed* in small steps: **1/320, 1/400**, etc.
- 5 **To brighten the image**, gradually decrease the *Shutter Speed* in small steps: **1/200, 1/160**, etc.
- ★ **For better results**, follow the Posed Portraits (Shade/Cloudy) cheat card to soften harsh light and shadows on the subject.

POSED PORTRAITS - SHADE/CLOUDY

SETUP THE CAMERA

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- Set the *Live View Switch* to **Disable** (Off) and use the Viewfinder
- Set the *Mode Dial* to **M** (Manual Mode)
- Set the *Aperture* to **f/5.6**
- Set the *Shutter Speed* to **1/250**
- Set the *ISO* to **800**
- Set the *Auto ISO Sensitivity Control* to **OFF**
- Set the *Focus Mode* to **AF-S**
- Set the *AF-Area Mode* to **Single-point AF**
- Set the *White Balance* to **Cloudy**

TAKE THE SHOT

©MOOSE'S CAMERA TIPS

- 1 For more background blur**, zoom in, then get closer to the subject.
- 2 To take the shot**, aim the AF point at the eye closest to you, half-press and hold the shutter button to lock focus, then fully press to shoot.
- 3 To darken the image**, gradually increase the *Shutter Speed* in small steps: **1/320, 1/400**, etc.
- 4 To brighten the image**, gradually decrease the *Shutter Speed* in small steps: **1/200, 1/160**, etc.

POSED PORTRAITS - INDOOR NATURAL LIGHT

SETUP THE CAMERA

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- Set the *Live View Switch* to **Disable** (Off) and use the Viewfinder
- Set the *Lens Focal Length* to **18mm**
- Set the *Mode Dial* to **M** (Manual Mode)
- Set the *Aperture* to **f/3.5**
- Set the *Shutter Speed* to **1/125**
- Set the *ISO* to **800**
- Set the *Auto ISO Sensitivity Control* to **OFF**
- Set the *Focus Mode* to **AF-S**
- Set the *AF-Area Mode* to **Single-point AF**
- Set the *White Balance* to **Auto**

TAKE THE SHOT

©MOOSE'S CAMERA TIPS

- 1 **To ensure the subject is well lit**, move to a room with lots of natural light, keep the nearest window to your back, and have the subject look towards you (facing the window).
 - 2 **For more background blur**, get closer to the subject.
 - 3 **To take the shot**, aim the AF point at the eye closest to you, half-press and hold the shutter button to lock focus, then fully press to shoot.
 - 4 **To darken the image**, gradually increase the *Shutter Speed* in small steps: **1/160, 1/200**, etc.
 - 5 **To brighten the image**, gradually decrease the *Shutter Speed* in small steps: **1/100, 1/80**, etc.
- ★ **For better results**, follow the Posed Portraits (Indoor Speedlite) cheat card when there isn't enough natural light indoors.

POSED PORTRAITS - INDOOR SPEEDLIGHT

SETUP THE CAMERA

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- Set the *Live View Switch* to **Disable** (Off) and use the Viewfinder
- Set the *Lens Focal Length* to **18mm**
- Set the *Mode Dial* to **M** (Manual Mode)
- Set the *Aperture* to **f/3.5**
- Set the *Shutter Speed* to **1/60**
- Set the *ISO* to **400**
- Set the *Auto ISO Sensitivity Control* to **OFF**
- Set the *Focus Mode* to **AF-S**
- Set the *AF-Area Mode* to **Single-point AF**
- Set the *White Balance* to **Auto**

TAKE THE SHOT

©MOOSE'S CAMERA TIPS

- 1 **For a more natural look indoors**, attach a compatible TTL speedlight to the hot shoe on top of the camera, then rotate and point the flash at a 45° angle towards the ceiling/wall behind you to bounce the light.
- 2 **For more background blur**, get closer to the subject.
- 3 **To take the shot**, aim the AF point at the eye closest to you, half-press and hold the shutter button to lock focus, then fully press to shoot.
- 4 **To make the subject brighter**, gradually increase the *Flash Compensation* in small steps: **+0.3**, **+0.7**, etc.
- 5 **To make the background brighter**, gradually increase the *ISO* in small steps: **800**, **1600**, etc.

COUPLES PORTRAITS - DIRECT SUN

SETUP THE CAMERA

CAMERATIPS.COM



- Set the *Live View Switch* to **Disable** (Off) and use the Viewfinder
- Set the *Mode Dial* to **M** (Manual Mode)
- Set the *Aperture* to **f/5.6**
- Set the *Shutter Speed* to **1/640**
- Set the *ISO* to **100**
- Set the *Auto ISO Sensitivity Control* to **OFF**
- Set the *Focus Mode* to **AF-S**
- Set the *AF-Area Mode* to **Single-point AF**
- Set the *White Balance* to **Auto**

TAKE THE SHOT

©MOOSE'S CAMERA TIPS

- ➊ **For the best light**, shoot during late afternoon or early morning.
- ➋ **For more background blur**, zoom in, then get closer to the couple.
- ➌ **To take the shot**, aim the AF point at the person closest to you, half-press and hold the shutter button to lock focus, then fully press to shoot.
- ➍ **To darken the image**, gradually increase the *Shutter Speed* in small steps: **1/800, 1/1000**, etc.
- ➎ **To brighten the image**, gradually decrease the *Shutter Speed* in small steps: **1/500, 1/400**, etc.
- ★ **For better results**, follow the Couples Portraits (Backlit) cheat card to soften harsh shadows and create a warm glow around the couple.

COUPLES PORTRAITS - BACKLIT

SETUP THE CAMERA

CAMERATIPS.COM



- Set the *Live View Switch* to **Disable** (Off) and use the Viewfinder
- Set the *Mode Dial* to **M** (Manual Mode)
- Set the *Aperture* to **f/5.6**
- Set the *Shutter Speed* to **1/250**
- Set the *ISO* to **200**
- Set the *Auto ISO Sensitivity Control* to **OFF**
- Set the *Focus Mode* to **AF-S**
- Set the *AF-Area Mode* to **Single-point AF**
- Set the *White Balance* to **Auto**

TAKE THE SHOT

©MOOSE'S CAMERA TIPS

- 1 **For the best light**, shoot during late afternoon or early morning and position the sun behind the couple.
- 2 **For more background blur**, zoom in, then get closer to the couple.
- 3 **To take the shot**, aim the AF point at the person closest to you, half-press and hold the shutter button to lock focus, then fully press to shoot.
- 4 **To darken the image**, gradually increase the *Shutter Speed* in small steps: **1/320, 1/400**, etc.
- 5 **To brighten the image**, gradually decrease the *Shutter Speed* in small steps: **1/200, 1/160**, etc.
- ★ **For better results**, follow the Couples Portraits (Shade/Cloudy) cheat card to soften harsh light and shadows on the couple.

COUPLES PORTRAITS - SHADE/CLOUDY

SETUP THE CAMERA

CAMERATIPS.COM



- Set the *Live View Switch* to **Disable** (Off) and use the Viewfinder
- Set the *Mode Dial* to **M** (Manual Mode)
- Set the *Aperture* to **f/5.6**
- Set the *Shutter Speed* to **1/250**
- Set the *ISO* to **800**
- Set the *Auto ISO Sensitivity Control* to **OFF**
- Set the *Focus Mode* to **AF-S**
- Set the *AF-Area Mode* to **Single-point AF**
- Set the *White Balance* to **Cloudy**

TAKE THE SHOT

©MOOSE'S CAMERA TIPS

- 1 For more background blur**, zoom in, then get closer to the couple.
- 2 To take the shot**, aim the AF point at the person closest to you, half-press and hold the shutter button to lock focus, then fully press to shoot.
- 3 To darken the image**, gradually increase the *Shutter Speed* in small steps: **1/320, 1/400**, etc.
- 4 To brighten the image**, gradually decrease the *Shutter Speed* in small steps: **1/200, 1/160**, etc.

COUPLES PORTRAITS - INDOOR NATURAL LIGHT

SETUP THE CAMERA

CAMERATIPS.COM



- Set the *Live View Switch* to **Disable** (Off) and use the Viewfinder
- Set the *Lens Focal Length* to **18mm**
- Set the *Mode Dial* to **M** (Manual Mode)
- Set the *Aperture* to **f/4**
- Set the *Shutter Speed* to **1/125**
- Set the *ISO* to **800**
- Set the *Auto ISO Sensitivity Control* to **OFF**
- Set the *Focus Mode* to **AF-S**
- Set the *AF-Area Mode* to **Single-point AF**
- Set the *White Balance* to **Auto**

TAKE THE SHOT

©MOOSE'S CAMERA TIPS

- 1 **To ensure the couple is well lit**, move to a room with lots of natural light, keep the nearest window to your back, and have the couple look towards you (facing the window).
- 2 **For more background blur**, get closer to the couple.
- 3 **To take the shot**, aim the AF point at the person closest to you, half-press and hold the shutter button to lock focus, then fully press to shoot.
- 4 **To darken the image**, gradually increase the *Shutter Speed* in small steps: **1/160, 1/200**, etc.
- 5 **To brighten the image**, gradually decrease the *Shutter Speed* in small steps: **1/100, 1/80**, etc.
- ★ **For better results**, follow the Couples Portraits (Indoor Speedlite) cheat card when there isn't enough natural light indoors.

COUPLES PORTRAITS - INDOOR SPEEDLIGHT

SETUP THE CAMERA

CAMERATIPS.COM



- Set the *Live View Switch* to **Disable** (Off) and use the Viewfinder
- Set the *Lens Focal Length* to **18mm**
- Set the *Mode Dial* to **M** (Manual Mode)
- Set the *Aperture* to **f/4**
- Set the *Shutter Speed* to **1/60**
- Set the *ISO* to **400**
- Set the *Auto ISO Sensitivity Control* to **OFF**
- Set the *Focus Mode* to **AF-S**
- Set the *AF-Area Mode* to **Single-point AF**
- Set the *White Balance* to **Auto**

TAKE THE SHOT

©MOOSE'S CAMERA TIPS

- 1 **For a more natural look indoors**, attach a compatible TTL speedlight to the hot shoe on top of the camera, then rotate and point the flash at a 45° angle towards the ceiling/wall behind you to bounce the light.
- 2 **For more background blur**, get closer to the couple.
- 3 **To take the shot**, aim the AF point at the person closest to you, half-press and hold the shutter button to lock focus, then fully press to shoot.
- 4 **To make the couple brighter**, gradually increase the *Flash Compensation* in small steps: **+0.3**, **+0.7**, etc.
- 5 **To make the background brighter**, gradually increase the *ISO* in small steps: **800**, **1600**, etc.

GROUP PORTRAITS - DIRECT SUN

SETUP THE CAMERA

CAMERATIPS.COM



- Set the *Live View Switch* to **Disable** (Off) and use the Viewfinder
- Set the *Mode Dial* to **M** (Manual Mode)
- Set the *Aperture* to **f/8**
- Set the *Shutter Speed* to **1/320**
- Set the *ISO* to **100**
- Set the *Auto ISO Sensitivity Control* to **OFF**
- Set the *Focus Mode* to **AF-S**
- Set the *AF-Area Mode* to **Single-point AF**
- Set the *White Balance* to **Auto**

TAKE THE SHOT

©MOOSE'S CAMERA TIPS

- 1 **For the best light**, shoot during late afternoon or early morning.
- 2 **For more background blur**, zoom in, then get closer to the group.
- 3 **To take the shot**, aim the AF point at the person in the middle of the group, half-press and hold the shutter button to lock focus, then fully press to shoot.
- 4 **To darken the image**, gradually increase the *Shutter Speed* in small steps: **1/400, 1/500**, etc.
- 5 **To brighten the image**, gradually decrease the *Shutter Speed* in small steps: **1/250, 1/200**, etc.
- ★ **For better results**, follow the Group Portraits (Backlit) cheat card to soften harsh shadows and create a warm glow around the group.

GROUP PORTRAITS - BACKLIT

SETUP THE CAMERA

CAMERATIPS.COM



- Set the *Live View Switch* to **Disable** (Off) and use the Viewfinder
- Set the *Mode Dial* to **M** (Manual Mode)
- Set the *Aperture* to **f/8**
- Set the *Shutter Speed* to **1/250**
- Set the *ISO* to **400**
- Set the *Auto ISO Sensitivity Control* to **OFF**
- Set the *Focus Mode* to **AF-S**
- Set the *AF-Area Mode* to **Single-point AF**
- Set the *White Balance* to **Auto**

TAKE THE SHOT

©MOOSE'S CAMERA TIPS

- 1 **For the best light**, shoot during late afternoon or early morning and position the sun behind the group.
- 2 **For more background blur**, zoom in, then get closer to the group.
- 3 **To take the shot**, aim the AF point at the person in the middle of the group, half-press and hold the shutter button to lock focus, then fully press to shoot.
- 4 **To darken the image**, gradually increase the *Shutter Speed* in small steps: **1/320, 1/400**, etc.
- 5 **To brighten the image**, gradually decrease the *Shutter Speed* in small steps: **1/200, 1/160**, etc.
- ★ **For better results**, follow the Group Portraits (Shade/Cloudy) cheat card to soften harsh light and shadows on the group.

GROUP PORTRAITS - SHADE/CLOUDY

SETUP THE CAMERA

CAMERATIPS.COM



- Set the *Live View Switch* to **Disable** (Off) and use the Viewfinder
- Set the *Mode Dial* to **M** (Manual Mode)
- Set the *Aperture* to **f/8**
- Set the *Shutter Speed* to **1/250**
- Set the *ISO* to **1600**
- Set the *Auto ISO Sensitivity Control* to **OFF**
- Set the *Focus Mode* to **AF-S**
- Set the *AF-Area Mode* to **Single-point AF**
- Set the *White Balance* to **Cloudy**

TAKE THE SHOT

©MOOSE'S CAMERA TIPS

- ➊ **For more background blur**, zoom in, then get closer to the group.
- ➋ **To take the shot**, aim the AF point at the person in the middle of the group, half-press and hold the shutter button to lock focus, then fully press to shoot.
- ➌ **To darken the image**, gradually increase the *Shutter Speed* in small steps: **1/320, 1/400**, etc.
- ➍ **To brighten the image**, gradually decrease the *Shutter Speed* in small steps: **1/200, 1/160**, etc.
- ★ **For better results**, mount the camera on a tripod to reduce blur caused by camera shake and improve overall sharpness.

GROUP PORTRAITS - INDOOR SPEEDLIGHT

SETUP THE CAMERA

CAMERATIPS.COM



- > Set the *Live View Switch* to **Disable** (Off) and use the Viewfinder
- > Set the *Mode Dial* to **M** (Manual Mode)
- > Set the *Aperture* to **f/8**
- > Set the *Shutter Speed* to **1/60**
- > Set the *ISO* to **1600**
- > Set the *Auto ISO Sensitivity Control* to **OFF**
- > Set the *Focus Mode* to **AF-S**
- > Set the *AF-Area Mode* to **Single-point AF**
- > Set the *White Balance* to **Auto**

TAKE THE SHOT

©MOOSE'S CAMERA TIPS

- 1 **For a more natural look indoors**, attach a compatible TTL speedlight to the hot shoe on top of the camera, then rotate and point the flash at a 45° angle towards the ceiling/wall behind you to bounce the light.
- 2 **To take the shot**, aim the AF point at the person in the middle of the group, half-press and hold the shutter button to lock focus, then fully press to shoot.
- 3 **To make the group brighter**, gradually increase the *Flash Compensation* in small steps: **+0.3**, **+0.7**, etc.
- 4 **To make the background brighter**, gradually increase the *ISO* in small steps: **3200**, **6400**, etc.

PARTIES - DAYLIGHT

SETUP THE CAMERA

CAMERATIPS.COM



- Set the *Live View Switch* to **Disable** (Off) and use the Viewfinder
- Set the *Mode Dial* to **S** (Shutter Priority Mode)
- Set the *Shutter Speed* to **1/500**
- Set the *ISO* to **100**
- Set the *Auto ISO Sensitivity Control* to **ON**
- Set the *Focus Mode* to **AF-S**
- Set the *AF-Area Mode* to **Single-point AF**
- Set the *White Balance* to **Auto** (Direct Sun) or **Cloudy** (Shade/Cloudy)
- Set the *Metering Mode* to **Matrix**

TAKE THE SHOT

©MOOSE'S CAMERA TIPS

- 1 To enhance contrast and color**, keep the sun out of the frame, preferably behind you so that the subject is well lit.
- 2 To take the shot**, aim the AF point at the intended subject, half-press and hold the shutter button to lock focus, then fully press to shoot.
- 3 To reduce blur caused by subject movement or camera shake**, gradually increase the *Shutter Speed* in small steps: **1/640, 1/800**, etc.
- 4 To darken the image**, gradually decrease the *Exposure Compensation* in small steps: **-0.3, -0.7**, etc.
- 5 To brighten the image**, gradually increase the *Exposure Compensation* in small steps: **+0.3, +0.7**, etc.

PARTIES - INDOOR NATURAL LIGHT

SETUP THE CAMERA

CAMERATIPS.COM



- Set the *Live View Switch* to **Disable** (Off) and use the Viewfinder
- Set the *Lens Focal Length* to **18mm**
- Set the *Mode Dial* to **S** (Shutter Priority Mode)
- Set the *Shutter Speed* to **1/250**
- Set the *ISO* to **100**
- Set the *Auto ISO Sensitivity Control* to **ON**
- Set the *Focus Mode* to **AF-S**
- Set the *AF-Area Mode* to **Single-point AF**
- Set the *White Balance* to **Auto**
- Set the *Metering Mode* to **Matrix**

TAKE THE SHOT

©MOOSE'S CAMERA TIPS

- 1 **To ensure the subject is well lit**, keep the nearest window to your back and have the subject look towards you (facing the window).
- 2 **To take the shot**, aim the AF point at the intended subject, half-press and hold the shutter button to lock focus, then fully press to shoot.
- 3 **To reduce blur caused by subject movement or camera shake**, gradually increase the *Shutter Speed* in small steps: **1/320, 1/400**, etc.
- 4 **To darken the image**, gradually decrease the *Exposure Compensation* in small steps: **-0.3, -0.7**, etc.
- 5 **To brighten the image**, gradually increase the *Exposure Compensation* in small steps: **+0.3, +0.7**, etc.
- ★ **For better results**, follow the Parties (Indoor Speedlite) cheat card when there isn't enough natural light indoors.

PARTIES - INDOOR SPEEDLIGHT

SETUP THE CAMERA

CAMERATIPS.COM

- Set the *Live View Switch* to **Disable** (Off) and use the Viewfinder
- Set the *Lens Focal Length* to **18mm**
- Set the *Mode Dial* to **M** (Manual Mode)
- Set the *Aperture* to **f/3.5**
- Set the *Shutter Speed* to **1/125**
- Set the *ISO* to **800**
- Set the *Auto ISO Sensitivity Control* to **OFF**
- Set the *Focus Mode* to **AF-S**
- Set the *AF-Area Mode* to **Single-point AF**
- Set the *White Balance* to **Auto**



TAKE THE SHOT

©MOOSE'S CAMERA TIPS

- ➊ **For a more natural look indoors**, attach a compatible TTL speedlight to the hot shoe on top of the camera, then rotate and point the flash at a 45° angle towards the ceiling/wall behind you to bounce the light.
- ➋ **To take the shot**, aim the AF point at the intended subject, half-press and hold the shutter button to lock focus, then fully press to shoot.
- ➌ **To reduce blur caused by subject movement or camera shake**, gradually increase the *Shutter Speed* in small steps: **1/160, 1/200**
- ➍ **To make the subject brighter**, gradually increase the *Flash Compensation* in small steps: **+0.3, +0.7**, etc.
- ➎ **To make the background brighter**, gradually increase the *ISO* in small steps: **1600, 3200**, etc.

CONCERTS / PERFORMANCES - DAYLIGHT

SETUP THE CAMERA

CAMERATIPS.COM



- Set the *Live View Switch* to **Disable** (Off) and use the Viewfinder
- Set the *Mode Dial* to **S** (Shutter Priority Mode)
- Set the *Shutter Speed* to **1/640**
- Set the *ISO* to **100**
- Set the *Auto ISO Sensitivity Control* to **ON**
- Set the *Focus Mode* to **AF-C**
- Set the *AF-Area Mode* to **Single-point AF**
- Set the *Release Mode* to **Continuous**
- Set the *White Balance* to **Auto** (Direct Sun) or **Cloudy** (Shade/Cloudy)
- Set the *Metering Mode* to **Matrix**

TAKE THE SHOT

©MOOSE'S CAMERA TIPS

- 1 **To take the shot**, aim the AF point at the intended subject, half-press and hold the shutter button to continuously focus, then fully press and hold down the shutter to take a quick burst of images.
- 2 **To reduce blur caused by subject movement or camera shake**, gradually increase the *Shutter Speed* in small steps: **1/800**, **1/1000**, etc.
- 3 **To darken the image**, gradually decrease the *Exposure Compensation* in small steps: **-0.3**, **-0.7**, etc.
- 4 **To brighten the image**, gradually increase the *Exposure Compensation* in small steps: **+0.3**, **+0.7**, etc.

SPORTS / ACTION - DAYLIGHT

SETUP THE CAMERA

CAMERATIPS.COM



- Set the *Live View Switch* to **Disable** (Off) and use the Viewfinder
- Set the *Mode Dial* to **S** (Shutter Priority Mode)
- Set the *Shutter Speed* to **1/800**
- Set the *ISO* to **100**
- Set the *Auto ISO Sensitivity Control* to **ON**
- Set the *Focus Mode* to **AF-C**
- Set the *AF-Area Mode* to **Dynamic-area AF**
- Set the *Release Mode* to **Continuous**
- Set the *White Balance* to **Auto** (Direct Sun) or **Cloudy** (Shade/Cloudy)
- Set the *Metering Mode* to **Matrix**

TAKE THE SHOT

©MOOSE'S CAMERA TIPS

- 1 **To enhance contrast and color**, keep the sun out of the frame, preferably behind you so that the subject is well lit.
- 2 **To take the shot**, aim the AF point at the intended subject, half-press and hold the shutter button to continuously focus, then fully press and hold down the shutter to take a quick burst of images.
- 3 **To freeze fast moving subjects**, gradually increase the *Shutter Speed* in small steps: **1/1000**, **1/1250**, etc.
- 4 **To darken the image**, gradually decrease the *Exposure Compensation* in small steps: **-0.3**, **-0.7**, etc.
- 5 **To brighten the image**, gradually increase the *Exposure Compensation* in small steps: **+0.3**, **+0.7**, etc.

CAR / MOTORCYCLE SHOWS - DAYLIGHT

SETUP THE CAMERA

CAMERATIPS.COM



- Set the *Live View Switch* to **Disable** (Off) and use the Viewfinder
- Set the *Mode Dial* to **A** (Aperture Priority Mode)
- Set the *Aperture* to **f/8**
- Set the *ISO* to **100**
- Set the *Auto ISO Sensitivity Control* to **OFF**
- Set the *Focus Mode* to **AF-S**
- Set the *AF-Area Mode* to **Single-point AF**
- Set the *White Balance* to **Auto** (Direct Sun) or **Cloudy** (Shade/Cloudy)
- Set the *Metering Mode* to **Matrix**

TAKE THE SHOT

©MOOSE'S CAMERA TIPS

- 1 **For optimal sharpness**, turn *VR* **OFF** and mount the camera to a tripod.
 - 2 **For the best light**, shoot during late afternoon or early morning.
 - 3 **To enhance contrast and color**, keep the sun out of the frame, preferably behind you so that the vehicle is well lit.
 - 4 **To take the shot**, aim the AF point at the vehicle, half-press and hold the shutter button to focus, then fully press to shoot.
 - 5 **To darken the image**, gradually decrease the *Exposure Compensation* in small steps: **-0.3**, **-0.7**, etc.
 - 6 **To brighten the image**, gradually increase the *Exposure Compensation* in small steps: **+0.3**, **+0.7**, etc.
- ★ **For better results**, use a polarizing filter to improve contrast and color.

ANIMALS - DAYLIGHT

SETUP THE CAMERA

CAMERATIPS.COM



- Set the *Live View Switch* to **Disable** (Off) and use the Viewfinder
- Set the *Mode Dial* to **S** (Shutter Priority Mode)
- Set the *Shutter Speed* to **1/640**
- Set the *ISO* to **100**
- Set the *Auto ISO Sensitivity Control* to **ON**
- Set the *Focus Mode* to **AF-C**
- Set the *AF-Area Mode* to **Dynamic-area AF**
- Set the *Release Mode* to **Continuous**
- Set the *White Balance* to **Auto** (Direct Sun) or **Cloudy** (Shade/Cloudy)
- Set the *Metering Mode* to **Matrix**

TAKE THE SHOT

©MOOSE'S CAMERA TIPS

- 1 **To enhance contrast and color**, keep the sun out of the frame, preferably behind you so that the animal is well lit.
- 2 **To take the shot**, aim the AF point at the animal, half-press and hold the shutter button to continuously focus, then fully press and hold down the shutter to take a quick burst of images.
- 3 **To freeze fast moving animals**, gradually increase the *Shutter Speed* in small steps: **1/800**, **1/1000**, etc.
- 4 **To darken the image**, gradually decrease the *Exposure Compensation* in small steps: **-0.3**, **-0.7**, etc.
- 5 **To brighten the image**, gradually increase the *Exposure Compensation* in small steps: **+0.3**, **+0.7**, etc.

FOOD - INDOOR NATURAL LIGHT

SETUP THE CAMERA

CAMERATIPS.COM



- Set the *Live View Switch* to **Disable** (Off) and use the Viewfinder
- Set the *Lens Focal Length* to **18mm**
- Set the *Mode Dial* to **A** (Aperture Priority Mode)
- Set the *Aperture* to **f/3.5**
- Set the *ISO* to **100**
- Set the *Auto ISO Sensitivity Control* to **OFF**
- Set the *Focus Mode* to **AF-S**
- Set the *AF-Area Mode* to **Single-point AF**
- Set the *White Balance* to **Auto**
- Set the *Metering Mode* to **Matrix**

TAKE THE SHOT

©MOOSE'S CAMERA TIPS

- 1 **For optimal sharpness**, turn *VR* **OFF** and mount the camera to a tripod.
- 2 **For the best light**, place the food near a window with lots of natural light and prop a piece of white foam board next to it (facing the window) for added fill light and softer shadows.
- 3 **For more background blur**, zoom in, then get closer to the food.
- 4 **To take the shot**, aim the AF point at the food, half-press the shutter button to focus, then fully press to shoot.
- 5 **To darken the image**, gradually decrease the *Exposure Compensation* in small steps: **-0.3**, **-0.7**, etc.
- 6 **To brighten the image**, gradually increase the *Exposure Compensation* in small steps: **+0.3**, **+0.7**, etc.

PRODUCTS - INDOOR NATURAL LIGHT**SETUP THE CAMERA**

CAMERATIPS.COM



- Set the *Live View Switch* to **Disable** (Off) and use the Viewfinder
- Set the *Mode Dial* to **A** (Aperture Priority Mode)
- Set the *Aperture* to **f/11**
- Set the *ISO* to **100**
- Set the *Auto ISO Sensitivity Control* to **OFF**
- Set the *Focus Mode* to **AF-S**
- Set the *AF-Area Mode* to **Single-point AF**
- Set the *White Balance* to **Auto**
- Set the *Metering Mode* to **Matrix**

TAKE THE SHOT

©MOOSE'S CAMERA TIPS

- ➊ **For optimal sharpness**, turn *VR* **OFF** and mount the camera to a tripod.
- ➋ **For the best light**, place the product near a window with lots of natural light and prop a piece of white foam board next to it (facing the window) for added fill light and softer shadows.
- ➌ **To take the shot**, aim the AF point at the product, half-press the shutter button to focus, then fully press to shoot.
- ➍ **To darken the image**, gradually decrease the *Exposure Compensation* in small steps: **-0.3**, **-0.7**, etc.
- ➎ **To brighten the image**, gradually increase the *Exposure Compensation* in small steps: **+0.3**, **+0.7**, etc.

ARTWORK - INDOOR NATURAL LIGHT

SETUP THE CAMERA

CAMERATIPS.COM



- Set the *Live View Switch* to **Disable** (Off) and use the Viewfinder
- Set the *Mode Dial* to **A** (Aperture Priority Mode)
- Set the *Aperture* to **f/8**
- Set the *ISO* to **100**
- Set the *Auto ISO Sensitivity Control* to **OFF**
- Set the *Focus Mode* to **AF-S**
- Set the *AF-Area Mode* to **Single-point AF**
- Set the *White Balance* to **Auto**
- Set the *Metering Mode* to **Matrix**

TAKE THE SHOT

©MOOSE'S CAMERA TIPS

- ➊ **For optimal sharpness**, turn *VR* **OFF** and mount the camera to a tripod.
- ➋ **For the best light**, place the artwork near a window with lots of natural light and turn off all artificial light sources to prevent color casts.
- ➌ **To take the shot**, aim the AF point at the artwork, half-press the shutter button to focus, then fully press to shoot.
- ➍ **To darken the image**, gradually decrease the *Exposure Compensation* in small steps: **-0.3**, **-0.7**, etc.
- ➎ **To brighten the image**, gradually increase the *Exposure Compensation* in small steps: **+0.3**, **+0.7**, etc.

FLOWERS / PLANTS - DIRECT SUN

SETUP THE CAMERA

CAMERATIPS.COM



- Set the *Live View Switch* to **Disable** (Off) and use the Viewfinder
- Set the *Lens Focal Length* to **18mm**
- Set the *Mode Dial* to **A** (Aperture Priority Mode)
- Set the *Aperture* to **f/3.5**
- Set the *ISO* to **100**
- Set the *Auto ISO Sensitivity Control* to **ON**
- Set the *Auto ISO Minimum Shutter Speed* to **1/125**
- Set the *Focus Mode* to **AF-S**
- Set the *AF-Area Mode* to **Single-point AF**
- Set the *White Balance* to **Auto**
- Set the *Metering Mode* to **Matrix**

TAKE THE SHOT

©MOOSE'S CAMERA TIPS

- 1 **For the best light**, shoot during late afternoon or early morning.
- 2 **For more background blur**, zoom in, then get closer to the flower.
- 3 **To take the shot**, aim the AF point at the flower, half-press and hold the shutter button to lock focus, then fully press to shoot. If autofocus fails, back up a bit and reshoot.
- 4 **To darken the image**, gradually decrease the *Exposure Compensation* in small steps: **-0.3**, **-0.7**, etc.
- 5 **To brighten the image**, gradually increase the *Exposure Compensation* in small steps: **+0.3**, **+0.7**, etc.

FLOWERS / PLANTS - SHADE/CLOUDY

SETUP THE CAMERA

CAMERATIPS.COM



- Set the *Live View Switch* to **Disable** (Off) and use the Viewfinder
- Set the *Mode Dial* to **S** (Shutter Priority Mode)
- Set the *Shutter Speed* to **1/125**
- Set the *ISO* to **100**
- Set the *Auto ISO Sensitivity Control* to **ON**
- Set the *Focus Mode* to **AF-S**
- Set the *AF-Area Mode* to **Single-point AF**
- Set the *White Balance* to **Cloudy**
- Set the *Metering Mode* to **Matrix**

TAKE THE SHOT

©MOOSE'S CAMERA TIPS

- ➊ **For more background blur**, zoom in, then get closer to the flower.
- ➋ **To take the shot**, aim the AF point at the flower, half-press and hold the shutter button to lock focus, then fully press to shoot. If autofocus fails, back up a bit and reshoot.
- ➌ **To reduce blur caused by movement or camera shake**, gradually increase the *Shutter Speed* in small steps: **1/160, 1/200**, etc.
- ➍ **To darken the image**, gradually decrease the *Exposure Compensation* in small steps: **-0.3, -0.7**, etc.
- ➎ **To brighten the image**, gradually increase the *Exposure Compensation* in small steps: **+0.3, +0.7**, etc.

LANDSCAPES - DAYLIGHT

SETUP THE CAMERA

CAMERATIPS.COM



- Set the *Live View Switch* to **Disable** (Off) and use the Viewfinder
- Set the *Mode Dial* to **A** (Aperture Priority Mode)
- Set the *Aperture* to **f/11**
- Set the *ISO* to **100**
- Set the *Auto ISO Sensitivity Control* to **OFF**
- Set the *Focus Mode* to **AF-S**
- Set the *AF-Area Mode* to **Single-point AF**
- Set the *Release Mode* to **Self-timer**
- Set the *White Balance* to **Auto** (Direct Sun) or **Cloudy** (Shade/Cloudy)
- Set the *Metering Mode* to **Matrix**

TAKE THE SHOT

©MOOSE'S CAMERA TIPS

- 1 **For optimal sharpness**, turn *VR* **OFF** and mount the camera to a tripod.
- 2 **For the best light**, shoot during sunset or sunrise.
- 3 **To enhance contrast and color**, keep the sun out of the frame.
- 4 **To take the shot**, position the AF point on the landscape near the horizon, half-press the shutter button to focus, then fully press to trigger the self-timer. Remove your hands and wait for the exposure to finish before touching the camera again.
- 5 **To darken the image**, gradually decrease the *Exposure Compensation* in small steps: **-0.3**, **-0.7**, etc.
- 6 **To brighten the image**, gradually increase the *Exposure Compensation* in small steps: **+0.3**, **+0.7**, etc.
- ★ **For better results**, use a polarizing filter to improve contrast and color.

LANDSCAPES - NIGHT

SETUP THE CAMERA

CAMERATIPS.COM



- Set the *Live View Switch* to **Disable** (Off) and use the Viewfinder
- Set the *Mode Dial* to **A** (Aperture Priority Mode)
- Set the *Aperture* to **f/8**
- Set the *ISO* to **100**
- Set the *Auto ISO Sensitivity Control* to **OFF**
- Set the *Focus Mode* to **AF-S**
- Set the *AF-Area Mode* to **Single-point AF**
- Set the *Release Mode* to **Self-timer**
- Set the *White Balance* to **Auto**
- Set the *Metering Mode* to **Matrix**

TAKE THE SHOT

©MOOSE'S CAMERA TIPS

- 1 For optimal sharpness**, turn *VR* **OFF** and mount the camera to a tripod.
- 2 To take the shot**, position the AF point on the landscape near the horizon, half-press the shutter button to focus, then fully press to trigger the self timer. If autofocus fails, turn live view mode on, set the focus mode to manual focus, magnify the image on the screen, then turn the focusing ring on the lens until the image looks sharp. Once focus is achieved, fully press the shutter button to trigger the self-timer, then remove your hands and wait for the exposure to finish before touching the camera again.
- 3 To darken the image**, gradually decrease the *Exposure Compensation* in small steps: **-0.3, -0.7**, etc.
- 4 To brighten the image**, gradually increase the *Exposure Compensation* in small steps: **+0.3, +0.7**, etc.

WATERFALLS - DAYLIGHT

SETUP THE CAMERA

CAMERATIPS.COM



- Set the *Live View Switch* to **Disable** (Off) and use the Viewfinder
- Set the *Mode Dial* to **A** (Aperture Priority Mode)
- Set the *Aperture* to **f/16**
- Set the *ISO* to **100**
- Set the *Auto ISO Sensitivity Control* to **OFF**
- Set the *Focus Mode* to **AF-S**
- Set the *AF-Area Mode* to **Single-point AF**
- Set the *Release Mode* to **Self-timer**
- Set the *White Balance* to **Auto** (Direct Sun) or **Cloudy** (Shade/Cloudy)
- Set the *Metering Mode* to **Matrix**

TAKE THE SHOT

©MOOSE'S CAMERA TIPS

- 1 **For optimal sharpness**, turn *VR* **OFF** and mount the camera to a tripod.
- 2 **For the best light**, shoot during dawn or dusk.
- 3 **To take the shot**, position the AF point on the waterfall, half-press the shutter button to focus, then fully press to trigger the self-timer. Remove your hands and wait for the exposure to finish before touching the camera again.
- 4 **To darken the image**, gradually decrease the *Exposure Compensation* in small steps: **-0.3**, **-0.7**, etc.
- 5 **To brighten the image**, gradually increase the *Exposure Compensation* in small steps: **+0.3**, **+0.7**, etc.
- ★ **For better results**, use a 3 stop 0.9 ND filter to enhance the smoothing effect of fast moving water in broad daylight.

SUNSET / SUNRISE

SETUP THE CAMERA

CAMERATIPS.COM



- Set the *Live View Switch* to **Disable** (Off) and use the Viewfinder
- Set the *Mode Dial* to **A** (Aperture Priority Mode)
- Set the *Aperture* to **f/16**
- Set the *ISO* to **100**
- Set the *Auto ISO Sensitivity Control* to **OFF**
- Set the *Focus Mode* to **AF-S**
- Set the *AF-Area Mode* to **Single-point AF**
- Set the *Release Mode* to **Self-timer**
- Set the *White Balance* to **Auto**
- Set the *Metering Mode* to **Matrix**

TAKE THE SHOT

©MOOSE'S CAMERA TIPS

- 1 **For optimal sharpness**, turn *VR* **OFF** and mount the camera to a tripod.
- 2 **To take the shot**, position the AF point on the landscape near the horizon, half-press the shutter button to focus, then fully press to trigger the self-timer. Remove your hands and wait for the exposure to finish before touching the camera again.
- 3 **To darken the image**, gradually decrease the *Exposure Compensation* in small steps: **-0.3**, **-0.7**, etc.
- 4 **To brighten the image**, gradually increase the *Exposure Compensation* in small steps: **+0.3**, **+0.7**, etc.
- ★ **For better results**, use a polarizing filter to improve contrast and color.

STARS / NORTHERN LIGHTS

SETUP THE CAMERA

CAMERATIPS.COM



- Set the *Live View Switch* to **Disable** (Off) and use the Viewfinder
- Set the *Lens Focal Length* to **18mm**
- Set the *Mode Dial* to **M** (Manual Mode)
- Set the *Aperture* to **f/3.5**
- Set the *Shutter Speed* to **20" seconds**
- Set the *ISO* to **3200**
- Set the *Auto ISO Sensitivity Control* to **OFF**
- Set the *Focus Mode* to **AF-S**
- Set the *AF-Area Mode* to **Single-point AF**
- Set the *Release Mode* to **Self-timer**
- Set the *White Balance* to **Auto**

TAKE THE SHOT

©MOOSE'S CAMERA TIPS

- 1 **For optimal sharpness**, turn *VR* **OFF** and mount the camera to a tripod.
- 2 **To take the shot**, position the AF point on a bright object in the distance, half press the shutter button to focus, then set the focus mode to manual focus to lock the focus in place for all subsequent shots. If autofocus fails, turn live view mode on, set the focus mode to manual focus, magnify the image on the screen, then turn the focusing ring on the lens until the image looks sharp. Once focus is achieved, press the shutter button to trigger the self-timer. Remove your hands and wait for the exposure to finish before touching the camera again.
- 3 **To darken the image**, gradually decrease the *ISO* in small steps: **1600**, **800**, etc.
- 4 **To brighten the image**, gradually increase the *ISO* in small steps: **6400**, **12800**, etc.

FIREWORKS / LIGHTNING

SETUP THE CAMERA

CAMERATIPS.COM



- Set the *Live View Switch* to **Disable** (Off) and use the Viewfinder
- Set the *Mode Dial* to **M** (Manual Mode)
- Set the *Aperture* to **f/8**
- Set the *Shutter Speed* to **8" seconds**
- Set the *ISO* to **100**
- Set the *Auto ISO Sensitivity Control* to **OFF**
- Set the *Focus Mode* to **AF-S**
- Set the *AF-Area Mode* to **Single-point AF**
- Set the *Release Mode* to **Self-timer**
- Set the *White Balance* to **Auto**

TAKE THE SHOT

©MOOSE'S CAMERA TIPS

- 1 **For optimal sharpness**, turn *VR* **OFF** and mount the camera to a tripod.
- 2 **To take the shot**, position the AF point on a bright object in the distance, half press the shutter button to focus, then set the focus mode to manual focus to lock the focus in place for all subsequent shots. If autofocus fails, turn live view mode on, set the focus mode to manual focus, magnify the image on the screen, then turn the focusing ring on the lens until the image looks sharp. Once focus is achieved, press the shutter button to trigger the self-timer. Remove your hands and wait for the exposure to finish before touching the camera again.
- 3 **To darken the image**, gradually increase the *Shutter Speed* in small steps: **6"**, **5"**, etc.
- 4 **To brighten the image**, gradually decrease the *Shutter Speed* in small steps: **10"**, **13"**, etc.

ARCHITECTURE - DAYLIGHT

SETUP THE CAMERA

CAMERATIPS.COM



- Set the *Live View Switch* to **Disable** (Off) and use the Viewfinder
- Set the *Mode Dial* to **A** (Aperture Priority Mode)
- Set the *Aperture* to **f/11**
- Set the *ISO* to **100**
- Set the *Auto ISO Sensitivity Control* to **OFF**
- Set the *Focus Mode* to **AF-S**
- Set the *AF-Area Mode* to **Single-point AF**
- Set the *Release Mode* to **Self-timer**
- Set the *White Balance* to **Auto** (Direct Sun) or **Cloudy** (Shade/Cloudy)
- Set the *Metering Mode* to **Matrix**

TAKE THE SHOT

©MOOSE'S CAMERA TIPS

- 1 **For optimal sharpness**, turn *VR* **OFF** and mount the camera to a tripod.
- 2 **For the best light**, shoot during sunset or sunrise and keep the sun out of the frame, preferably behind you.
- 3 **To take the shot**, position the AF point on the building, half-press the shutter button to focus, then fully press to trigger the self-timer. Remove your hands and wait for the exposure to finish before touching the camera again.
- 4 **To darken the image**, gradually decrease the *Exposure Compensation* in small steps: **-0.3**, **-0.7**, etc.
- 5 **To brighten the image**, gradually increase the *Exposure Compensation* in small steps: **+0.3**, **+0.7**, etc.
- ★ **For better results**, use a polarizing filter to improve contrast and color.

ARCHITECTURE - NIGHT

SETUP THE CAMERA

CAMERATIPS.COM



- Set the *Live View Switch* to **Disable** (Off) and use the Viewfinder
- Set the *Mode Dial* to **A** (Aperture Priority Mode)
- Set the *Aperture* to **f/8**
- Set the *ISO* to **100**
- Set the *Auto ISO Sensitivity Control* to **OFF**
- Set the *Focus Mode* to **AF-S**
- Set the *AF-Area Mode* to **Single-point AF**
- Set the *Release Mode* to **Self-timer**
- Set the *White Balance* to **Auto**
- Set the *Metering Mode* to **Matrix**

TAKE THE SHOT

©MOOSE'S CAMERA TIPS

- 1 **For optimal sharpness**, turn *VR* **OFF** and mount the camera to a tripod.
- 2 **For the best light**, shoot during dawn or dusk.
- 3 **To take the shot**, position the AF point on the building, half-press the shutter button to focus, then fully press to shoot. If autofocus fails, turn live view mode on, set the focus mode to manual focus, magnify the image on the screen, then turn the focusing ring on the lens until the image looks sharp. Once focus is achieved, press the shutter button to trigger the self-timer. Remove your hands and wait for the exposure to finish before touching the camera again.
- 4 **To darken the image**, gradually decrease the *Exposure Compensation* in small steps: **-0.3, -0.7**, etc.
- 5 **To brighten the image**, gradually increase the *Exposure Compensation* in small steps: **+0.3, +0.7**, etc.

INTERIORS - NATURAL LIGHT

SETUP THE CAMERA

CAMERATIPS.COM



- Set the *Live View Switch* to **Disable** (Off) and use the Viewfinder
- Set the *Mode Dial* to **A** (Aperture Priority Mode)
- Set the *Aperture* to **f/8**
- Set the *ISO* to **100**
- Set the *Auto ISO Sensitivity Control* to **OFF**
- Set the *Focus Mode* to **AF-S**
- Set the *AF-Area Mode* to **Single-point AF**
- Set the *Release Mode* to **Self-timer**
- Set the *White Balance* to **Auto**
- Set the *Metering Mode* to **Matrix**

TAKE THE SHOT

©MOOSE'S CAMERA TIPS

- 1 **For optimal sharpness**, turn *VR* **OFF** and mount the camera to a tripod.
- 2 **For the best light**, shoot during sunrise or sunset. Sunrise is often better since the light is gradually increasing, rather than fading away at sunset.
- 3 **To take the shot**, position the AF point, then half-press the shutter button to autofocus and fully press to trigger the self-timer. Remove your hands and wait for the exposure to finish before touching the camera again.
- 4 **To darken the image**, gradually decrease the *Exposure Compensation* in small steps: **-0.3**, **-0.7**, etc.
- 5 **To brighten the image**, gradually increase the *Exposure Compensation* in small steps: **+0.3**, **+0.7**, etc.

INTERIORS - SPEEDLIGHT

SETUP THE CAMERA

CAMERATIPS.COM

- Set the *Live View Switch* to **Disable** (Off) and use the Viewfinder
- Set the *Mode Dial* to **M** (Manual Mode)
- Set the *Aperture* to **f/8**
- Set the *Shutter Speed* to **1/60**
- Set the *ISO* to **1600**
- Set the *Auto ISO Sensitivity Control* to **OFF**
- Set the *Focus Mode* to **AF-S**
- Set the *AF-Area Mode* to **Single-point AF**
- Set the *Release Mode* to **Self-timer**
- Set the *White Balance* to **Auto**



TAKE THE SHOT

©MOOSE'S CAMERA TIPS

- 1 **For a more natural look indoors**, attach a compatible TTL speedlight to the hot shoe on top of the camera, then rotate and point the flash at a 45° angle towards the ceiling/wall behind you to bounce the light
- 2 **To take the shot**, aim the AF point, half-press the shutter button to autofocus, then fully press to shoot.
- 3 **To make the flash output brighter**, gradually increase the *Flash Compensation* in small steps: **+0.3**, **+0.7**, etc.
- 4 **To make the ambient light brighter**, gradually increase the *ISO* in small steps: **3200**, **6400**, etc.
- 5 **To make the ambient light darker**, gradually decrease the *ISO* in small steps: **800**, **400**, etc.

QUICK REFERENCE

A - APERTURE PRIORITY MODE

- Rotate the mode dial on top of the camera to **A**
- To adjust the *Aperture*, rotate the knurled dial

M - MANUAL MODE

- Rotate the mode dial on top of the camera to **M**
- To adjust the *Aperture*, press and hold the **+/-** button, then rotate the knurled dial
- To adjust the *Shutter Speed*, rotate the knurled dial

S - SHUTTER PRIORITY MODE

- Rotate the mode dial on top of the camera to **S**
- To adjust the *Shutter Speed*, rotate the knurled dial

AF-AREA MODE

- Press the **i** button, then highlight the **AF-area Mode** tab and press **OK**
- Select the desired the *AF-area Mode* (**Single-point AF**, **Dynamic-area AF**)
- Move the AF point using the thumb control pad

AUTO ISO SENSITIVITY CONTROL

- Press the **MENU** button, highlight the **Shooting Menu** tab
- Select **ISO Sensitivity Settings**, then select **Auto ISO Sensitivity Control**
- Select **ON** to enable *Auto ISO* or select **OFF** to disable *Auto ISO*

AUTO ISO MINIMUM SHUTTER SPEED

- Press the **MENU** button, highlight the **Shooting Menu** tab
- Select **ISO Sensitivity Settings**, then select **Minimum Shutter Speed**
- Select the desired *Minimum Shutter Speed* (**1/125**, **1/250**, etc.)

QUICK REFERENCE

EXPOSURE COMPENSATION

- Press and hold the **+/-** button
- To brighten (+) the exposure, rotate the knurled dial to the right
- To darken (-) the exposure, rotate the knurled dial to the left

FLASH COMPENSATION

- Press the **i** button, then highlight the **Focus Compensation** tab and press **OK**
- To brighten (+) the flash exposure, press up on the thumb control pad
- To darken (-) the flash exposure, press down on the thumb control pad

FOCUS MODE

- Press the **i** button, then highlight the **Focus Mode** tab and press **OK**
- Select the desired *Focus Mode* (**AF-S**, **AF-C**, **MF**)

ISO

- Press the **i** button, then highlight the **ISO** tab and press **OK**
- Highlight the desired ISO (**100-25600**), then press **OK**

LIVE VIEW MODE

- Pull the **Lv** switch to turn *Live View Mode* on
- Pull the **Lv** switch again to turn *Live View Mode* off

MANUAL FOCUS

- Press the **i** button, then highlight the **Focus Mode** tab and press **OK**
- Set the *Focus Mode* to **MF**

METERING MODE

- Press the **i** button, then highlight the **Metering** tab and press **OK**
- Select the desired *Metering Mode* (**Matrix**)

QUICK REFERENCE

RELEASE MODE

- Press the  button
- Select the desired *Release Mode* (**Single frame, Continuous, Self-Timer**)

VIBRATION REDUCTION (VR, VC, OS)

- If your lens has a **VR, VC, or OS** switch, slide it **ON** or **OFF**
- If your lens doesn't have a **VR, VC, or OS** switch, press the **MENU** button
- Highlight the **Shooting Menu** tab, then select **Optical VR**
- Select **ON** to enable *VR* or select **OFF** to disable *VR*

WHITE BALANCE

- Press the *i* button, then highlight the **White Balance** tab and press **OK**
- Select the desired *White Balance* (**Auto, Cloudy**)