

Canon

EOS R5 Mark II



SETUP GUIDE

Glenn Bartlev and Jan Wegener

INTRODUCTION

Thank you for purchasing our setup guide and congratulations on the purchase of your new camera! We're sure it will help you to capture many thousands of wonderful images. The purpose of this guide is to help you to set up and understand the features, functions and settings of your new Canon R5II. We have tried our best to simplify things and make the choices clear. In some cases the best setting is an obvious one. Other times there are options based on personal preferences. In each case We have tried to make this clear and provide the information that you need in order to get the absolute most out of your new camera.

Throughout the guide you will see places where we have stated (P.P.). This stands for personal preference and means that there is no correct setting but rather a few options that are up to your own preferences.

We have also included a .CAM file for your camera. If you simply wish to upload our settings to your camera. You can do so in the yellow menu #5. **We recommend reading through this guide first and saving your own .CAM file prior to uploading ours** though in case you do not like how it works for you. FYI the CAM files can sometimes be glitchy and not copy over all settings.

In addition to this guide it would be a great idea to also watch Jan's setup video for the R5 II on his YouTube channel as an additional resource.

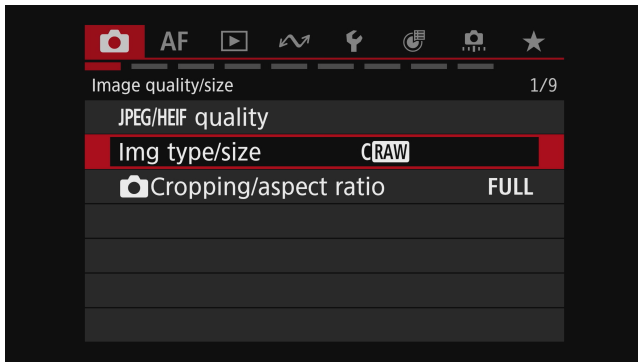
Glenn and Jan

ADDITIONAL RESOURCES

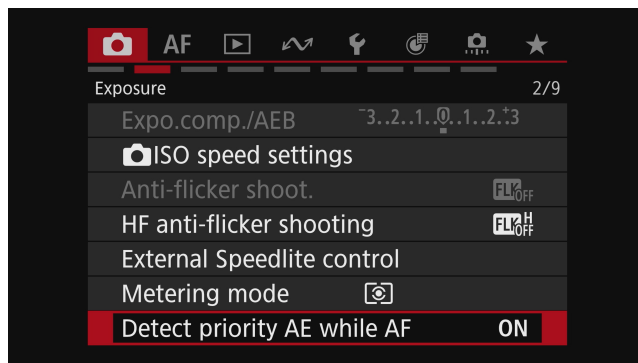
If you enjoy this guide you may want to check out our other guides on post processing and our PROSETS and BRUSH PACK.



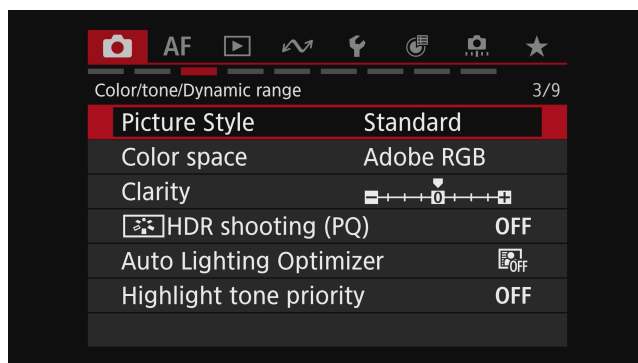
RED MENU



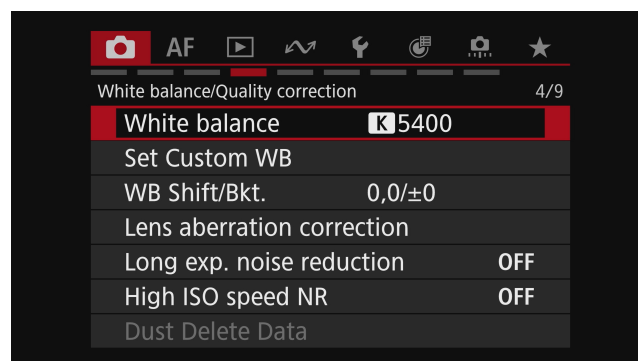
- **JPEG quality** - We Shoot RAW
- **Image Type** - RAW or cRAW for a smaller file size and increased buffer
- **Aspect ratio** - FULL



- **Expo.comp** - Use back camera wheel to control this.
- **ISO speed** - Displays existing ISO
- **Anti Flickr Shoot** - Disable
- **HF Anti Flickr Shoot** - Off for nature
- **External Speedlight Control** - See pg 6 below
- **Metering Mode** - Evaluative (P.P.)
- **Detect Priority** - ON

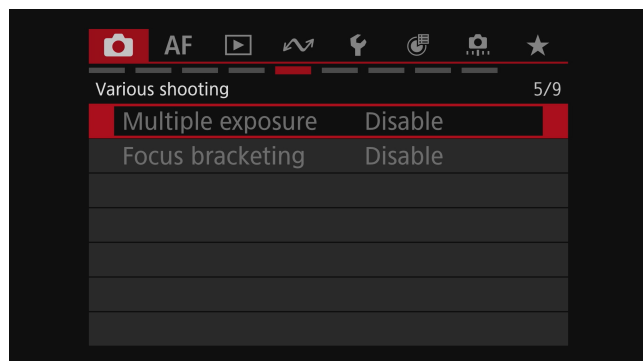


- **Picture Style** - Standard - edit to add sharpness if desired (affects JPG only and the preview on camera)
- **Color Space** - Adobe RGB
- **Clarity** - Affects only jpg. Bump up if you want to see images sharper on LCD
- **HDR PQ** - Left off as default. Adjust to suit your needs if shooting in HDR mode.
- **Auto Lighting Optimizer** - Off
- **Highlight tone priority** - Off (Can maintain detail in highlights but may add noise - works on RAW files)

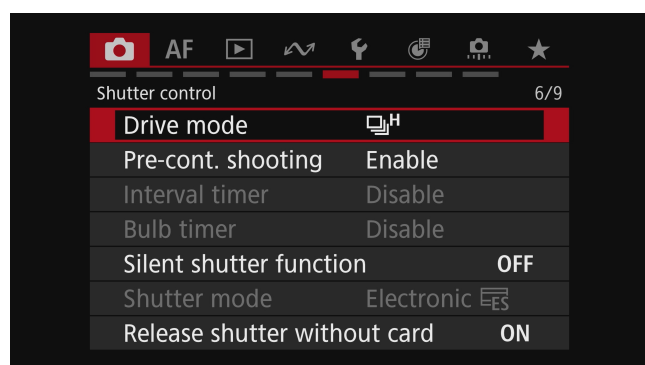


- **White balance** - We use kelvin and set according to conditions (usually 5200-5800)
- **Custom White balance** - Off
- **WB Shift** - Off
- **Lens aberration correction** - Off
- **Long exp noise** - Off
- **High ISO speed NR** - Off

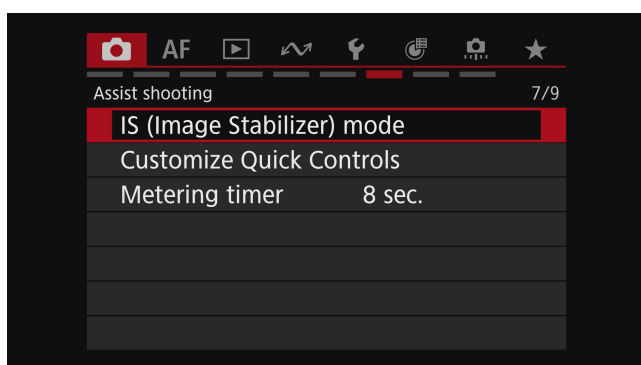
RED MENU



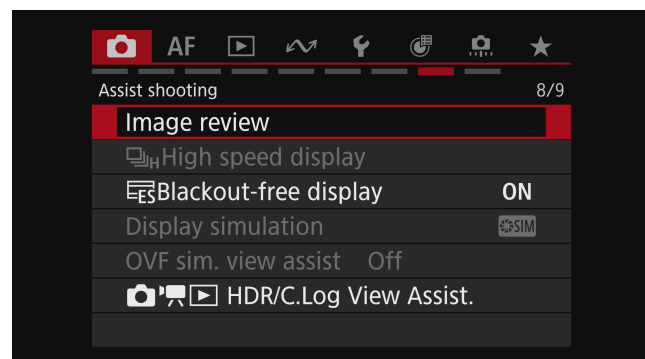
- **Multiple Exposure** - Disable
- **Focus bracketing** - Disable



- **Drive mode** - H+ as default (30 fps in electronic / 12 fps in electronic first curtain).
- **Pre-cont shooting** - Enable to record 0.5 seconds prior to pressing the shutter button (when anticipating action)
- **Interval Timer** - Disable
- **Bulb timer** - Disable
- **Silent Shutter** - Off
- **Shutter Mode** - Use Electronic by default.
- **Release Shutter without Card** - Off

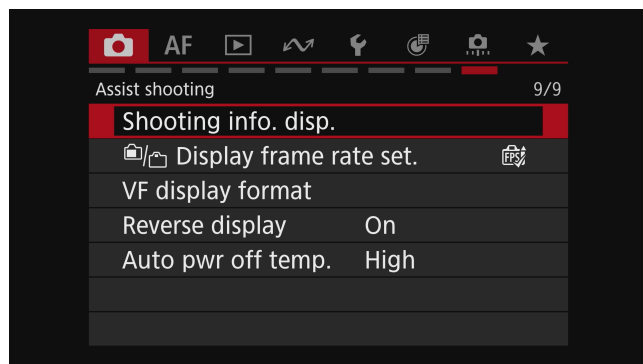


- **IS Mode** - Digital IS Off
- **Customize Quick Controls** - If you want you can edit your Q menu here to suit your needs (P.P.)
- **Metering timer** - mid range at 8 sec. Shorter may preserve battery life.

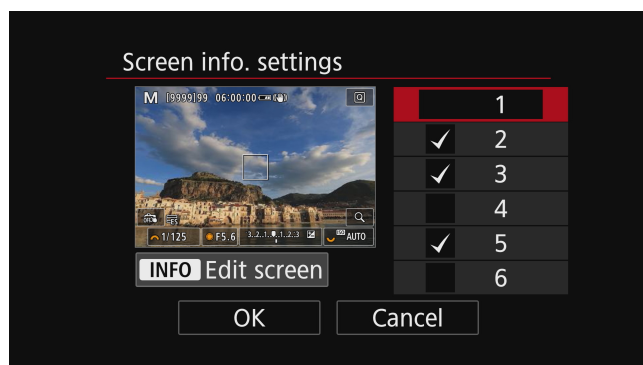


- **Image Review** - Off / Disable - Prefer not to have auto image review (PP)
- **High speed display** - Not enabled.
- **Blackout Free** - On as default. But must be switched to Off if you wish to use mechanical shutter.
- **Display sim** - Exposure + DOF (P.P.)
- **OVF sim view** - Off
- **HDRC Log View** - Off

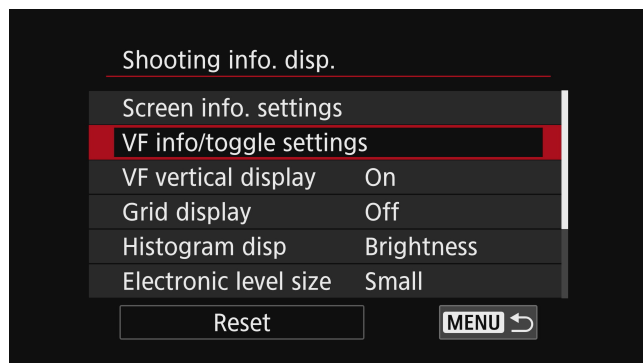
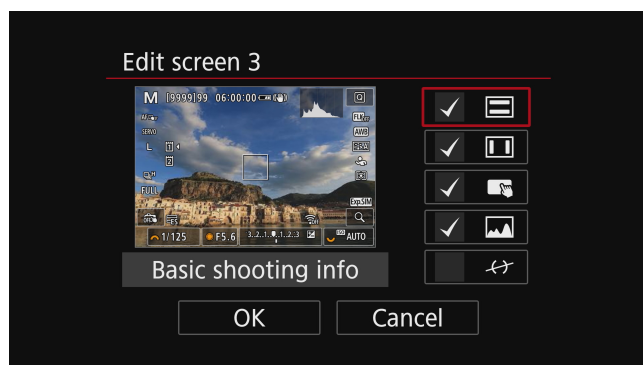
RED MENU



- **Shooting info disp** - See next menu
- **Display Frame Rate Set** - Smooth
- **VF Display Format** - Option 1
- **Reverse Display** - On
- **Auto pwr off temp** - High



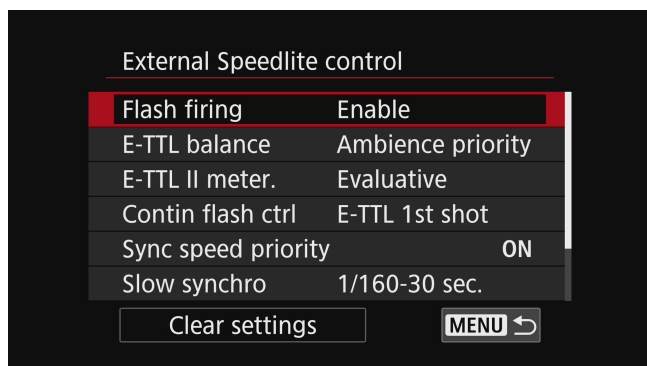
- **Screen Info** - Select the options you want to see (PP). Press info to access a sub menu to add or remove items.



- **VF Info/toggle** - Select the options you want to see (PP).
- **VF vert disp** - On
- **Grid display** - I prefer 3x3 (PP)
- **Histogram disp** - Brightness (small size) (PP)
- **Electronic Level** - Small (PP)

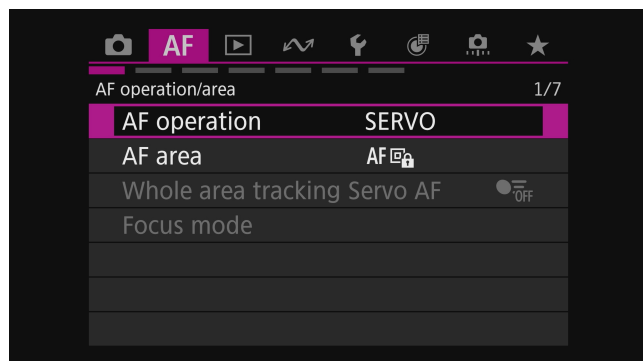
RED MENU

EXTERNAL FLASH SETTINGS



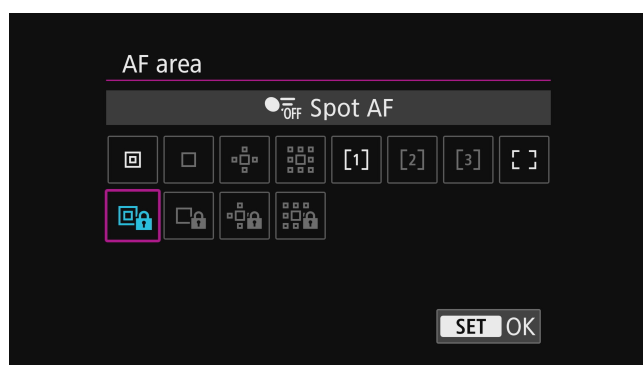
- **Flash Firing** - Enable
- **E-TTL II balance** - Ambience priority for a more natural look
- **E-TTL II meter** - Evaluative
- **Contin flash ctrl** - E-TTL 1st shot - speeds up continuous shooting with flash on
- **Sync Speed Priority** - ON to allow faster max sync speed
- **Slow synchro** - 1/160 - 30" A
- **Flash function settings** - ETTL, high speed sync, FEC as needed
- **Flash C.Fn setting** - These settings vary based on the model of EX flash used. Consult your flash manual.

PINK MENU



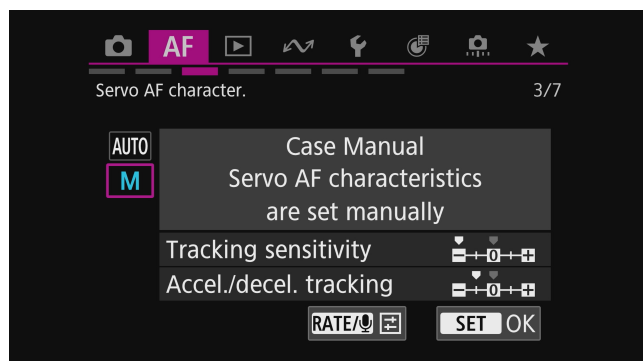
- **AF operation** - Servo
- **AF area** - Spot AF with no tracking - Because we do not want tracking enabled (see next slide).
- **Whole area tracking Servo AF** - Grayed out because spot without tracking has been selected

*NOTE - We set up our cameras to enable double back button focus mode. See light green menu for details on how to set this up.



- **Subject to detect** - Grayed out because we have disabled tracking. If you chose to select a tracking mode above you would decide which subject to track.
- **Eye detection** - Grayed out because we have disabled tracking.
- **Register People** - Can upload a photo of a person if you want to specifically try to focus on them.
- **Action Priority** - Used for sports photography.

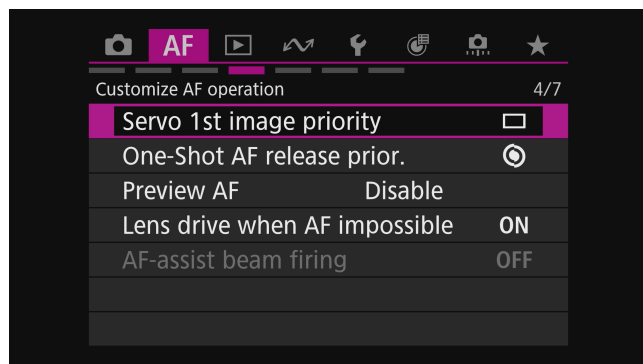
We Generally Use Manual and switch both sliders to the left. This helps to hold on to birds in flight. For some especially jumpy or erratic subjects you may wish to try the auto setting and observe if that improves AF performance.



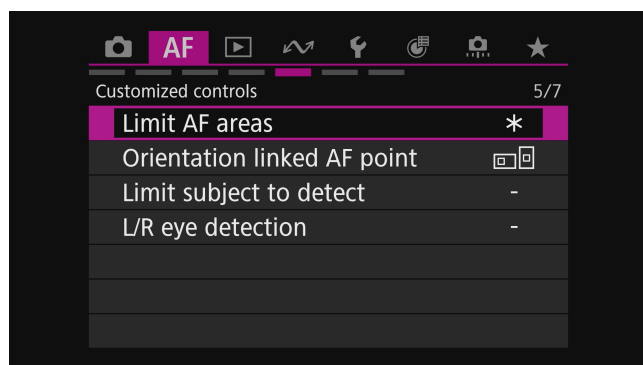
What is **MOST** important is to understand what each slider is doing:

- **Tracking sensitivity** - if the AF point is tracking a subject, and then “sees” a new subject, how will it respond? [-1 or -2 to stay locked on].
- **Accel / decel tracking** - Set to [0 or -1] for a steadily-moving subject, or to [1 or 2] for one with a stop-and-start character.

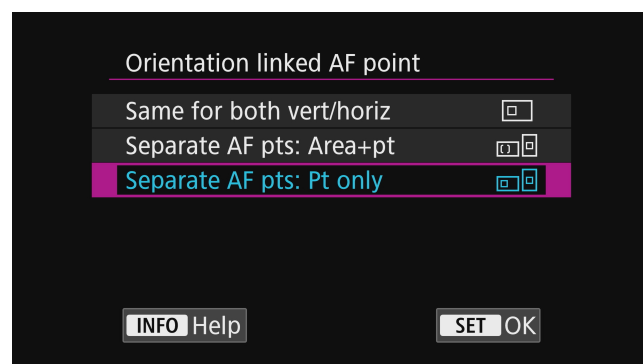
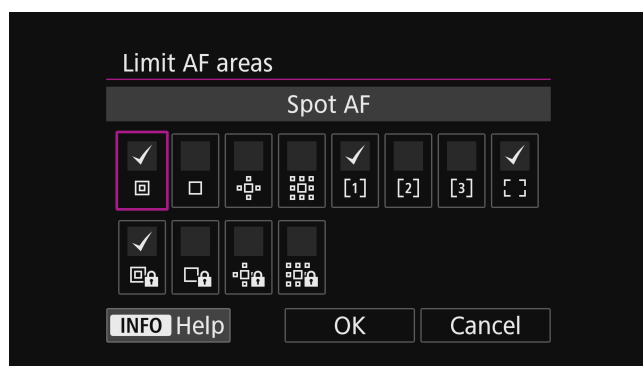
PINK MENU



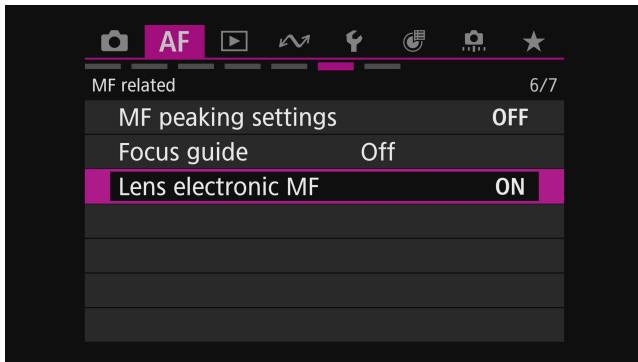
- **Servo 1st image prior** - Prioritize release
- **One shot af release prior** - Prioritize focus
- **Preview AF** - Disable
- **Lens drive when AF...** - ON
- **AF-assist beam** - OFF



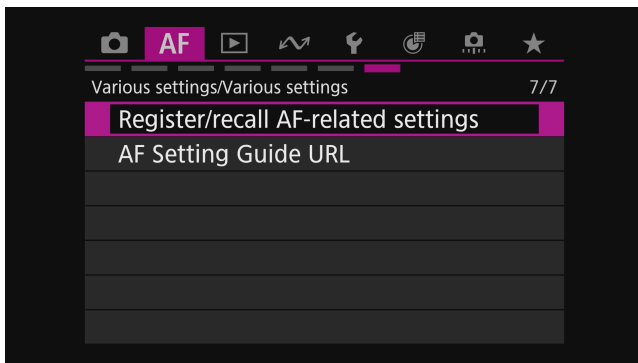
- **Limit AF areas** - You can eliminate AF areas you dont need. This makes it faster to scroll through the ones you use (PP - see below)
- **Orientation Linked pt** - Seperate points (see below)
- **Limit Subject to detect** - Leave all options.
- **L/R eye detection** - Leave as default.



PINK MENU

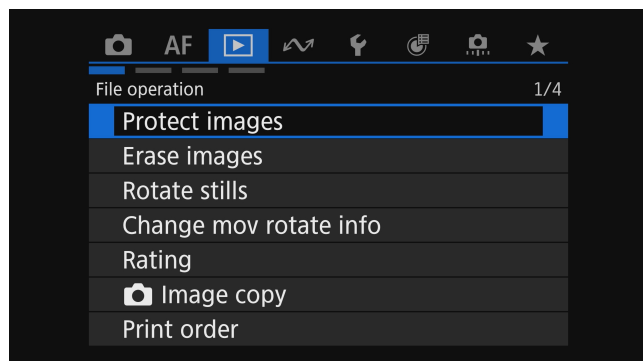


- **MF peaking** - Off (PP) to see areas in focus when manual focussing.
- **Focus Guide** - Off
- **Lens electronic MF** - On (otherwise RF lenses will not MF)

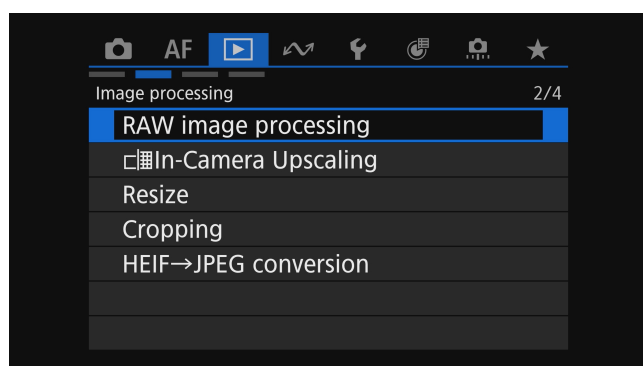


- **Register AF settings** - You can save all of your AF settings to a file if you want.
- **AF setting URL** - QR code link to URL guide

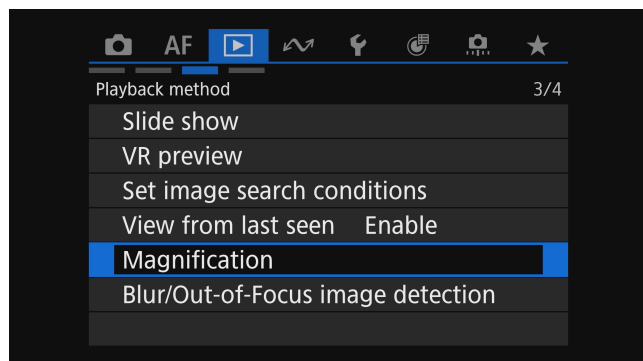
BLUE MENU



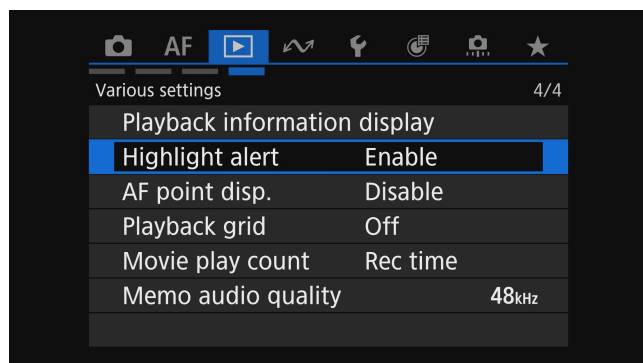
- **Protect images** - Use as needed.
- **Erase images** - I prefer to format card.
- **Rotate stills** - Not done on camera.
- **Change mov rotate info** - Default setting.
- **Rating** - Not done on camera.
- **Image copy** - If needed images can be copied from one card to another in camera.
- **Print order** - Only if printing directly.



- **RAW Processing** - Better done on computer
- **In Camera Upscale** - Better done on computer
- **Resize** - Better done on computer.
- **Cropping** - Better done on computer.
- **HEIF - JPG** - Better to shoot RAW

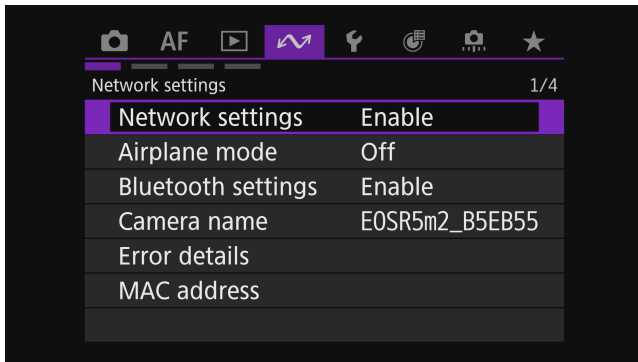


- **Slide show** - Never on camera.
- **VR preview** - only for use with VR lenses. Not used for general photography.
- **Set Search Conditions** - Can limit search (e.g. only jpg, date, etc). Not very useful for most.
- **View from last seen** - Enable
- **Magnification** - Actual size from pt (P.P.)
- **Blur Out of Focus** - Can set up to tag images that camera deems out of focus. Likely unreliable for nature. Only works on jpgs of people.



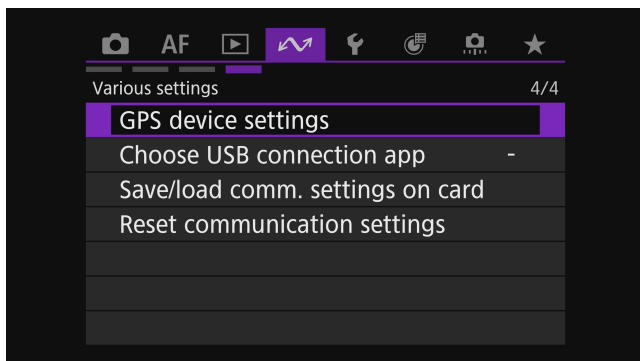
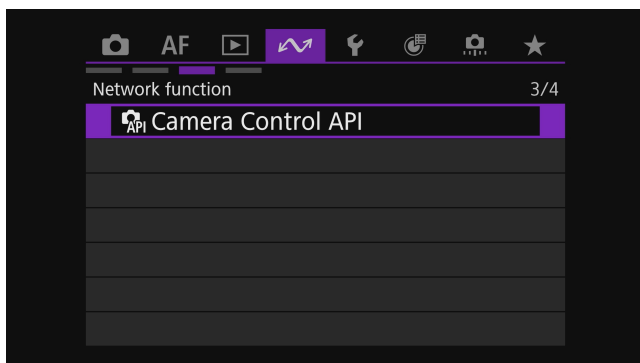
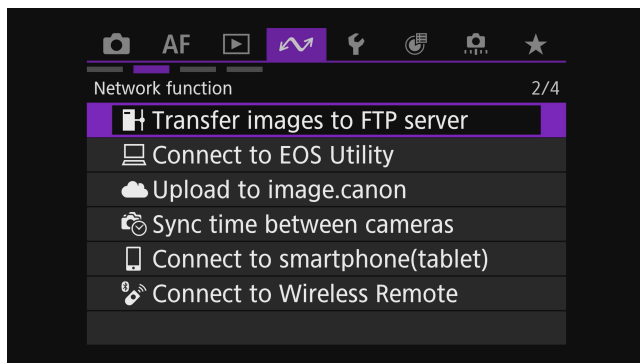
- **Playback Info Display** - (P.P.)
- **Highlight alert** - Enable
- **AF point disp** - Enable or disable (P.P.)
- **Playback grid** - Various grids to check level and composition (P.P.)
- **Movie play count** - What to display during movie playback (P.P.)
- **Memo audio quality** - Default

PURPLE MENU

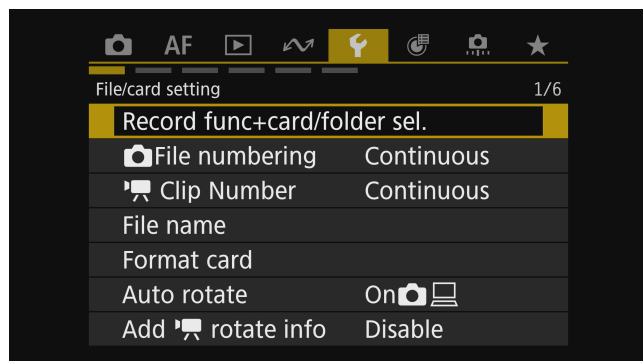


** NOTE - This menu and these settings are more targetted at photojournalists. Most nature photographers have no need for such image transfer capabilities. If you wanted to connect your camera to your smartphone via the Canon connect app this is where you would do so.

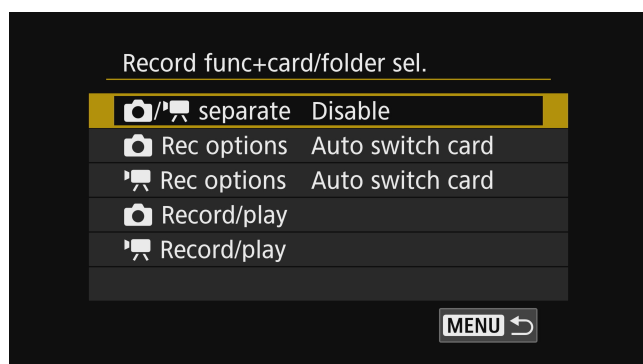
Can turn airplane mode on to disable all network settings and save any battery drain.



YELLOW MENU

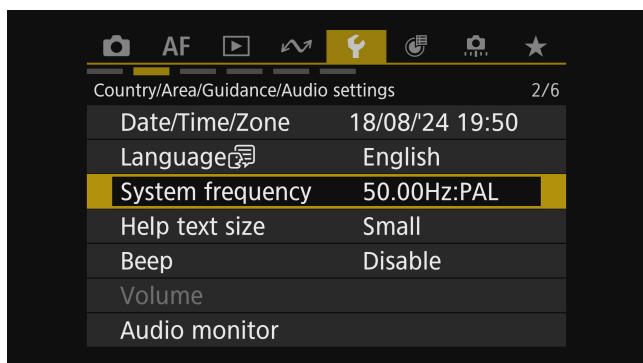


- **Record func +** - Customize to P.P. (see below)
- **File numbering** - Continuous (P.P.)
- **Clip number** - Continuous (P.P.)
- **File name** - Default. Create custom file name if desired. (P.P.)
- **Format card** - I format each time I use a card
- **Auto rotate** - On (middle setting) (P.P.)
- **Add movie rotate info** - Disable

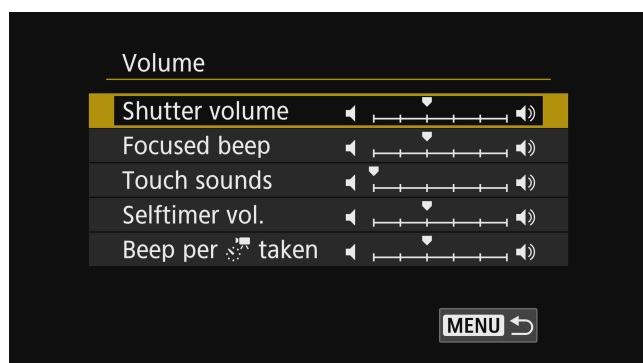


- **Rec options** - Auto switch card (PP) - If the first card is full the camera will automatically switch to the second.

** NOTE - under Record/play for stills or video you can assign a priority card. For example to always use the CF express card instead of the SD card. To do so you hit the info button.

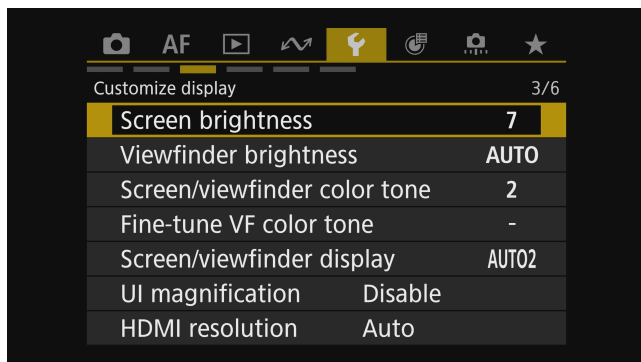


- **Date/Time** - Set accordingly
- **Language** - Set accordingly
- **System freq** - For NTSC (North America) PAL for most other countries.
- **Help Text Size** - Small
- **Beep** - Enable to be able to adjust shutter sound in electronic shutter mode (see below)
- **Volume** - Default or change to PP
- **Audio monitor** - For external headphones settings.

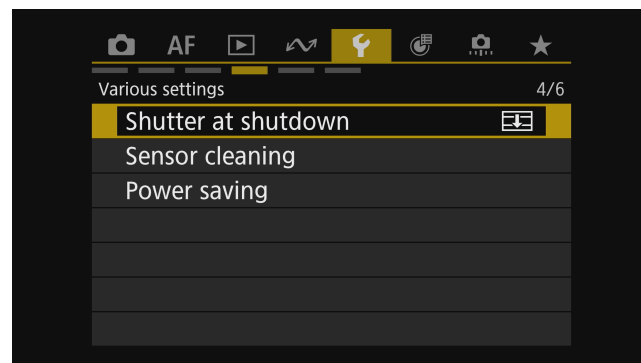
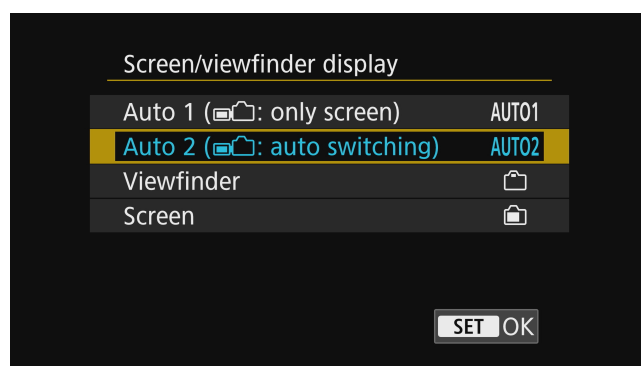


- **Volume** - Note that you can adjust the volume of the various sounds on the R5II

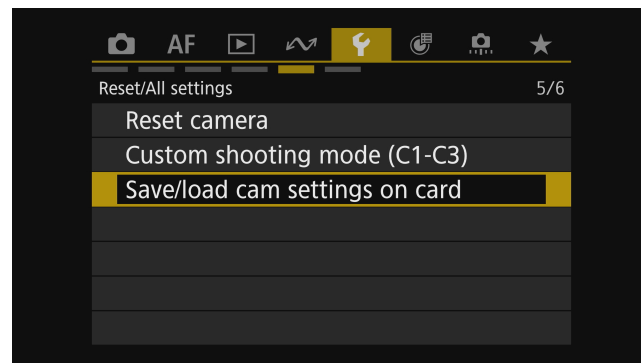
YELLOW MENU



- **Screen Brightness** - 7 for max brightness (PP)
- **Viewfinder Brightness** - Auto
- **Screen / View Color** - 2
- **Fine-tune VF color** - 2 (PP)
- **Screen Display** - Auto 2 (PP) (See below)
- **UI magnification** - Disable
- **HDMI Rez** - Auto

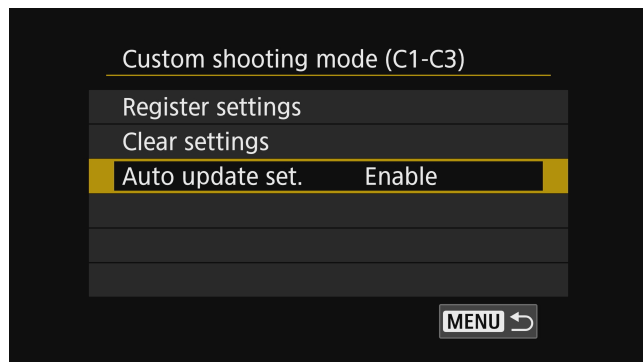


- **Shutter at shutdown** - closed
- **Sensor cleaning** - cleaning options as needed
- **Power Saving** - Can choose shorter durations to save battery life (PP)

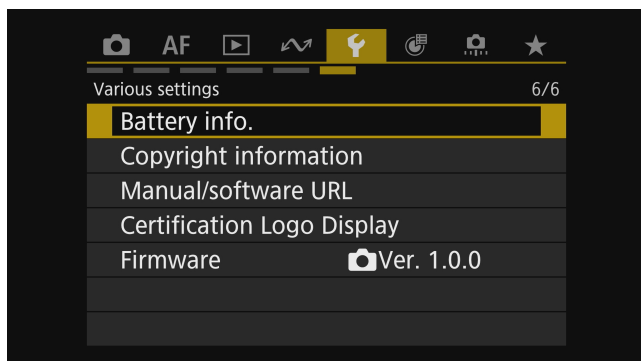


- **Reset Camera** - Resets everything
- **Custom shooting modes** - Use this to save custom settings. For example one mode for general shooting, one mode for flight, etc. Can also save specific video shooting modes.
- **Save cam settings** - Once you have set up your R5 II you can save your complete settings to a .cam file. Load included Cam file here.

YELLOW MENU

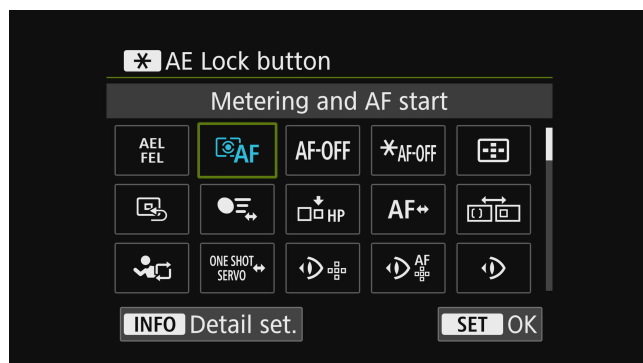
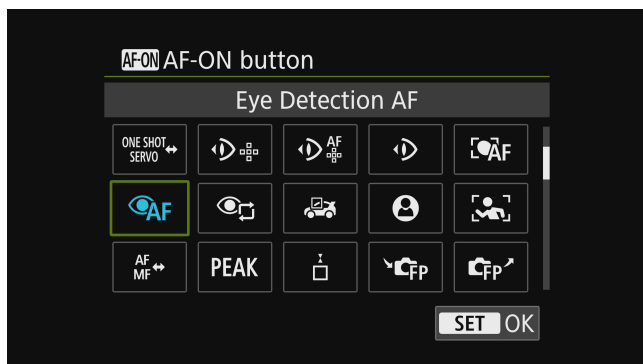
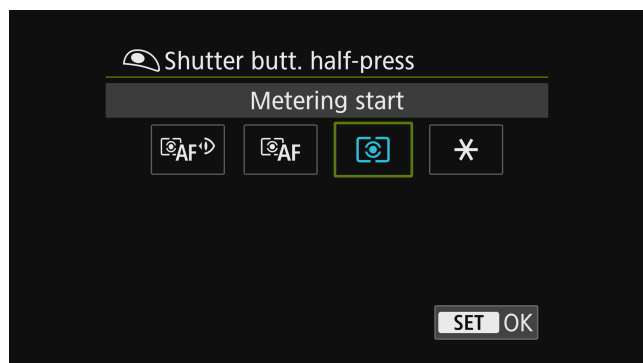
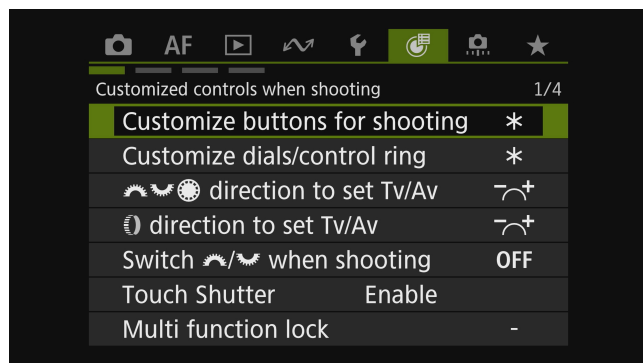


- **Register Settings** - You can create custom modes here for particular settings for quick access (C1,C2,C3).
- **Clear Settings** - Clears custom settings
- **Auto update set** - Enable if you want the camera to automatically update your custom functions when you make changes on the fly (PP).



- **Battery Info** - Displays battery level and performance
- **Copyright** - Add your copyright info (PP)
- **Manual URL** - links to manual web URL
- **Logo Display** - Displays Logo
- **Firmware** - Displays Firmware

LIGHT GREEN MENU



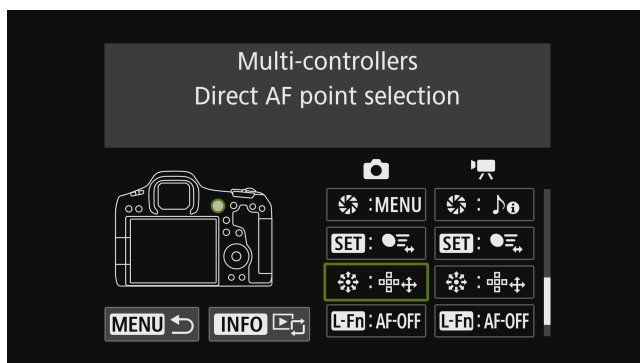
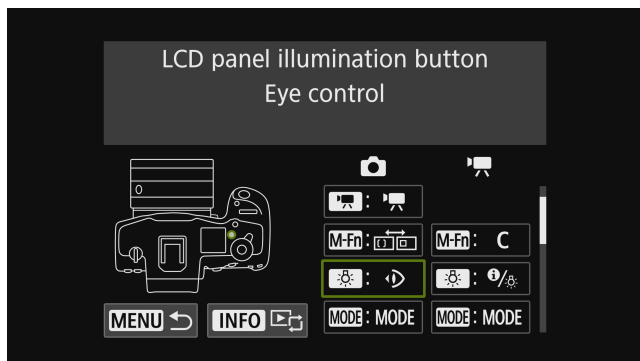
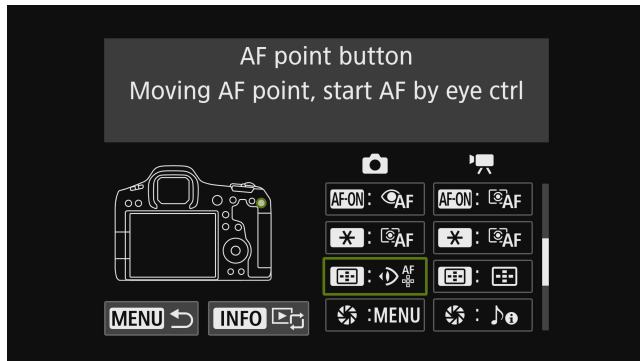
- **Customize buttons** - This is one of the most important aspects of setting up your camera. Many camera buttons can be customized to user P.P. (e.g. assigning back button focus as well as a variety of other button functionalities). See below for some suggestions (PP).
- **Custom dials** - Set according to P.P (see below)
- **Direction for TV/AV** - Default (PP)
- **Switch when shooting** - Off
- **Exposure level increments** - 1/3
- **Touch control** - Enable (PP)
- **Multifunction lock** - Default

HOW WE SET OUR CUSTOM BUTTONS

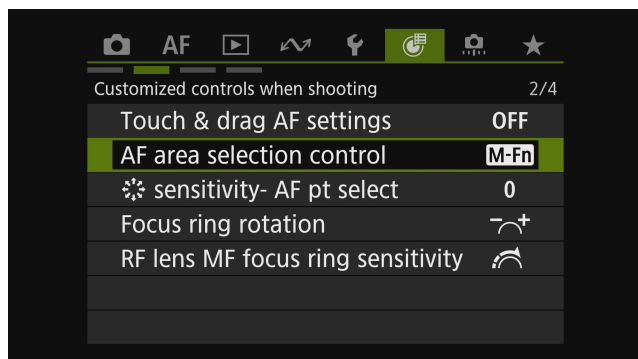
- **Shutter** - Metering start
- **AF ON** - Eye Detection Autofocus
- *** Button** - Metering and AF Start - Single Point Point (as was set up in the 1st pink menu)
- **AF Point Button** - Start AF by eye control
- **LCD illum** - Enable Eye Control AF
- **Mfn** - Cycle through different AF modes
- **DOF Preview** - Go to Menu Display
- **Multi Controller** - Direct AF point Select

This is just an example of how you can set up the custom buttons. Feel free to make your camera your own by setting up certain buttons to suit your own specific needs.

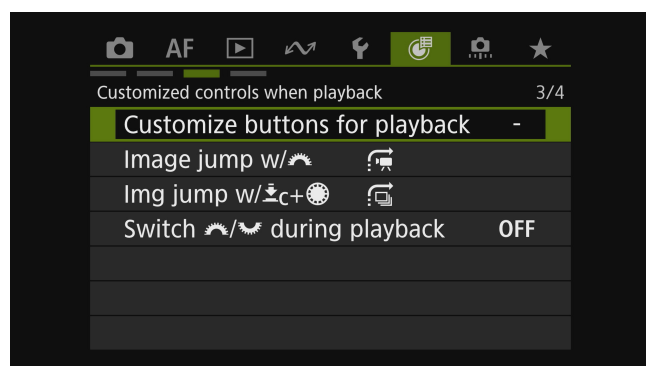
LIGHT GREEN MENU



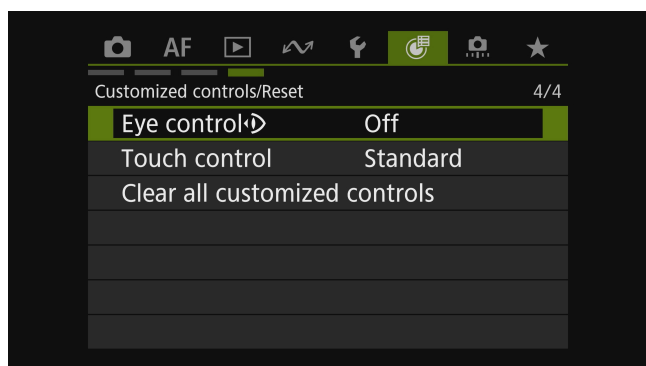
LIGHT GREEN MENU



- **Touch and Drag AF** - OFF
- **AF Area Selection** - M-fn
- **Sensitivity** - 0 (PP)
- **Focus Ring Rotation** - Default
- **RF lens MF ring** - Default

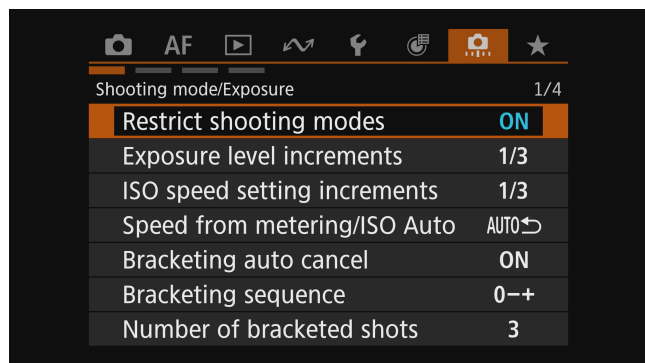


- **Customize Buttons for Playback** - You can assign custom buttons for use while in playback mode.
- **Image Jump 1** - jump 10 images (PP)
- **Image Jump 2** - default
- **Switch during playback** - OFF



- **Eye Control** - OFF - turn on as desired with custom button (see above)
- **Touch Control** - Standard
- **Clear all custom controls** - If you want to start fresh

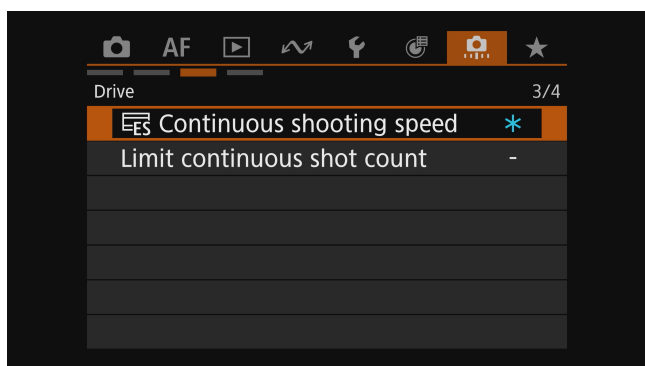
ORANGE MENU



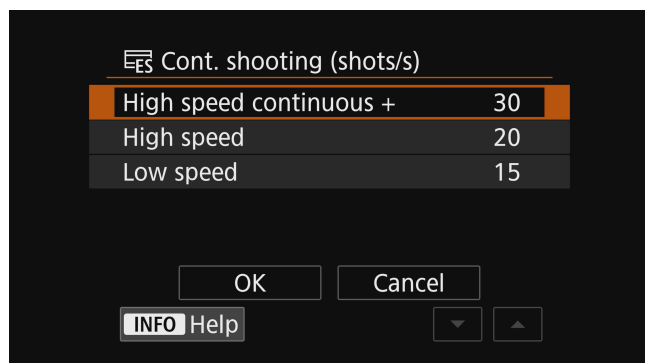
- **Restrict Shooting Modes** - You can remove any modes you do not use. For example P or TV mode.
- **Exposure level increments** - 1/3
- **ISO setting increments** - 1/3
- **Speed from metering** - Auto
- **Bracketing auto cancel** - ON - shuts off EXP / WB bracketing after camera turned off. (P.P.)
- **Bracketing sequence** - P.P.
- **Number of bracketed shots** - 3 or 5 (P.P.)



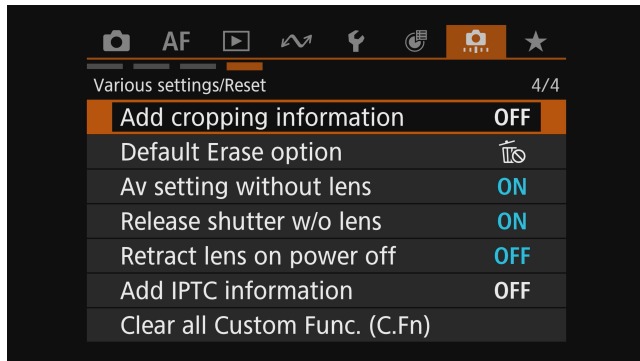
- **Safety Shift** - OFF
- **Same expo for new aperture** - Off
- **AE lock meter** - I enable for all metering modes.
- **Set shutter speed range** - Full range
- **Set aperture range** - Full range
- **AE Microadjust** - If you feel your camera is not metering correctly you can adjust it here. Likely never needed.
- **FE Microadjust** - If you feel your camera is not metering flash correctly you can adjust it here. Likely never needed.



- **Continuous Shooting Speed** - Set a few different frame rates based on different speed needs as you dont always need 30 fps (see below).
- **Limit shot count** - Disable

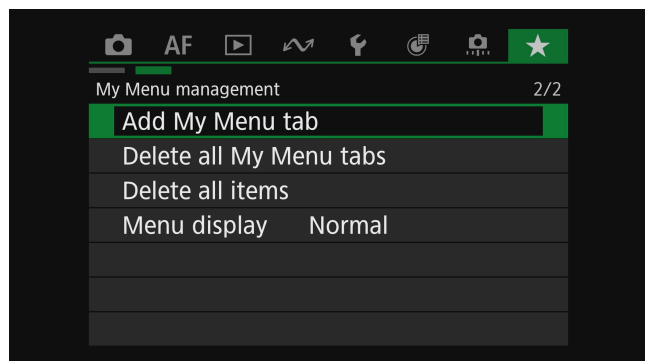


ORANGE MENU

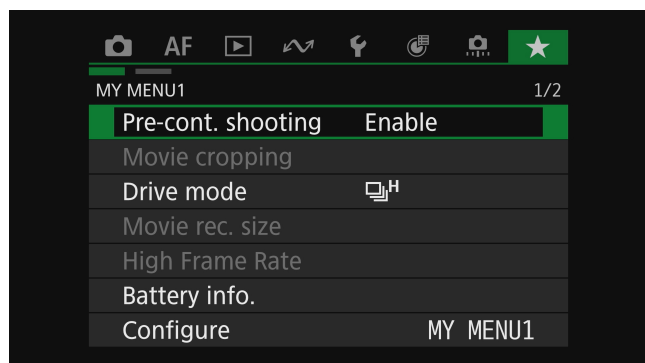


- **Add cropping info** - Better done in Photoshop
- **Default Erase** - Erase selected
- **AV setting w/o lens** - ON (PP)
- **Release shutter w/o lens** - ON (PP)
- **Retract lens** - OFF - If this is set to ON the camera will lose focus every time it goes in to standby mode.
- **Add IPTC Info** - OFF
- **Clear all Custom Func** - To reset

GREEN MENU



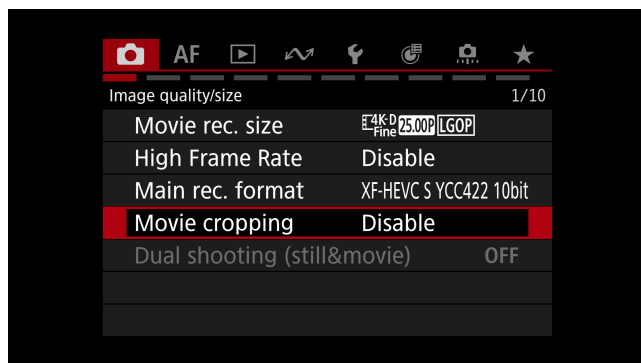
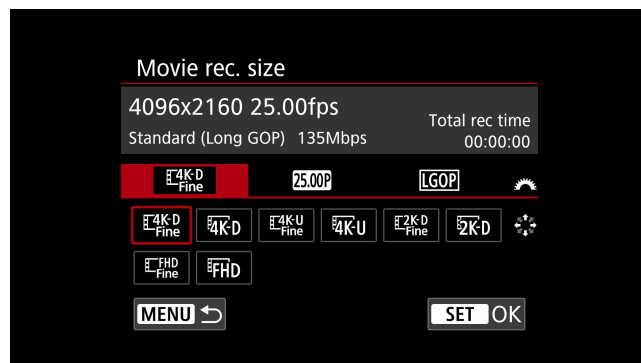
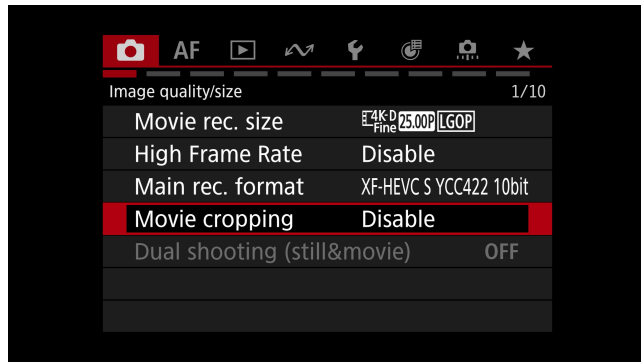
- **Add My Menu tab** - Up to 5 custom menus can be created, named and sorted according to P.P.
- **Delete all Menu Tabs** - Deletes all created menus
- **Delete all items** - Clears your green menu
- **Menu display** - Can be personalized so that the menu button takes you straight to the “My Menu” or ONLY shows “My Menu” items.



- **Configure** - Add commonly accessed menu items here.
- This is a handy place to store menu settings that you may wish to access quickly such as pre-cont shooting, drive mode, GPS, etc. (See below).

VIDEO MENUS OF NOTE

For the video menus we are showing you the specific settings that we recommend you change or settings that may require some explanation. Many menus are left unchanged from the photo settings and are therefore not shown here.



Movie Rec Size - We recommend 4K.

Depending on if you select NTSC or PAL you will either have 25/50 or 29.97/60 available.

In the first red menu select Movie rec size. You will have 3 tabs available.

We recommend using 4K-D fine.

Then select your frame rate in the next tab as described above.

In the last tab you select your video compression. Depending on what you have selected as the main recording format there will be different options available here.

We use HEVC S YCC4ss 10 bit and LGOP for good quality and the smallest file size.

If you want the highest quality video files (much larger) then select AVC S YCC422 10 bit. This will unlock 3 more quality options in the movie rec size tab. You can then use Intra high quality codec.

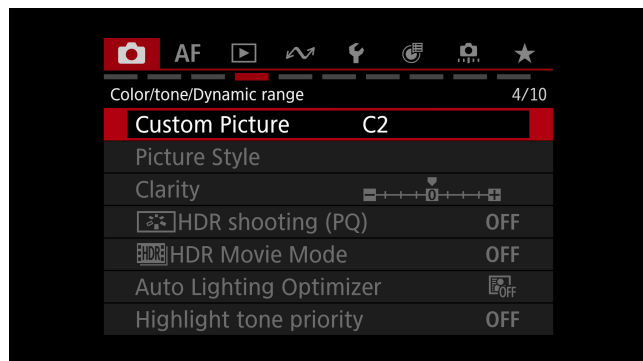
High frame rate can be enabled for slow motion footage. You may wish to make a custom setting to quickly enable this.

Main rec format - We use XF-HEVC S YCC422 10 bit. If shooting in 8K choose RAW.

Movie cropping - enable if you want to apply a 1.6x crop to your video.

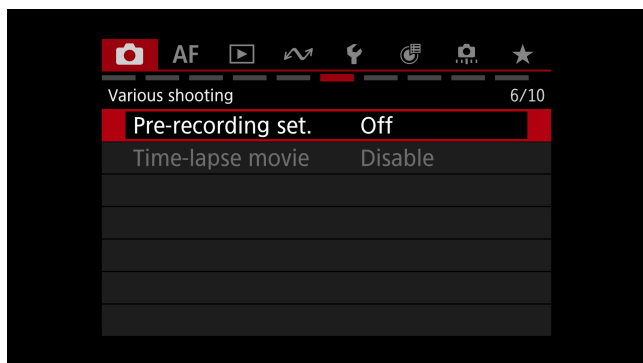
Dual shooting - you can enable this to shoot jpgs while recording movies

VIDEO MENUS OF NOTE



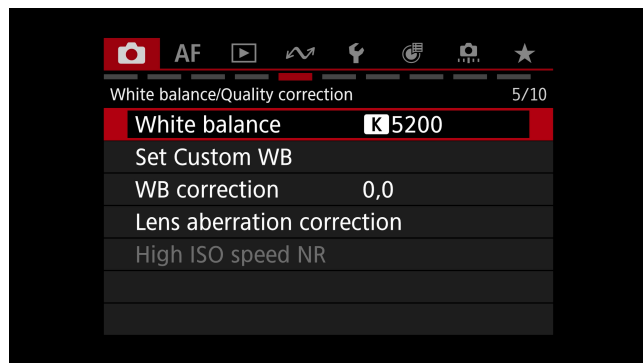
Select custom picture on if you want to shoot in LOG format (use Canon Log 2). You would use Canon Log if you want a flat neutral profile with maximum dynamic range. This footage will require video editing and the codec for this file type is more difficult to edit.

Otherwise turn custom picture off and choose a Picture style - This will affect the look of your video. You don't want it too saturated or too sharp, etc.



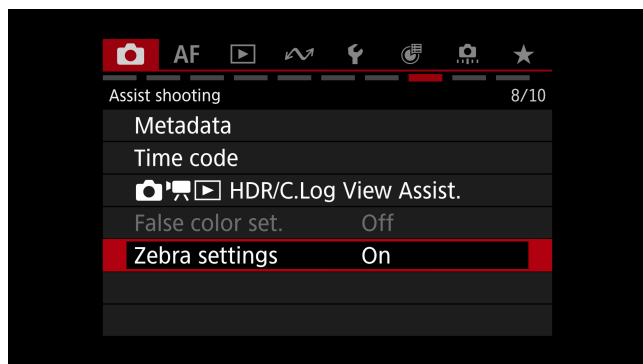
We recommend using Kelvin white balance set to 5200 to start. Otherwise use AWB.

Pre-recording Set - If On records a constant loop of video for 5 seconds before you hit the record button.

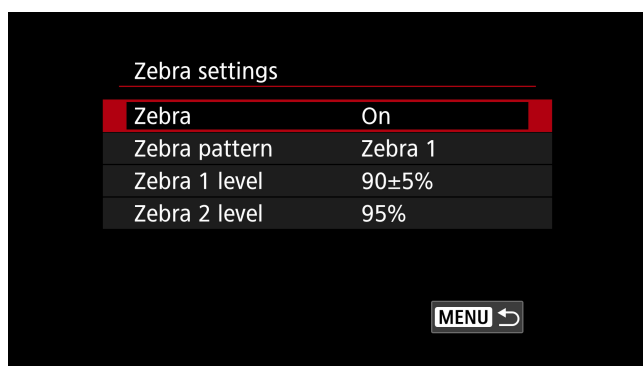


We recommend using kelvin as your white balance. Set initially at 5200 and adjusting to suit the conditions in the field.

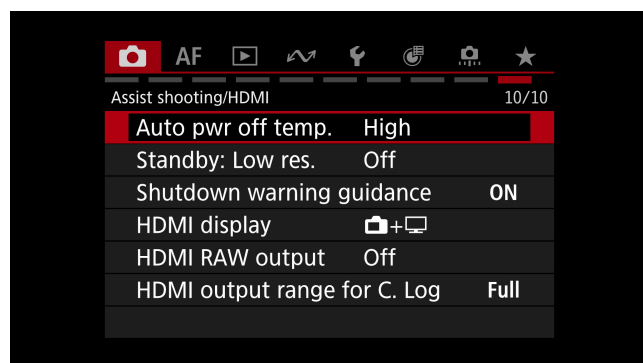
VIDEO MENUS OF NOTE



Turn on Zebras (see below)

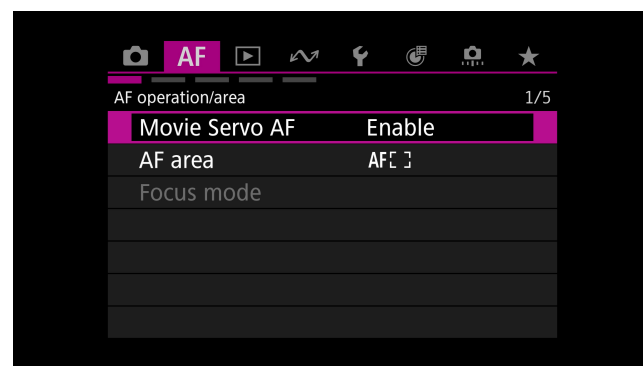


Turn zebra settings on to show highlights that may be too bright. Use the zebra settings here to start and adjust to your needs.



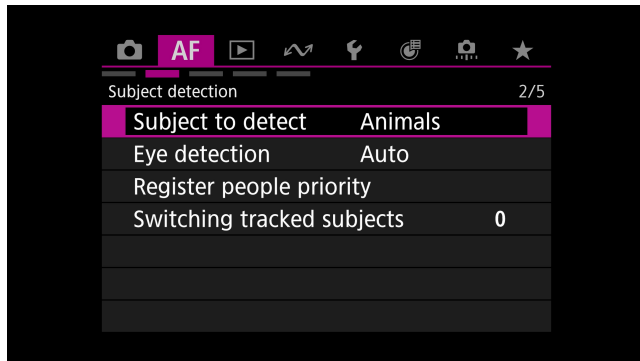
Set Auto pwr off to high to reduce the chance of the camera shutting off.

Shutdown warning - set to OFF



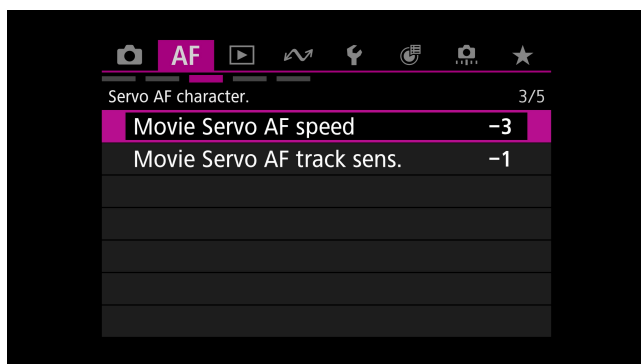
Enable Movie Servo AF to track moving subjects and use whole area AF

VIDEO MENUS OF NOTE

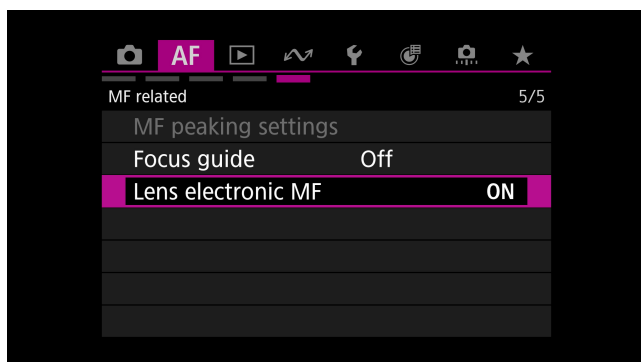


Make subject to detect animals

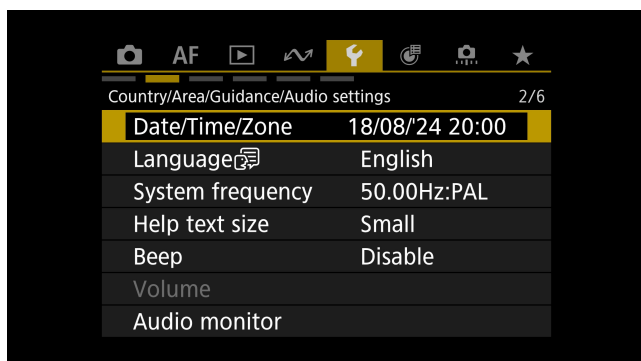
Eye detect should be on auto



Slow down servo AF speed and tracking sensitivity for "stickier" autofocus

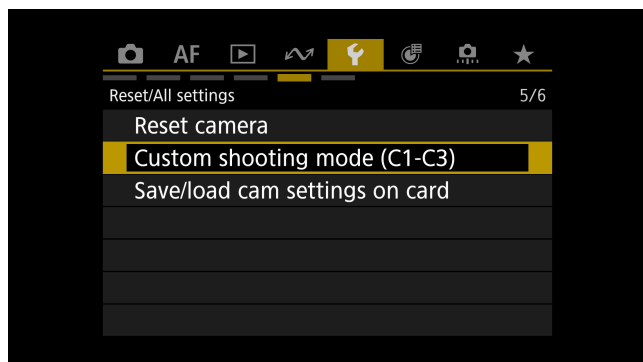


Electronic MF should be set to ON

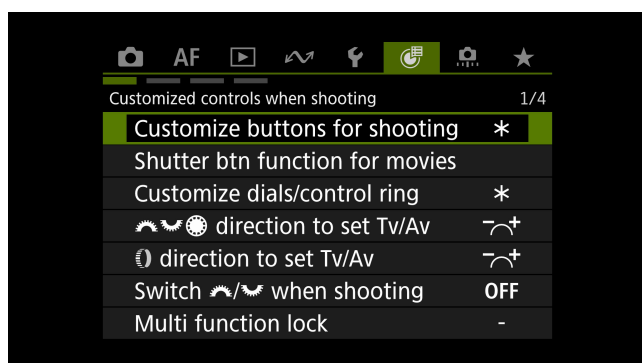


Choose PAL or NTSC based on country / region. Choosing NTSC will enable 30/60/120 FPS option.

VIDEO MENUS OF NOTE

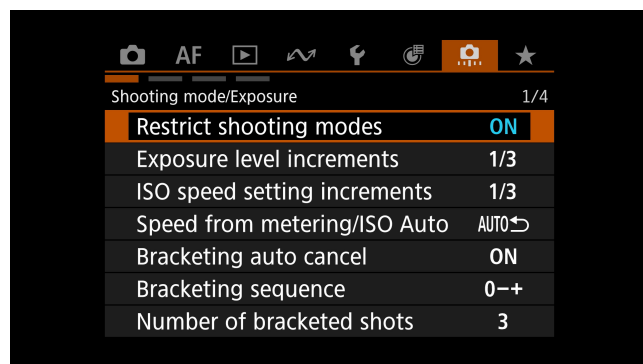


You may wish to create custom video settings for quick access. For example set up C1 to be high frame rate video for when you wish to capture slow motion video, etc.



As with still photos you can assign certain buttons to particular tasks in video mode. This is likely not needed for most nature photographers who are simply capturing short clips.

The only added custom button that is different from the ones set up for still photos is to make the mfn button cycle through the various custom function settings (C1,C2,C3) for easy access.



As in the still modes you can disable certain shooting modes (e.g. TV, P, etc) that you do not use.