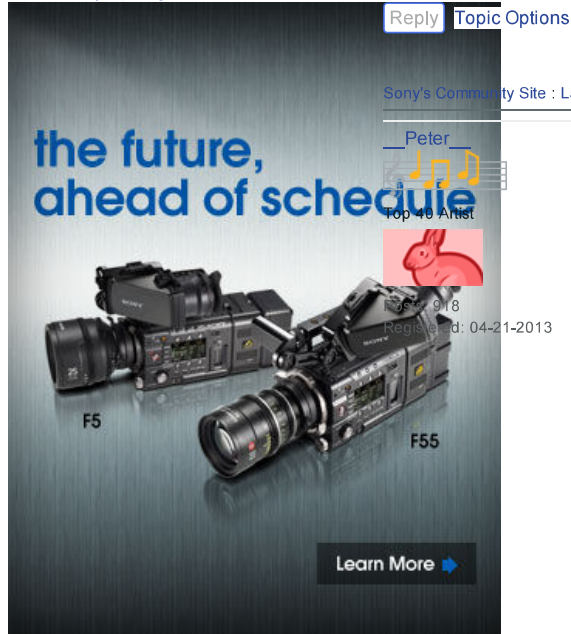




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Sony's Community Site : Large Sensor Cameras : F5 & F55 : **Some things I never really found out**

✓ Some things I never really found out

[Options](#)

07-28-2013 04:55 AM edited {1}

There are a few things in the camera that I never found good information on. The manual is only telling where you can switch what, but not what the actual thing means.

Like for the "APR" (that Alister already explained) you get to know how and where to execute it, but not what it is.

So for me there is left:

- What is "Flare" in the Camera menu
- What is "Noise Suppression" in the Camera menu. What kind of Noise suppression ?
- What is "Aperture" in the Paint menu

And the "File" Menu:

- What is stored in the "All File" - Everything the camera is set to ? Seems not to be the case. What is included ?

- What is stored in the "Scene File" - Seems to be only the "Paint" menu settings. Is that correct ? Why isn't it called "Paint File" ?

- What is the "Lens File" - Obviously one can set certain parameters for different lenses. I suppose You should the always load the setting when changing the lens. But what are all those parameter about ?

Thanks for any explanations, links, ideas and help 😊

__Peter__

Solved! [Go to Solution.](#)

1 Kudo

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07-28-2013 06:50 AM - edited 07-29-2013 09:27 AM

FLARE - this feature is a flare correction feature, it is meant to reduce the amount of lens flare caused by lenses. You can adjust the master setting, plus in addition adjust individual RGB settings as well. I haven't tried it myself, but sure looks interesting to try.

NOISE SUPPRESSION - is noise reduction with LOW/MID/HIGH settings. The camera default is ON and MID. It will control how much noise reduction is enabled by default by the camera processing circuits. Sony is known for exceptionally clean images especially since a great amount of processing is done in camera to eliminate noise caused by sensor characteristics; ie. sometimes in certain colors, hues, or especially dark areas of the image.

APERTURE - this allows you to control the exposure level in small increments in case you want to compensate for different characteristics of lenses, or other reasons.

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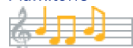
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07-28-2013 07:47 AM edited {1}

Anyone know if noise suppression is applied to raw files?

Cheers.

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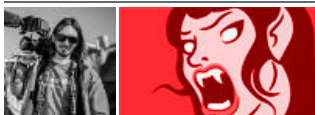
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Peter



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Re: Some things I never really found out [Edited]

Options

07-28-2013 09:57 AM - edited 07-28-2013 10:02 AM

Aperture is not an exposure adjustment.

Aperture is an image sharpening correction that takes high frequencies within the image and boosts them making fine details and textures appear crisper. Detail correction works on contrast, boosting contrast around edges to make the image look sharper adding those horrid black halos around things if it's over done. So Detail makes edges stand out by boosting contrast, while Aperture boosts fine details like textures on fabrics, brickwork, grass etc. Aperture tends to look less electronic than Detail, but also boosts noise which tends to be high frequency and fine, so can make the image more grainy.

Don't know why scene files are not called paint files, but that is what they are, a file containing the paint settings.

An All File stores the scene files, lens files as well as camera operating mode, country area, frame rate, shutter and white balance settings, clip and file naming settings, timecode setup as well as your assignable buttons. It basically allows you to take the user changeable settings from one camera and transfer those same settings to another.

The lens file stores the flare and shading settings for a lens so that when you swap lenses you can recall the settings for that lens. Flare compensates for light that spreads from exposure highlights and leads to a milky looking picture by clamping the black level for each of the R G and B channels whenever the camera shoots bright scenes. Shading adjusts for variations in exposure from top to bottom and left to right (saw) and center out (para) this can be useful for dealing with lenses that vignette or have hot spots in the center.

It's worth noting that the noise reduction is not applied to the raw sensor data. So when shooting raw the images may have more noise than when shooting compressed. The assumption is that when working with raw you would do any noise reduction in post where you have more control. The noise reduction appears to have temporal component that can result in a little bit of extra smear on any motion in the scene, especially at the high setting.

Alister Chapman [FS7 Tutorials and Guides](#) and [F5/F55 Tutorials and Guides](#)



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Re: Some things I never really found out

Options

07-28-2013 10:00 AM edited {1}

Thanks You all, again great help !

I noticed that with the new firmware (1.20) the Detail is set to ON by default. I was pretty sure, that that was not the case so far, because I always thought to myself, of course it doesn't need Detail - it's downsampled from 4K.

So do You recommend to switch it OFF again ?

Thanks!



__Peter__

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Registered: 11-23-2012

Re: Some things I never really found out [Edited]

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07-28-2013 10:14 AM - edited 07-28-2013 10:16 AM

I was surprised to see both Detail and Aperture ON by default when you select S-Log2. For S-Log2 I would turn both Detail and Aperture OFF. As you will be making contrast adjustments in post the apparent sharpness of the image will change anyway, so better to add any sharpening in post after you have done the colour grade.

For the other gammas it really depends on the type of look you want. There is no right or wrong way, it's just a case of which gives the pictures you like the best. The amount of detail correction applied by the F5/F55 is very small. If your going "direct to air" I would almost certainly leave it turned on, I think TV viewers are used to seeing a bit of sharpening and don't like it if you take it all away. If your going for a more filmic look then detail off but leave aperture on with the level raised a little to say +20. This works quite nicely to give a crisp look without obvious electronic enhancement, maybe for action and adventure. Aperture and detail off for a softer look, perhaps a period drama, fashion or romantic look. That's how I like it at least! You can also use dealit to soften the image if you want a very dreamy soft look. Take it down below -23 and the image starts to get softer than it would be with detail off. -50 gives a quite dreamy look, but I'd rather do that kind of thing in post if possible.

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07-28-2013 10:21 AM edited {1}

Thanks Alister!

__Peter__

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