

# A Simple Refresher about SIZING and COLOUR SPACE.

While we are home doing zoom, it may not make a huge difference as you are all viewing images via my screen and the one you use for zoom. When we return to the hall, your incorrect colour space and weird sizing will not be so easily accommodated. Our data projector is set to the specs we ask for and your images may look dreadful. In some cases, with the wrong sizing, it could mean part of your image is cropped off.

So this is a No Frills Guide to our specs. This is just another way of understanding how we prepare our images for digital exhibition.

## Colour Space

There are 3 common colour spaces - ProPhoto, Adobe RGB and srgb. ProPhoto is the largest and srgb is the smallest. What it means is that if you are trying to see all the colours in your image on a screen and you have set it up with a different colour space, the computer needs to decide what to do. In rough terms, it guesses. So maybe you don't see the colours on the club screen as you see at home.

We can control our colour space in our camera and on our computer. We also control it when we send it to the club to view on the data projector.

Best advice is that you set your camera up to capture Adobe RGB. When cameras are sold they are mostly set up to srgb. So if you leave it as srgb it may not be capturing all the colours possible. (I realise this refers to jpeg but best advice is set it up to start and never worry.)

When you edit and when you print, you try to work in the biggest colour space you can. So most of us will work in Adobe RGB.

Images you send to social media will mostly be sent as srgb. That's the best colour space for viewing on the internet.

Our club (and pretty much all camera clubs) request that when you enter digitals you send them as srgb.

If you are not sure what you have been doing, check the information on the images you have sent. It will tell you what the colour space is. It will also tell you the size of both width and height and the file size in kb or mb.

## Sizing

Our data projector suits the sizing our club requests. It doesn't work properly when we change the numbers.

We have 2 numbers. One is for the width and one is for the height.

Some members seem to be confused about this. They try to make the longest side match the biggest number. **That's not how it works.**

Our **maximum width is 1024 pixels**. *Even if the image is a panorama style and is very wide, it must still be set as 1024 width.*

Our **maximum height is 768 pixels**. That is as big as we can go. *Even if the image is a portrait style where the height is much much larger than the width, the height is still only ever able to be a maximum of 768.*

So when you export from Lightroom you put in **both numbers** and your use the drop down under **Image Sizing to be**

**RESIZE to fit WIDTH AND HEIGHT.**

Perhaps some of us have been using Long Edge instead. THIS IS NOT CORRECT.

By using the RESIZE TO FIT WIDTH AND HEIGHT, one of the sizes may be adjusted when you export BUT the width will never be more than 1024 and the height will never be more than 768.

## **Some Examples I just did now from my own catalogue.**

A square image is a good example. I do lots of square images and when I pop the correct numbers into RESIZE to fit WIDTH AND HEIGHT, it will finish up as 768x768. The reason being that the height can be no more than 768 and because it is a square, the width must match.

A Portrait style Pano of 16x9 crop factor when exported with the correct settings becomes 432(w)x768(H)

A Landscape Panorama of 16x9 crop factor when exported will be 1024(w) x 576(h).

### **How big a file can I send?**

We no longer have a maximum file size in our requirements but the reality is we shouldn't really try to send anything above about 1mb.

It's a good idea to check the size before you send it. We often receive some very small images and if we didn't ask you to correct them they will look like a postage stamp when shown on the screen. So always try to make your images above about 150kb. Bigger is better. I think mine are usually 500kb - 800kb. NB My screenshot of LR has the quality set to 100%.

We have included a simple screenshot from a LR catalogue export setting. You may find it helpful when setting up your own Lightroom exports.

NB You should choose your own folder location - perhaps in the original folder can be sensible, or perhaps in a folder where you keep your BMPG entries.

This example does not include extra sharpening but you may wish to tick that box.

You can also choose to rename the file on export.

Once you are familiar with this process, we suggest you use the LHS of the LR screen and save your preset for future use. That section of the screen is not shown here but will be visible in LR on your computer.

Please ask one of the club members if you need any further assistance.

Shirley Steel

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