

IMAGING WORKSHOP COURSE NOTES

Printing in Colour

Getting the colours in your print as they appear on the monitor requires –

1. **A good monitor**, calibrated regularly (*Note – the club has a Spyder calibration device which is available to members*)
2. **Correct printer settings.**

The recommended settings are given below for Epson 1290 printer, Epson printer driver, Photoshop CS5, running on Windows 7. The approach with other printers and versions of PS/Windows will be similar but there may be slight differences

Printer settings

1. From the printer dialog box select the printer
2. Click 'Printer Settings'. In the printer dialog box which appears –
 - Main –**
 - *Media type* – Photo Quality Gloss Film or as desired to match paper used. (Be consistent)
 - *Ink* – colour
 - *Mode* – select custom, then click 'advanced'
 - *Print Quality* – 1440 dpi
 - Microweave – on
 - *Smooth edge* – on
 - *No Colour Adjustment* (very important)
 - 3. Save these mode settings – next time access as custom
 - Paper** – Select paper size and orientation
 - Layout** – I don't change anything here
 - Utility** – use for nozzle check etc. Good idea to do this before each print, especially if printer has not been used for a while
4. Click 'OK' to return to main print dialog box. Here you can adjust margins, centering of image and scale. (*Note – it is not recommended that you let printer mess with scale – better to do this in Photoshop*)
5. At the top right of the Printer dialog box select Colour Management (not Output) and below this select 'document'
6. Below this you will see Colour Management. Select 'Photoshop Manages Colours' – very important This enables you to select a printer profile (see below)
7. Rendering intent- select perceptual
8. Black point compensation- tick the box

Printer profiles

Printer profiles can be down-loaded from the Epson site or from the paper manufacturer's site. There will be some on the disc for the printer driver. For best results use a custom profile. Go to the paper manufacturer's site and down-load a test pattern. Follow the instructions and print out the test

pattern(s) using the print settings desired. Send them off to the manufacturer who will do the measurements and send you (email or on disc) a profile. Install this as instructed and you will then find it in the printer dialog box list of profiles. Select this and print using the print settings used to produce the test sheets. Fotospeed and Permajet will do this for free if you use their paper or a small charge if you use other papers