

Intro to HDR



F29 1/125



F29 1/200



F29 1/300



F29 500



F29 1/800



F29 1/1250

Original midpoint in
range.

Single shot
Untouched

TIF file



Original mid range shot (untouched)

HDR using midpoint
and extreme shots
Using Photoshop HDR





Photoshop hdr using 5 shots, -1.5EV through to +1.5EV. (loses cloud detail & clarity)



EfexPro HDR merge using 5 shots with -1.5EV through to +1.5EV



Efex pro HDR merge using 5 shots, -1.5EV through to +1.5EV with mid range boost in levels



Photomatrix HDR using 5 shots -1.5EV to +1.5 EV (range not wide enough to capture clouds)





Single shot

Non HDR

1/125th second

f/8

ISO 400



**Black Country
Museum**

**2 ND circular
polariser**

8ND Filter

F22

ISO 100

**3 Exposures
-2EV 0EV +2EV**

10 secs

2.5 secs

40 secs

**Allows cutting out
moving objects**



**A typical record shot on a
day out excursion.**

Single shot

1/200 sec

f/8 aperture

ISO 400



Single shot HDR

Photomatix has many inbuilt format choices.

They allow different atmospheres to be added to a picture.

This style is called

‘Painty 3’

They can be saved as jpg or tiff

TIFF is non lossy but the files are enormous

Around 80 – 90 MB

But worth it





Photomatix
ToneMapped to
Painterly 3

Single shot

Causes aberration in
parts

Used circular polarizer



Original jpeg

Single shot
No aberration

Used circular polarizer



Photomatix
Tonemapped
Balaced

Single shot

No noticeable
aberration

Used circular polarizer



**Photomatix
Tonemapped
Balaced**

**Triple shot
Hand Held**

**Look at dustbin lid on
left**

Some aberration

Used circular polarizer

**USE A TRIPOD FOR
HDR!**



**Photomatix
Tonemapped
Natural**

**Triple shot
Hand Held**

Look at dustbin lid on left

Minimal aberration

Used circular polarizer

**Less surrealism
Probably best for
natural effect
It was a pretty dull day**



Which software to use

Effex Pro 2 versus Photomatix Essential

EffexPro 2

Free

Only use jpeg

Not as sharp

Not as good
with ghosting

Not as many
style options



PhotoMatix
Essential

Not Free

Use RAW, PSD,
TIFF, JPG

Sharper

Good with
ghosting

Many style
options





More on Photomatix in a future session