

Microsoft's Gift for Photographers

a little CRC...

Panoramic photography is everywhere these days. The new popularity of panoramas is thanks to phone cameras and newer digital cameras automating a once difficult process. You set your camera on panorama mode and pan across a whole scene. The device takes multiple photos as you move your camera and then stitches all these photos into a single gigantic image.

In the good old days photographers had to manually (or digitally) piece together multiple photos. Where two photographs joined a lot of careful patching was required.

However you don't need an iPhone X to play with panoramas. Any old digital camera will do. Just take multiple photos of a single scene, moving the angle slightly between each photo. And now for the trick... intelligent software will take care of the rest. Load your photos into a panorama stitching program and the software will fit your photographs together, and make a very good attempt at patching up joins and gaps.

Microsoft Research now have a simple yet advanced Windows panoramic image stitcher program available for free:
www.microsoft.com/en-us/research/product/computational-photography-applications/image-composite-editor/

If that web address looks too long, type this phrase into your google search box: *microsoft image composite editor*

Panorama techniques are not just for creating loooooong 360 degree images. Use panoramic stitching to increase the field of view and the resolution of any scene you want to capture. Create a grid pattern of nine (or more) photos pointing the camera in slightly different direction each time.

You will soon learn a few tricks like:

- Overlap your images and take more than you need
- Avoid moving subjects (or make use of them if you want really weird results!)
- Try not to move the camera too much as you point it in different directions (or use a tripod)

The resulting images will likely be so large your computer will slow down to a crawl as you view them. Perfect! This is the result you are looking for. You now have very large and detailed images (we can print them for you at NCRC).

Imagine the 1970's tropical beach scene on your lounge room wall... except now you can get out your magnifying glass and see every grain of sand.

Live Music Screening in Northcliffe! Great company, a big screen and big sound system.

16 DECEMBER
7.30PM

Northcliffe Community Resource Centre

WASO
West Australian Symphony Orchestra

FREE EVENT

SYMPHONY IN THE CITY

SCREENED LIVE VIA WESTLINK

Join people around the state for an evening with WASO and the WASO Chorus as they perform audience favours including Tchaikovsky's explosive *1812 Overture* and much more, streamed live from Perth!

Wesfarmers Arts Principal Partner | Lotterywest | City of Perth | The West Australian | PERTH | Lotterywest | Government of Western Australia Department of Culture and the Arts

The free regional broadcast is supported by Lotterywest

OPTIONAL BRING AND SHARE DINNER FROM 7PM AT THE NORTHCLIFFE CRC
BROADCAST STARTS 7:30PM SATURDAY 16 DEC 2017

OPERA IN THE PARK COMING UP 3 FEB 2018

**Northcliffe CRC
CHRISTMAS
CLOSING**
CENTRELINK customers please note!

We are closed from Christmas to New Year.

**Last day open:
22 December**

**Reopening:
2 January.**

Public Holidays:
25th 26th Dec,
1 Jan

Additional Closed Days:
27th, 28th &
29th Dec

Monday, Tuesday, Wednesday 10 am to 5 pm • Thursday 10 am to 6 pm • Friday 9 am to 6 pm

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We are a not-for-profit organisation supported by the Northcliffe Community and DPIRD:



Department of Primary Industries and Regional Development