

**SOPHIE  
GANNON  
GALLERY**

**DESIGNWORK 04**

**DALE HARDIMAN &  
STEPHEN ROYCE**

**OPEN GARDEN**

**11 – 28 MARCH 2020**

Constructed from over 100 broken mobile phone LCD screens, *Open Garden* explores the reanimation of discarded technology and our disassociation from the complex materials of devices that are increasingly becoming more ingrained within our lives.

For *Designwork 04*, Hardiman and Royce have developed a method which allows the LCD panels from common handheld devices to be controlled, establishing a new surface to create from.

The exhibition title refers to the 'walled garden', a term used to describe a closed system that prevents technology to be freely used by the owner of the device. Presented as a series of lighting and reflective pieces, *Open Garden* projects a glow synonymous with handheld devices.

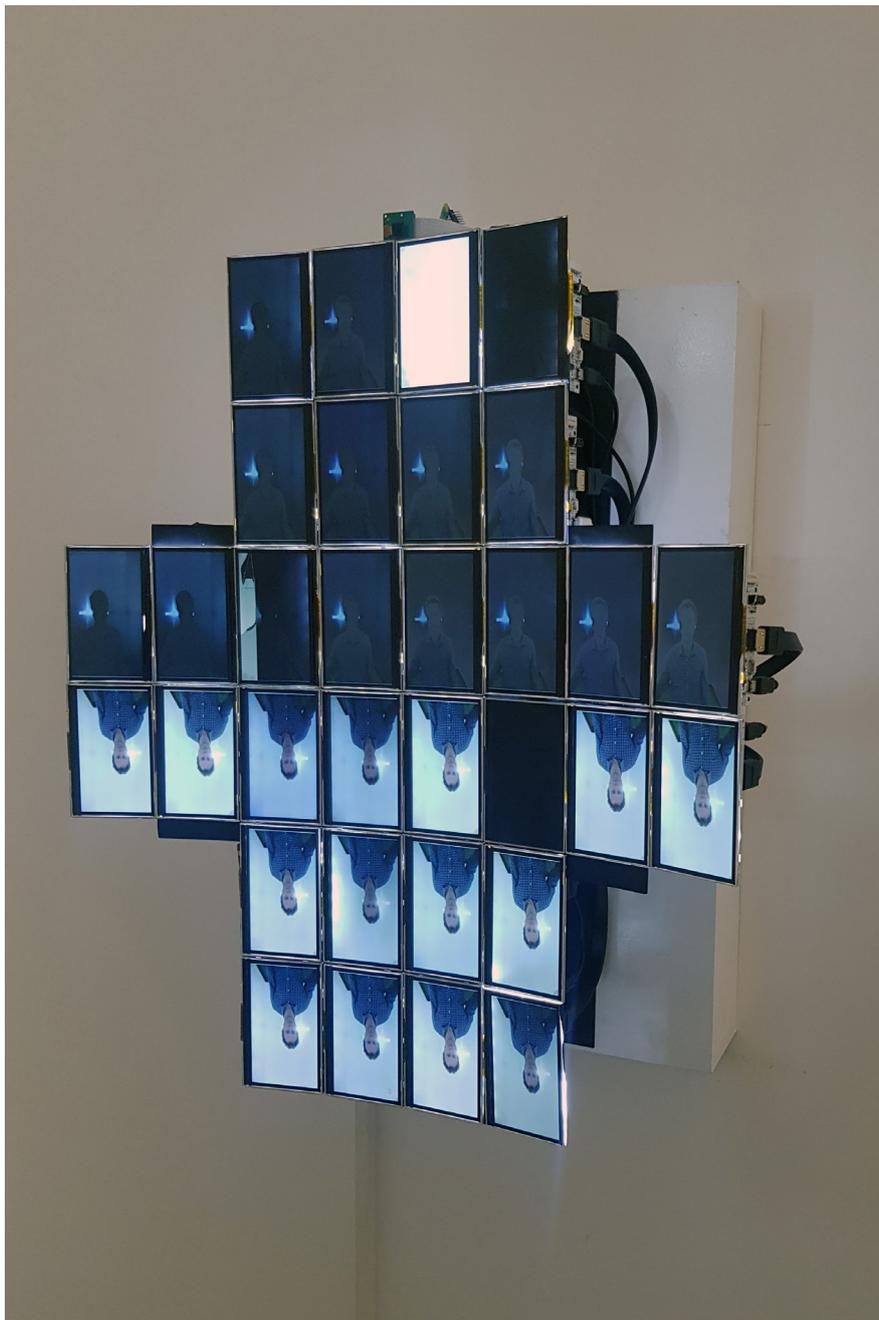
The LCD panels utilised for *Open Garden* are sourced from post-consumer waste products from phone repair businesses, which, instead of recycling the materials, usually place them directly into landfill.

Each of the presented outcomes react to different functions of the handheld device.

*Designwork 04* is part of Melbourne Design Week 2020, an initiative of the Victorian Government in collaboration with the National Gallery of Victoria.  
[designweek.melbourne](http://designweek.melbourne)

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**Dale Hardiman and Stephen Royce**

*Digital Mirror 2020*

miscellaneous LCD panels, Raspberry Pi 4 Model B, Raspberry Pi camera 1.3, custom circuit board, HDMI splitters, USB power bank, steel

80 x 50 cm

\$11,700 incl. GST

Made up of 32 LCD panels, *Digital Mirror* utilises a single camera which displays your reflection real-time across all panels individually. *Digital Mirror* has been programmed with facial recognition, similar to that of your mobile phone camera, tracking human faces.



**Dale Hardiman and Stephen Royce**

*Convex Chandelier, iPhone 8 2020*

23 LG and Samsung manufactured iPhone 8 LCD panels, Arduino Uno, custom circuit board, steel

31.5 x 97 x 97 cm (height from ceiling variable)

\$6,400 incl. GST

Image courtesy National Gallery of Victoria. Photography by Tom Ross.



**Dale Hardiman and Stephen Royce**

*Convex, iPhone 8 2020*

LG and Samsung manufactured iPhone 8 LCD panels, Arduino Uno, custom circuit board, steel

96 x 6 x 31 cm

\$ 3,900 incl. GST

Reacting to movement, *Convex, iPhone 8* reacts based on proximity to the object.

Image courtesy National Gallery of Victoria. Photography by Tom Ross.



**Dale Hardiman and Stephen Royce**

*Concave, iPhone 8 2020*

LG and Samsung manufactured iPhone 8 LCD panels, Arduino Uno, custom circuit board, steel

6 x 98 x 34 cm

\$3,900 incl. GST

Image courtesy National Gallery of Victoria. Photography by Tom Ross.

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