CARDINIA CULTURAL CENTRE

Technical Specifications

Gallery - Cardinia Cultural Centre

2024

Technical Supervisor
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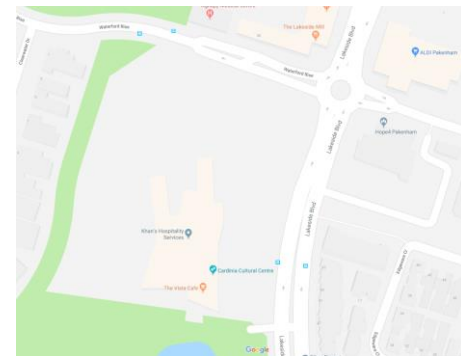
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General Information

Opened in November 2019, CCC Gallery is a vibrant new art-space featuring curated traditional, digital and new-media exhibitions and installations by leading practice and emerging artists. This one-of-a-kind gallery delivers both majesty and intimacy through the clever architectural design and savvy technological assets, allowing for a multi-dimensional arts experience. Cardinia Cultural Centre is currently developing a program of exhibitions, performances, events and artist residencies to engage local residents and visitors from further afield too.

Enquiries

For all enquiries regarding the CCC Gallery, please contact us on 1300 887 624 or email
ccc@cardinia.vic.gov.au

Location & Access

Cardinia Cultural Centre is located at 40 Lakeside Boulevard, Pakenham, Victoria. CCC Gallery is located next to our Gallery Foyer entry. The venue is flat and stair access is not required. We have a dedicated car park that is free of
charge with access from Waterford Rise. Alternatively, take a train on the Pakenham line and get off at the Cardinia Road station. From there it's a short 20min walk along Shearwater Boulevard.

Gallery Space

A rectangular shaped room with end walls that are off angle from each other. The crush space foyer end (southern) has a large glass operable wall that opens into the Gallery. The roof in this area is at a single height across and as you work your way into the Gallery the roof opens into a sawtooth configuration. Towards the northern end is the main rated hanging structure.

The space also has a water supply and drainage at the northern end as well as floor boxes throughout with power and Cat VI tie lines.

The main hanging space has patching points for Cat VI and Fibre points going back to the control rack for patching of Audio-Visual signals direct to the projectors via HDbaseT, allowing the space to be used for both visual art or digital media or both. The perimeter walls have a track hanging system (Gallery Hanging System) for the hanging of visual art and track lighting. We also have eight movable display walls with the same hanging system.

There is also a dedicated loading dock with storage areas well as a workshop area.

Screwing into the floor surface is NOT Possible.

Room Dimensions

9.6m x 24.4m   Roof height lowest point 3.17m
Rigging grid height 4.82m
Hanging rail height 2.88m

Drapery

Custom made Cyclorama for Truss White A continuous drape 15m wide by 3.4m drop White Filled Cloth (used in a 'U' shape) - An opening in the pipe pocket at the 4500mm in from each end to feed the straight rear section in mid drape with Tail Battens to suit

Climate Control

The CCC Gallery is fitted with a temperature set climate-controlled HVAC system controlled by our building management system. Our technical team have access to the control of the system for adjustment.

Floor

Black Gloss epoxy finish concrete

Lighting

House Lights

A mixture of LED strip architectural lighting that has dimming control and can be programmed by our technical team. Lighting includes side wall ascent; Coffer infills and visual art track lighting. Isolation for Atmospherics is not possible,

Mobile Display Boxes

We also have **Mobile Display Boxes** for visual art with lighting track that fit the same track lighting fixtures as around the perimeter of the room. These can be hot powered from the floor boxes. They are **1240mm wide x 955mm long and 2380mm high**. There is 8 Boxes

3-Phase Power

1 x 20 Amp 3 phase at the northern end

Audio

Control & Amplification

The Audio is distributed by a Q-Sys analogue and digital audio distribution system integrated with a Crestron media system for video integration.

We have two custom-built Dell gaming spec desktops which is capable of outputting to five displays at 1080P as well as to the desktop monitors at 4k at the same time.

PC 1

- 9th Gen Intel® Core™ i9 9900K (8 core, 16 threads, 3.6ghz)
- Dell 0Y2K8N Motherboard, Precision 3630 Tower
- Dual NVIDIA® GeForce® RTX 2080 SUPER™ 8G video card
- 32GB Dual Channel HyperX™ FURY DDR4 XMP Ram
- 1TB M.2 PCIe NVMe SSD (Boot) + 2TB 7200R (storage)
- Dell 24 Gaming Monitor - S2419HGF

PC 2

- 11th Generation Intel Core i9-11900K (8 Core, 3.5 GHz to 5.3 GHz)
- Dell 0NDYHG Motherboard, Precision 3650 Tower
- Nvidia GeForce RTX 3090, 24GB, 3DP, HDMI (Precision 3650T)
- 64GB, 2x32GB, DDR4 UDIMM non-ECC memory
- 2TB M.2 PCIe NVMe SSD (Boot) + 4TB 7200r HDD (Storage)
- Dell UltraSharp 32 4K USB-C Monitor - U3219Q

Video output is converted either to Multi-mode Fibre and transmitted to a Multi-mode Fibre receiver and into the projector via SDI or into HDbaseT signal and transmitted via Cat VI into the Gallery and directly connected to the Projector which is HDBaseT capable.

Audio can be soundscape mixed and sent via Virtual Dante from the computer through to the Q-Sys distribution system where we can provide direct routing to the individual speaker point locations. This provides great flexibility in sending your source to specific locations in the gallery space for zoning or spatial sound effects.

Control Inputs

Located in the northern and southern end of the Gallery or at the main control rack.

Gallery Inputs include
1x HDMI
1x RCA (Stereo)

1x 3.5mm Mini Jack
1x 3pin XLR

Speakers

8 x Meyer UP-4slim (16 x speaker locations available for a full soundscape)
2 x Meyer MM-10AC Subwoofer

Audio Visual

Display Panel

4 x Epson EBL1100UNL Projectors
1 x Epson EBL1300UNL Projector

Hearing Loop

Wi-Fi based application Listen Everywhere room selectable

Rigging

Hoist Equipment

4x Motorised Chain Hoist EXE RISE - D8+ - Double Brake - 4m/min - 250kg
1 x 4-Way Motor Controller.

All rigging requirements must be discussed and approved with the Technical Supervisor prior to your Event.

Truss

25 x Litec QX30SA 300mm End Plated Box Truss - 1.5m
2 x Litec QX30SA 300mm End Plated Box Truss - 1m
2 x Litec QX30SA 300mm End Plated Box Truss - 0.5m
9 x Litec QX30SA 300mmEnd Plated Box Truss - 6 Way Cube

Equipment Available (Production Dependant)

Access Equipment

Elevated Work Platform: JLG 20MVL motorised vertical lift
Maximum Platform Height: 7.45m
EWP Operating Restrictions: Operators must be licensed. Must have a licenced operator as well as a licensed spotter

Ladders: 1 x 2.4m Fiberglass double sided step ladder

Additional Production Equipment

Additional production equipment is available upon request.
Our venue has a range of equipment covering sound, lighting, and vision.
Please contact our technical department in advance to discuss your requirements.

Network

The Gallery does have patching both via Cat VI and Fibre to other areas in the centre if your event requires connectivity to other locations within the cultural centre. Our technical team can assist you with this connectivity as well as to the main rack for projection sends via HDbaseT direct to the projector.

Internet Access

Yes, Public WIFI

Attachment A – Gallery Floor Plan