

USER MANUAL - ARCHITECTURAL VIDEO PROJECTIONS

CENTRE DE DESIGN (UQÀM)

QUARTIER
DES SPECTACLES
MONTREAL



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MONTREAL

LIGHTING PLAN MANAGEMENT

Quartier ds Spectacles Partnership

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PROJECTION SITE

Centre de design (UQÀM)

1440 rue Sanguinet
Montréal (Québec)
H2X 3X9

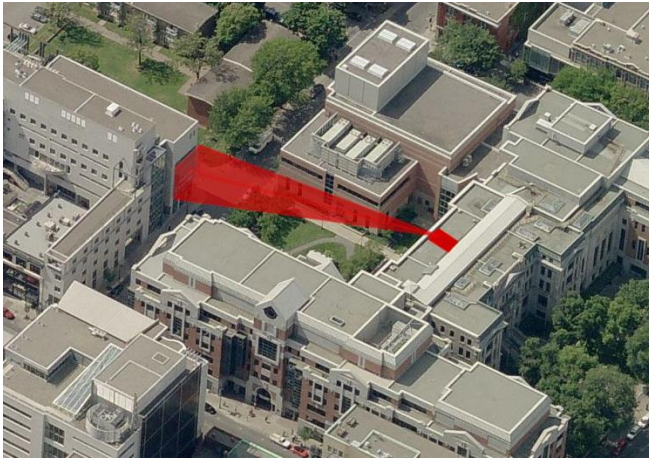
Anticipation 1 et 2 (2011) - Emmanuel Mauriès-Rinfret



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1. CONTEXT

1.1. The site



2. EQUIPMENT

This section refers to all available and permanently installed equipment. The equipment is sheltered 365 days a year by autonomous climate-controlled (heated, air-conditioned, ventilated) housing. All equipment is remotely controllable (see sections 2.2 through 2.4).

** Please note that equipment availability may be subject to change.*



2.1. Projection equipment

One (1) projector Christie 30 000 Lumens. The projector display a 4:3 image in portrait mode.

2.2. Server

One (1) *Tachyon Player* video server is used. It's equipped with two DVI outputs and one *Single Link (SL)* capture card with local DVI input for live streaming. (See section 3.3)

** N.B.: Live video signal equipment is not provided by the Partnership.*

2.3. Control systems

A centralized Qsys control system is installed at the control room. It enables to remotely control the opening and closing of the projectors as well as the cues.

2.4. Network infrastructures

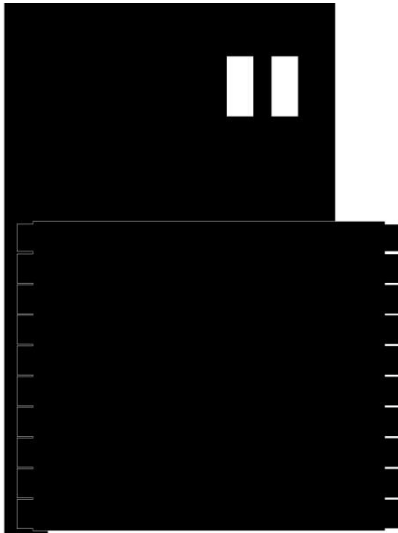
A network connection (fiber optics) between the video projections sites and the Partnership's control center enables remote control of the systems.

2.5. Supplemental information

Projectors	(1) Christie 30 000
Power (lm)	30 000
Effective Resolution	1048 x 1400
Orientation	Portrait
Coverage (m)	13.56 x 18
Estimated Intensity (ftc)	6.1
Estimated Intensity (Lux)	65.6

3. CONCEPTION

3.1. Projection surface



*** See the exact pixel map appended*

3.2. Resolution, audio and video format - Playback

The native resolution of the projection surface is **1048 x 1400**. The resolution of the artwork may be less, however, is **must conform to the ratio** at all times. Video files must be in QuickTime format. Please refer to the table below for the correct export settings.

<i>Video Format</i>	QuickTime (.mov)
Accepted codecs	None / Animation / PhotoJPEG / Pro-Res
Colours	Millions ou Millions+ (alpha)
Horizontal Resolution	Multiple of 8 compulsory
Vertical Resolution	Multiple of 2 compulsory
Frame-rate	30 fps
<i>Audio Format</i>	WAV / AIFF / MP3
Sampling	48kHz / 24 bit
Normalization	0dB

3.3. Video resolution and format - Live Input

Format:

1080p

Frame rate:

30fps

3.4. Masks

A mask covering the windows and certain architectural details of the building is integrated in the servers to avoid any light reflecting off of the windows and, above all, to keep the projection from reaching the interior of the building (light intrusion), the latter possibly disturbing the occupants.

** IMPORTANT: The mask provided is only a reference point and **should not be included in the final export**. Remove it once your video is complete and before exportation. The mask will be automatically applied by the video servers.*

3.5. Hard Drive formatting

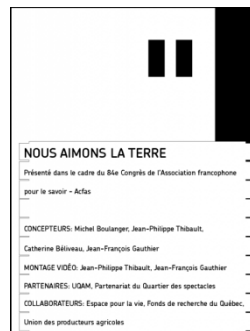
If you choose to submit to us your artwork and files on a hard drive, it's absolutely imperative that the hard drive be formatted to **Windows**

3.6. Uploading

You can upload your artwork and files through WeTransfer on this link: <https://pqds.wetransfer.com>

3.7. Credits

The credits **shall not** be included in the artwork. The creator must send information about the credits to the PQDS team and a standard credit will be generated.



* Exemple of a normalized credit.

3.8. Compartmentalizing

Your file must follow the following file naming convention: Surface_Project_Dates of projection (or test)

and if you have more than one file:

01_Surface_Project_Dates of projection (or test)

02_Surface_Project_Dates of projection (or test)

No accents or special characters.

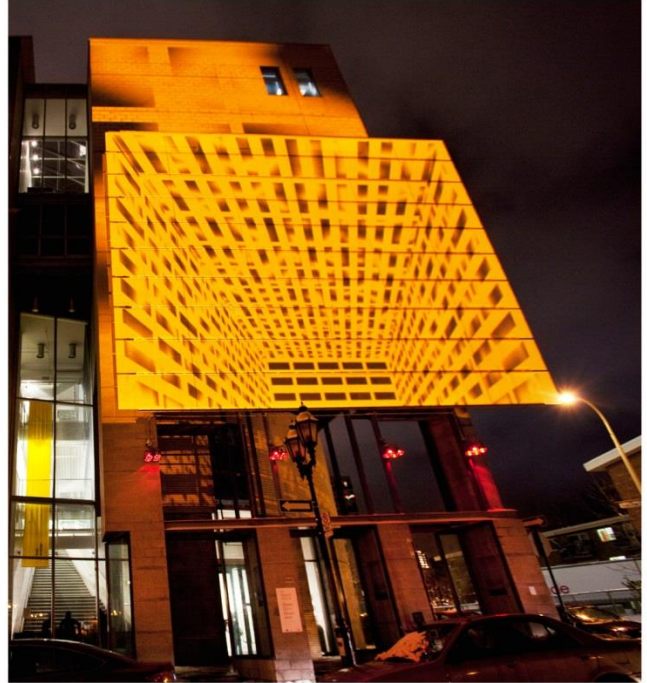
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4. PHOTO GALLERY

* <http://www.flickr.com/photos/quartierdesspectacles/>

Anticipation 1 et 2 (2011) - Emmanuel Mauriès-Rinfret



Dérápéage XIII (2013) - Jean-Philippe Fauteux, Daniel Faubert, Francis Thériège

