

USER MANUAL - ARCHITECTURAL VIDEO PROJECTIONS  
BIBLIOTHÈQUE D'ARCHIVES NATIONALES DU QUÉBEC

QUARTIER  
DES SPECTACLES  
MONTREAL



## LIGHTING PLAN MANAGEMENT

### Quartier ds Spectacles Partnership

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## PROJECTION SITE

### Bibliothèque d'Archives Nationales

475 Boulevard de Maisonneuve Est  
Montréal (Québec)  
H2L 5C4

Parcours numérique (2012)



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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

The projection equipment consists of a projector and a screen. The projector is a high-resolution digital projector with a resolution of 1920 x 1080 pixels. The screen is a high-resolution digital screen with a resolution of 1920 x 1080 pixels. The projector and screen are connected to a computer system.

## 2.2. Server

The server is a high-performance server with a minimum of 8 GB of RAM and a minimum of 1 TB of storage. The server is connected to a network and is used to store and manage the video projection data. (See section 3.3)

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

## 2.3. Control system

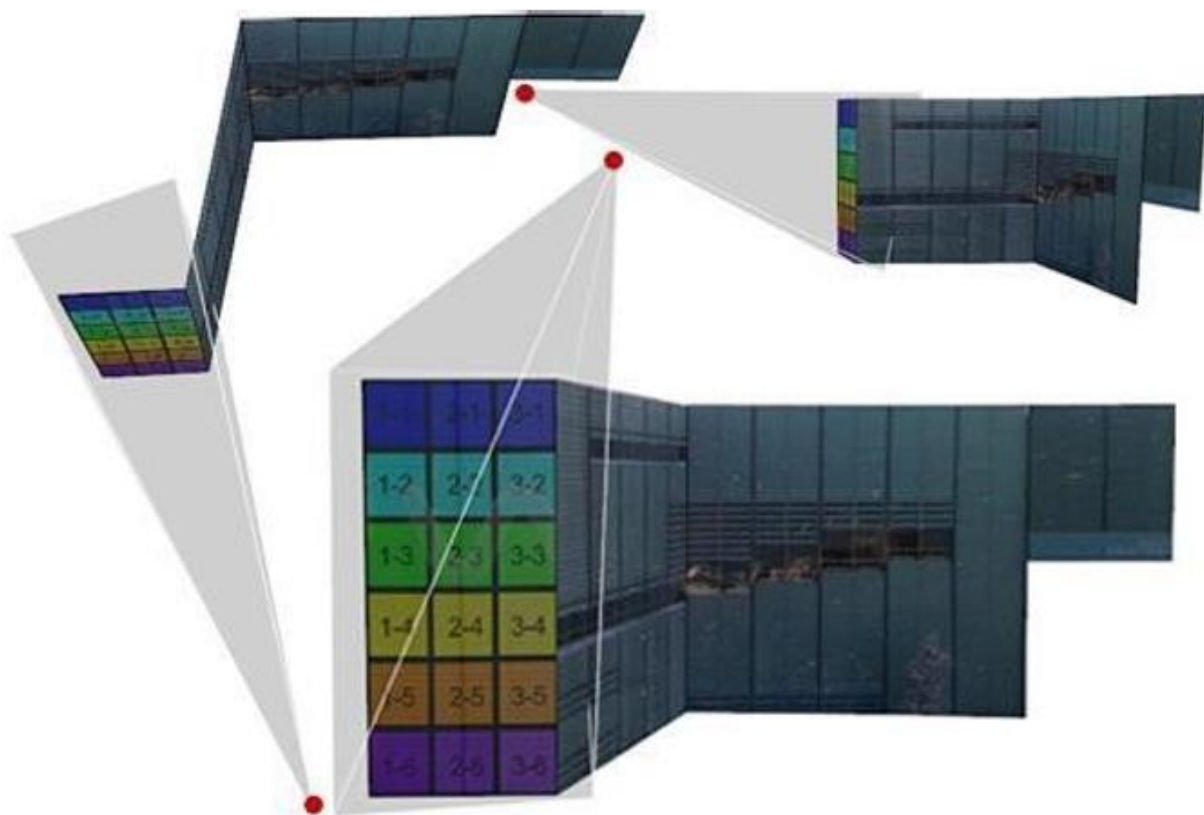
A control system is installed in the video projection site. The control system is used to manage the video projection equipment and the server. The control system is connected to the projector, the screen, and the server.

## 2.4. Network infrastructures

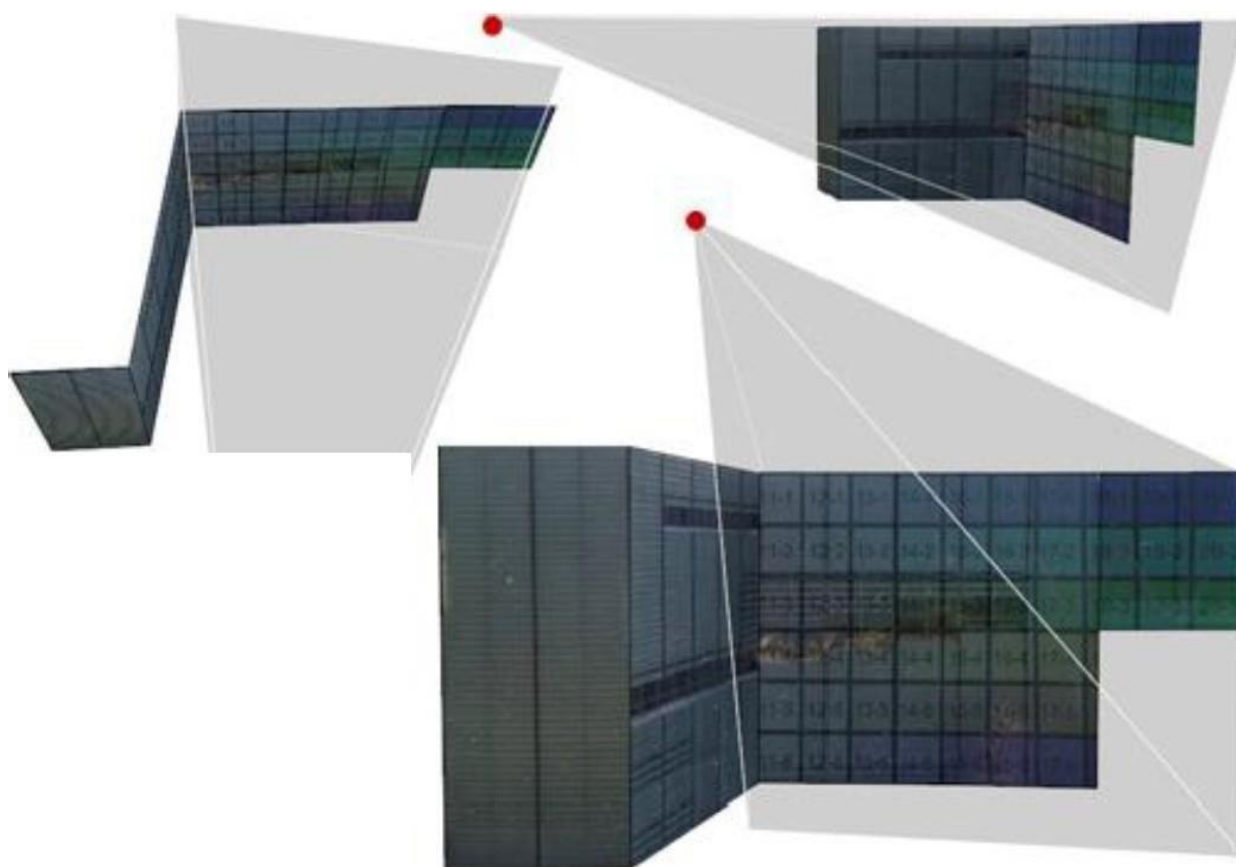
A network connection (fiber optics) between the video projection sites and the Partnership's control center enables remote control of the systems.

2.5. Gi dd`Ya YbHJ`]bZfa U]cb

SURFACE A



## SURFACE B

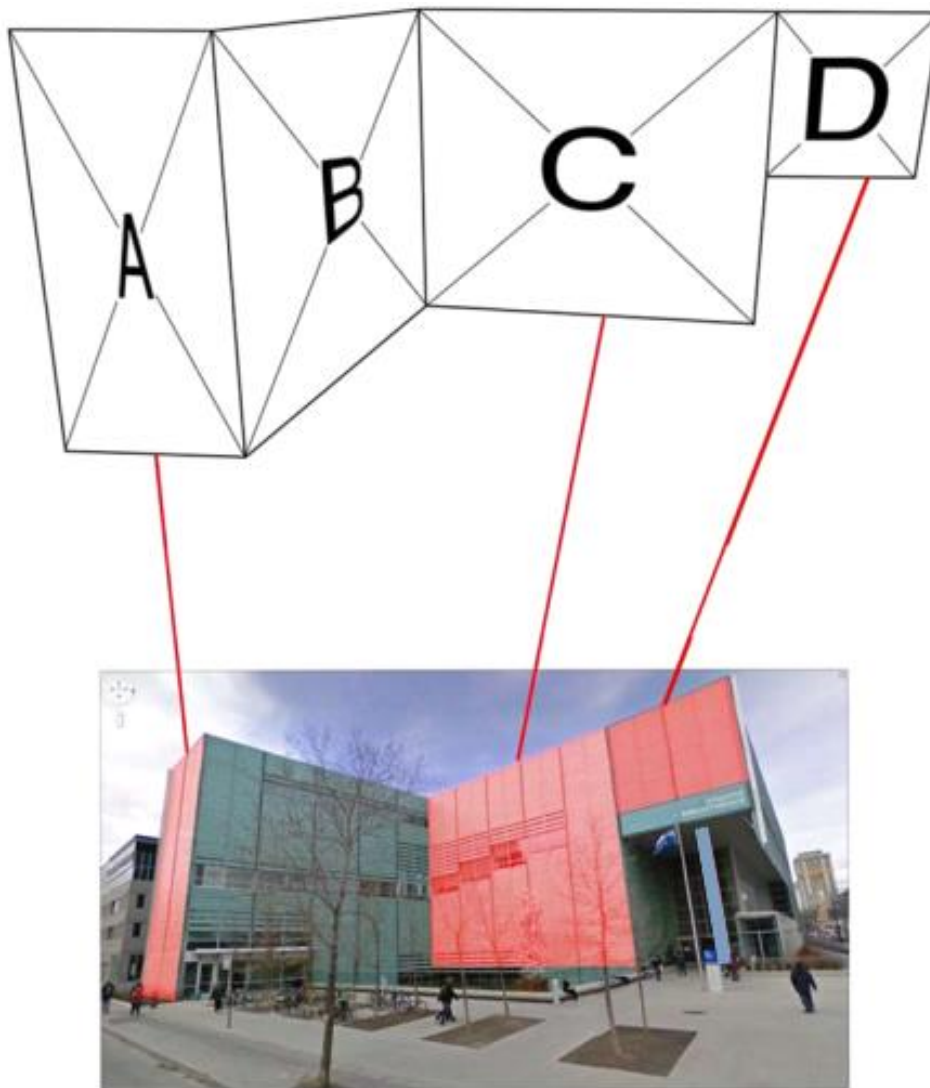


## TOTAL HQT'DQVJ 'QH'VJ G SURFACES

ProjectOR	(3) Panasonic PT-RZ34KU
Power (lm)	32.000
Résolution	2280 X 1920
Coverage (m)	40,83 x 20.47

### 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 **2280 X 1920**. The resolution of the artwork may be less, however, it **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.

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

### 3.3. Video resolution and format - Live Input

```
: cfa Uh .....%$, $d
: fUa Y'fUHY. .... $Zdg
```

### 3.4. Mask

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

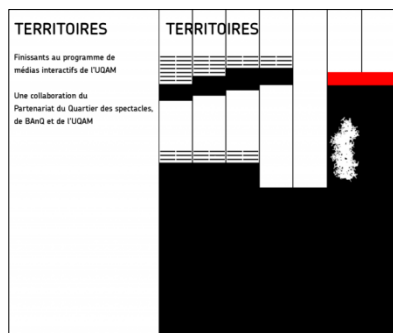
If you choose to submit to us your artwork and files on a hard drive, it's absolutely imperative that the hard drive be formatted to NTFS.

### 3.6. Uploading

You can upload your artwork and files to 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. File naming convention

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)

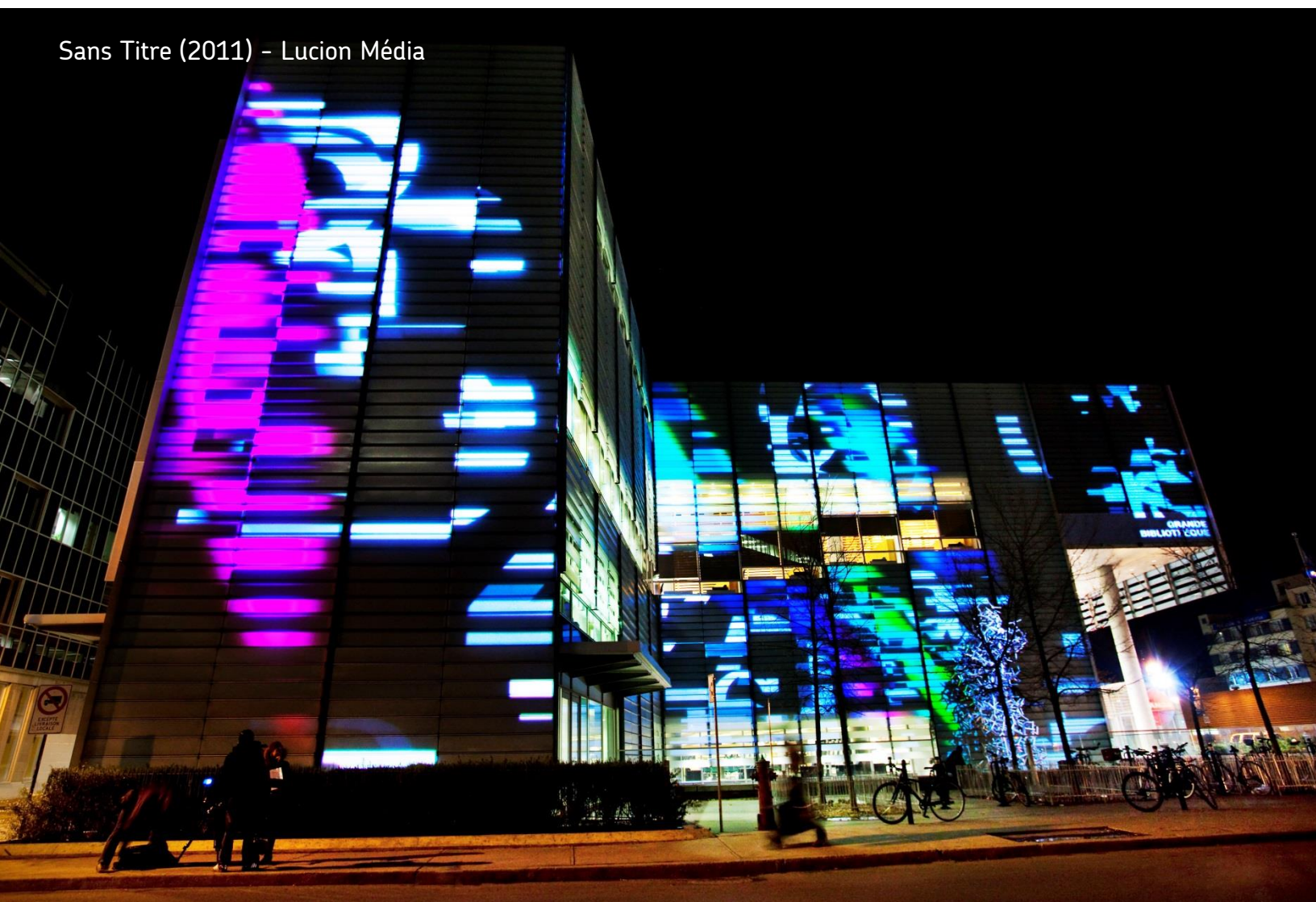
02\_Surface\_Project\_Dates of projection (or test)

No accents or special characters.

#### 4. PHOTO GALLERY

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

Sans Titre (2011) - Lucion Média



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Sans Titre (2011) - Alexis Laurence



Sans Titre (2011) - Alexis Laurence

