

Installation: Two-channel version

A schematic representation of the installation is shown in the next figure. Detailed description follow. Contact us if you are interested and need technical advice for setting it up.

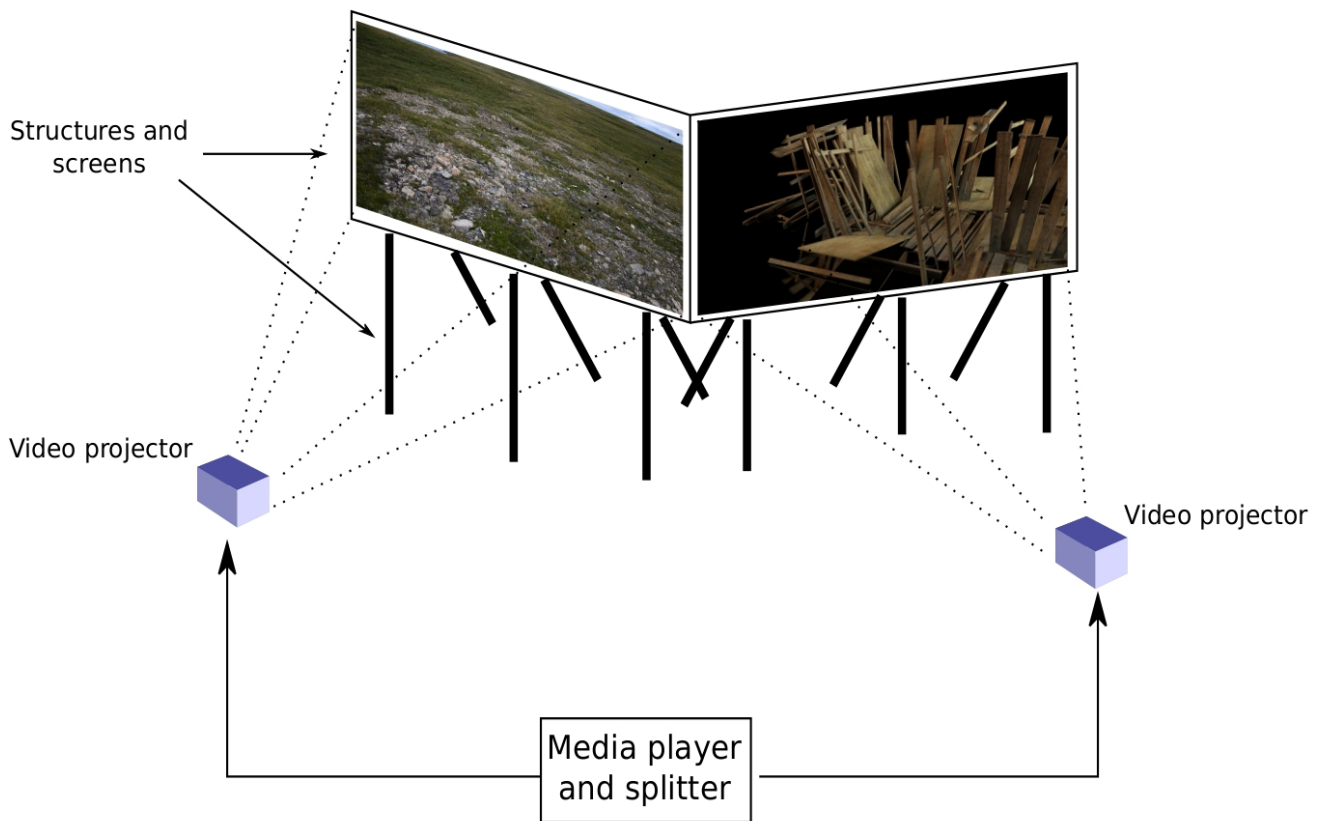


Illustration 1: Schematic representation of the two-channel installation version

- The two-channel version of the installation corresponds to the ideal presentation mode. The two-channel must be perfectly in-sync to emphasize the camera movement correspondence between to two channels.
- The actual installation is made from two side-by-side screens (16:9 ratio). Both screens have the same size.
- The video is made from a single double HD video (master resolution: 3840x1080, but can be provided at other resolutions).
- Screens should be installed on one or two supporting structures, or walls, etc.
- Ideally, the two screens should not be parallel (see the above schematic representation). Angles between 5 to 20 degrees are desirable.
- One projector should be used for each of the two screens (if not possible, see the one-channel installation version below).
- A single media player (capable of 4K) reads the master video file and an hardware device splits

the videos (left and right). An example is the Matrox DualHead2Go or the TripleHead2Go¹. This piece was tested successfully for more than 15 days with a TripleHead2Go with Display Ports inputs and outputs.

- Two versions are available, the one-hour version and the 18-minute version. The 18-minute version includes a sound track (two-channel) and is more intended for indoor presentation.
- An example of outdoor two-channel version is shown below.



Illustration 2: Example of two-channel video installation version of The Phantom Production - La production fantôme.

Flexible parameters for the two-channel installation

Based on the presentation context, the two-channel version can be adapted. See below. Note that they are provided in increasing order of importance (the first in the list should be the first sacrificed):

1. Angle between the screen, from 5 to 20 degrees, if possible. If impossible, parallel screens could work.
2. The original video resolution 3840x1080 that requires two HD projectors can be replaced by others such as 2560x720 or 2560x768. Ask us for other resolution.
3. The screens should touch each other. If impossible, they could be separated, as long as they share the same sizes.

1 http://www.matrox.com/graphics/en/products/gxm/dh2go/digital_se/

Installation: Single-channel version

The single-channel version is intended for single projector presentation. A schematic representation of the installation is shown in the next figure. Detailed description follow. Contact us if you are interested and need technical advice for setting it up.

- The single-channel version of the installation corresponds to the second ideal presentation mode. Since this version involves a single projector and a single media player, the hardware requirements are less intense. Also, this version circumvents any sync issues.
- The actual installation is still made from two side-by-side screens (16:9 ratio). Both screens have the same size and are parallel. Therefore, they can be fused as a single wide screen.
- The video is made from a single HD video (master resolution: 1920x1080, but can be provided at other resolutions)
- Screens should be installed on one or two supporting structures, or walls, etc.
- Ideally, the two screens should be parallel to avoid any distortion of the image.
- One projector should be used for the diptych single-channel version.
- A single media player (capable of full HD) reads the master video file and sends it to the video projector.
- Two version are available, the one-hour version and the 18-minute version. The 18-minute version includes a sound track and is more intended for indoor presentation.

Flexible parameters for the single-channel installation

Based on the presentation context, the single-channel version can be adapted. See below. Note that they are provided in increasing order of importance (the first in the list should be the first sacrificed):

1. The original video resolution 1920x1080 that requires one HD projector can be replaced by others such as 1280x720 or 1280x768. Ask us for other resolutions.

Projection: Two-channel version

An example of projection of the work is shown below. Detailed description follow. Contact us if you are interested and need technical advice for setting it up. For projection, we suggest the use of the 18-minute version with sound.



Illustration 3: Example of two-channel projection version of the piece (InFuture, Cinesphere, Toronto, Canada).

- The two-channel version of the projection corresponds to the ideal projection mode.
- The actual projection is made from two side-by-side videos (16:9 ratio). Both videos have the same size.
- The video is made from a single double HD video (master resolution: 3840x1080, but can be provided at other resolutions).
- One projector should be used for each of the screen (if not possible, see the one-channel projection version below).
- A single media player (capable of 4K) reads the master video file and an hardware device splits the videos (left and right). An example is the Matrox DualHead2Go or the TripleHead2Go². This piece was tested successfully for more than 15 days with a TripleHead2Go with Display Ports inputs and outputs.
- We suggest to use the 18-minute version that includes a sound track and is more intended for indoor projection.

² http://www.matrox.com/graphics/en/products/gxm/dh2go/digital_se/

Projection: Single-channel version

The single-channel version is intended for single projector presentation. An illustrative representation of the projection is shown in the next figure. This version involves the less technical requirements. Detailed description follow. Contact us if you are interested and need technical advice for setting it up.

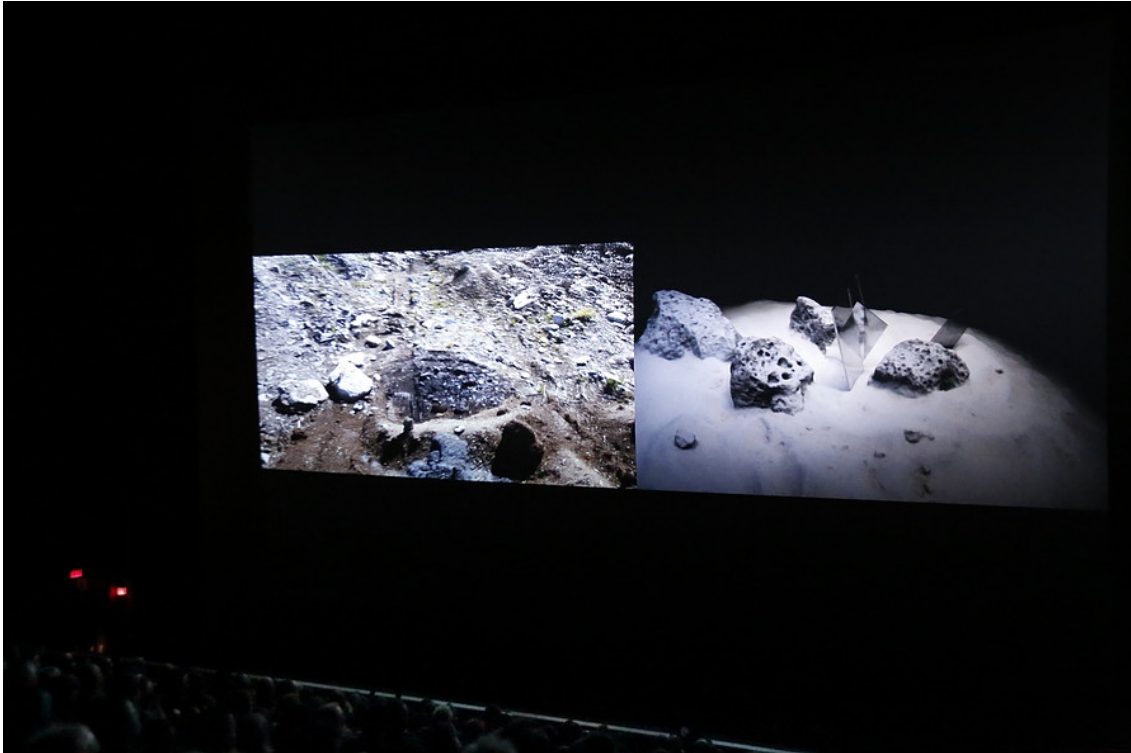


Illustration 4: Example of one-channel projection version of the piece (InFuture, Cinesphere, Toronto, Canada).

- The single-channel version of the projection corresponds to the easiest presentation. Since this version involves a single projector and a single media player, the hardware requirements are less intense. Also, this version circumvents any sync issues.
- The actual projection is still made from two side-by-side videos (16:9 ratio). Both videos have the same size and are parallel. Therefore, they can be fused as a single wide screen.
- The video is made from a single HD video (master resolution: 1920x1080, but can be provided at other resolutions).
- One projector should be used for the diptych single-channel projection.
- A single media player (capable of full HD) reads the master video file and sends it to the video projector.
- We suggest to use the 18-minute version that includes a sound track and is more intended for indoor projection.