EDA Immersive Projection System

LEFT WALL

FRONT WALL

RIGHT WALL

LEFT WALL 3840 x 1200 px	FRONT WALL 1920 x 1200 px	RIGHT WALL 3840 x 1200 px

Details:

The EDA is equipped with a 5-channel video projection system for showing work on the 3 main walls in the lower pit area.

Each projector has a native resolution of 1920x1200px. Which totals 9600px x 1200px when considered as 1 immersive screen.

The 3 walls are projection mapped to fit seamlessly using Resolume Arena software. Video playback is also controlled by Resolume Arena. The software is installed onto the podium PC.

You can download content to the pc via USB, web or local network.
Audio is played through the house 2.1 stereo system.

Media

- Play unlimited number of Quicktime MOV and AVI video files
- Recommended Codecs: DXV, Photo JPEG, ProRes.
- Display PNG & JPEG Images
- Play GIFs
- Maximum video and image size is determined by the maximum texture size of video card
- Play WAV audio files and the audio track from video files
- Real-time adjust the speed, play direction,
- Set in and out,-point of media files
- Loop, bounce (ping-pong), play once (one shot)
- Input and Output with Blackmagic Design, Datapath and AJA capture cards
- Input video from other applications via Syphon on the Mac and Spout on the PC
- Streaming video between computers via network using NDI

Technical Details and set-up:

Mac Mini

Laptop 1

Laptop 2

Dell PC

Matrox c680

MDP

HDMI

HDMI

HDMI

MDP

MDP

MDP

MDP

MDP

MDP

MDP

MDP

KVM Switch

HDMI

HDMI

HDMI

HDMI

HDMI

HDMI

HDMI

HDMI

Belkin HDBT

Belkin HDBT

4x2 Matrix 4K Switcher

Belkin HDBT

Belkin HDBT

MDP

HDBT

HDBT

HDMI

HDBT

HDBT

HDBT

HDMI

HDMI to SDI Converter

DP

SDI

Dell Monitor
1920x1200px

OUTPUT 1

HDBT

Epson G6770WU
1920x1200px

Main Projection Wall   (FRONT)

Epson G6770WU
1920x1200px

HDBT

OUTPUT 3

OUTPUT 5

Immersive Projection Wall   (LEFT)

Immersive Projection Wall   (RIGHT)

HDBT

Epson G6770WU
1920x1200px

Epson G6770WU
1920x1200px

HDBT

OUTPUT 2

OUTPUT 6

OUTPUT 4

Epson G6770WU
1920x1200px

HDBT

IMMERSIVE PROJECTION SPACE
9600x1200px