

# PUBLICWORKS

## EQUIPMENT & SPECIFICATIONS

### Sound

#### Main Room Sound System

- Funktion 1 BR 221 Subwoofer Cabinets
- Funktion 1 Resolution 3 Full Range Cabinets
- Funktion 1 Resolution 2 Full Range fills
- Funktion 1 F88 Rear fills
- Funktion 1 F101 Front Fills
- Funktion 1 F101 Loudspeakers on Balcony
- BSS SoundWeb London BLU-160 Signal Processor
- Powered by Powersoft, FFA and MC2 amps

#### Loft Sound System

- Funktion One Resolution 2
- Funktion 1 BR221 Sub Cabinet
- PK Sound Klarity 8 (Rear Fill Speakers)
- XTA 548 Processor
- Powered by Powersoft, Crest and MC2 amps
- 2 QSC KSub (Dual12" Subwoofer)

#### Main Room Monitor System

- 2 Funktion One PSM12 Wedge Monitors
- 4 Funktion One BR118 Subwoofers
- 4 QSC K10 Monitors

#### Loft Monitor System

- 2 QSC KW12

### Video & Lighting

#### Main Room Video Specifications

- (3) Epson 7240 WXGA 3.2k lumen projectors (1280x800 native resolution) [covering side & rear walls of the venue]
- (1) InFocus IN5535 7k lumen projector (12800x800 native resolution, support up to 1080i) [rear wall coverage only]
- (1) 8x8 HDMI Switcher
- (1) Matrox Triplehead (feeds the (3) PJL7211s projectors to create a continuous 3072x800 projection covering rear & side walls)
- (2) LG Blu-Ray Players (capable of DVD, BluRay, MP2, MP4, JPEG playback via optical disc & USB)
- (1) custom built PC video server running Windows 7, Resolume Arena 4, nVidia GTX 1080
- XLR stereo audio feed, adapters available
- Various HDMI, VGA, DVI, mini-DisplayPort, and composite video converters/adapters

#### Main Room Projectors

- (1) 7K 1080p projection on the wall behind the stage (mostly for presentations and talks)
- (3) Epson projectors mapped to create a continuous image wrapping around 3 walls with a resolution of 3840 x 800
- (3) Epson projectors mapped to create 2 mirrored screens with a 1920x1080 resolution, wrapped around 3 walls

#### Main Room Video Matrix Connection Diagram

<b>Input</b>	Stage HDMI 1	Stage HDMI 2	VJ HDMI 1	VJ HDMI 2	3Head2go 1	3Head2go2	3Head2go3	Srvr out 4
<b>Output</b>	PRJ 1	PRJ 2	PRJ 3	7K PRJ	Loft feed	SRVR In	Spare	Spare

# Video & Lighting (cont.)

## Main Room Lighting Specifications

- (4) 15w RGBA+UV LED Light (FOH Lights)
- (4) Clay Paky 2R Sharpy (Moving Lights)
- (11) Tomshine Moving Head Stage Lights
- (1) Martin Magnum 2500hz (Hazer)
- (4) American DJ MegaHex RGBWA+UV Parcan (Downstage+Upstage Lights)
- (2) MARQ Gesture beam 400 (Moving light)
- (2) American DJ Mega Flash DMX (Strobe Light)
- (2) American DJ Megabar LED
- (1) PC running MagicQ for DMX control of all lighting
- Assorted track lighting + fixtures

## Loft Video Specifications

- (2) NEC NP-M300XS 3k lumen projectors (1024x768 native resolution, support up to 1080p)
- (1) Extron 4x4 HDMI Matrix

## Loft Lighting Specifications

- (4) American DJ LED Parcan Lights
- (1) Chauvet Obey 40 DMX Controller
- (2) American DJ Megabar LED
- Track Lighting

## Loft Video Matrix Connection Diagram

<b>Outputs</b>	Side Wall NP-M300XS	Rear Wall NP-M300XS	[unused]	[unused]
<b>Inputs</b>	Main Room Feed	LG Blu-Ray Player	Aux HDMI	Stage HDMI

# Live Equipment

## DJ Gear

- (3) Technics 1200 MK5 turntable
- (2) Technics 1200 M3D turntable
- (4) Pioneer CDJ-2000NXS
- (4) Pioneer CDJ-2000NXS2
- (1) Pioneer DJM-900NXS2 Mixer
- (1) Pioneer DJM-900nexus Mixer
- (2) Allen & Heath XONE:92 DJ Mixer
- (1) Pioneer RMX-1000 DJ Remix station
- (1) Serato SL4 interface
- (1) Serato SL1 interface

## Stage Gear

- Midas M32 (32 x 16) Digital mixing console
- Mackie 1402 - VLZ3
- Mackie ProFX 22
- (7) Shure SM 58
- (6) Shure SM 57
- (1) Audix ADX90
- (2) Audix ADX51
- (1) Audix i5
- (1) Audix D6
- (2) Audio Technica Snare/Tom
- (2) Audio Technica Kick/Tom
- (4) Livewire Passive D.I. Direct Box
- (4) Behringer DI20 Ultra 2-Channel Active DI Box/Splitter

## Outboard Gear

- Yamaha SPX 990
- TC Electronics D Two Delay
- (3) Drawmer DS 201 Classic Dual Noise Gate
- (1) Aphex 105 Quad Gate
- (1) LA Audio 4c Quad Compressor
- (1) BSS DPR404 Quad Compressor
- (1) Art Pro VLA dual channel compressor
- (2) BSS FCS960 31 Channel Dual Graphic EQ
- (1) DBX 2231 31 Channel Dual Graphic EQ
- (32) Channel snake + 12 Return between stage and FOH
- (12) Mic stands w/ Boom
- (4) Baby mic stands
- (1) Guitar stand
- (2) Keyboard stands

# Stage Dimension

## Main

- Height: 28 inches / 0.7 meters
- Front Width: 15ft / 4.2 meters
- Back Width: 22 ft / 6.5 meters
- Depth w/o Extensions: 10.5 ft / 3.4 meters
- Depth with Extensions: 13 ft / 4.2 meters

## Loft

- Booth Width: 7.5 ft / 2.1 meters
- Booth Depth: 2 ft 3 inches / 2.3 meters
- Stage Height: 1 ft
- Stage Width: 14.5 ft / 4.5 meters
- Stage Depths: 11 ft / 3.4 meters

## Main Room Stage

