

Algonquin Theatre

VIDEO & PROJECTION / SOURCE

Updated Oct 30, 2024

House Projection

SONY - VPL-FHZ700L - 7000 Lumens WUXGA 3LCD Laser Projector

- Wired Remote
- Display System: 3 LCD system
- Projection lens: Powered focus, zoom and lens shift
- Computer signal input: Maximum display resolution: WUXGA 1920 x 1200 dots
- Video signal input: NTSC, PAL, SECAM, 480/60i, 576/50i, 480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i, 1080/60p, 1080/50p, 1080/24p
- Contrast ratio (full white / full black): 8000:1
- Color system: NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60

- INPUT A: RGB / Y PB PR input connector: 5BNC (female)
- INPUT B: RGB input connector: Mini D-sub 15-pin (female)
- INPUT C: DVI-D input connector: DVI-D 24-pin (Single link), supported HDCP
- INPUT D: HDMI input connector: HDMI 19-pin, HDCP support
- INPUT E: Optional adaptor slot (For Digital Interface Adaptor BKM-PJ10) *4
- S VIDEO IN: S-video input connector: Mini DIN 4-pin
- VIDEO IN: Video input connector: BNC

- OUTPUT: Monitor output connector*5: Mini D-sub 15-pin (female)
- REMOTE: RS-232C connector: D-sub 9-pin (female)
- LAN: RJ-45, 10BASE-T/100BASE-TX

- Control S input connector: Stereo mini jack, Plug in power DC 5V
- Control S output connector: Stereo mini jack

Projector A/V Connectors locations:

- Input C – DVI – Connector located in Lighting Booth (HDMI connector on booth end)
- Input D - HDMI (1080i) - Located at audio booth, can be extended to the stage

- **NOTE:** All audio is patched through house mixing console (Yamaha CL5). All audio inputs to the console are balanced XLR. Audio adaptors are available upon request.

Video Screen Specs/Location

Draper Rolleromatic

- Motorized 18ft x 16ft screen (216" x 162") matte white, 24" Black drop, no borders
- Front projection only
- Approx. 40' between projector to screen
- Screen located Down Stage Center at proscenium in front of Main Curtain
- Approx. 6' of stage area down-stage from video screen
- First row of seats is 15' back from screen
- Screen drops to 2' above the stage floor

Video Switcher

Roland V-60HD HD Video Switcher

- 4 SDI BNC Inputs (Inputs 1-4)
 - Conforms to SMPTE 424M (SMPTE 425M-AB), 292M
- 2 HDMI Inputs (Inputs 5-6)
 - INPUT 6: HDMI or RGB/COMPONENT selected
 - HDCP Supported
 - Multi-format Supported
 - Multi-format Supported
- 2 SDI Out 1 &2: BNC type, Conforms to SMPTE 424M (SMPTE 425M-AB), 292M
- 2 HDMI Out, HDMI type A
- 1 HDMI MULTI-VIEW: HDMI type A
- HDCP Supported

Current switch setup

Inputs:

5 – Blu-ray player 1 Sony Blu-Ray BDP-S280

6 – Blu-ray player 2 Sony Blu-Ray BDP-S280

Outputs:

1 – to projector

2 – to LCD preview monitor

Video Playback

Blu-Ray Players:

- **2 - Sony BDP-280 Blu-Ray** Disc/DVD Players
- HDMI output
- Accessories: Wireless Remote

Portable Projectors

EIKI LC-XB43 LCD Projector

- 4,500 ANSI Lumens
- 1000:1 Contrast
- Accepts composite, component, and S-Video in all major standards.
- Two Dsub15 computer inputs, plus one Dsub15 computer monitor output
- NO HDMI Port

Video Switchers / Adaptors

Transmitter/Receiver over Cat5 - HDBaseT

1 -VGA over HDBaseT Transmitter - Magenta MultiView UTx Transmitter 4003212

- Transmitter with RS-232 & IR over Long-Reach HDBaseT

1 - VGA over HDBaseT Receiver - Magenta MultiView AK500 UTP Receiver 4003299

- Receiver with RS-232 & IR over Long-Reach HDBaseT

2 - HDMI over HDBaseT Transmitter - Kramer TP-580T

- 4K60 4:2:0 HDMI HDCP 2.2 Transmitter with RS-232 & IR over Long-Reach HDBaseT

2 - HDMI over HDBaseT Receiver - Kramer TP-580R

- 4K60 4:2:0 HDMI HDCP 2.2 Receiver with RS-232 & IR over Long-Reach HDBaseT

Mac Computer Adaptors to VGA:

1. DVI to VGA adapter
2. Mini DVI to VGA adapter
3. Mini VGA to HD-15 (regular VGA)
4. Apple Micro-DVI to VGA adapter (for older MacBook Air)

For further information please contact:

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