

Algonquin Theatre

VIDEO & PROJECTION / SOURCE

Updated 2021

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 A- VGA - Computer VGA input connector - Located at audio booth, can be extended to the stage
- 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 Rollermatic

- Motorized 18ft x 16ft screen (216" x 162") matte white, 24" Black drop, no borders
- Front projection only
- RF remote control
- 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 4'h 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:

- 1 – DVD 1 Denon DN-V310
- 2 – DVD 2 Denon DN-V310
- 3 – Blu-ray player 1 Sony Blu-Ray BDP-S280
- 4 – 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

DVD Players:

- **2 - Denon DN-V310** DVD players
- Advanced progressive scan, HDMI output.
- DVD/DVD-R, CD, VCD Playback
- MP3, WMA, DivX Playback
- NTSC / PAL Conversion
- Accessories: Wireless Remote

Portable Projectors

Sharp XG-PH50X Multimedia projector, Conference Series

Accessories: Wired Remote

Location: Mounted on balcony face, approx. 40' from screen, 72' from cyc.

- 4000 ANSI Lumens
- 1000:1 Contrast
- Blackout screen and freeze screen function
- Video System: NTSC3.58/NTSC4.43/PAL/PAL-M/PAL-N/PAL-60/SECAM/DTV480I/DTV480P/DTV540P/DTV576I/DTV576P/DTV720P/DTV1035I/DTV1080I
- Brochure: http://www.sharpusa.com/files/pro_dow_XGPH50Xbro.pdf

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

NEC LT265 Digital Multimedia Projector

- 2,500 ANSI Lumens
- 1600:1 Contrast
- Accepts composite, component, and S-Video in all major standards - NO HDMI Port
- Two Dsub15 computer inputs, plus one Dsub15 computer monitor output

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

HDMI Video Switcher - Nexxtech Matrix HDMI Switch

- 4 HDMI inputs and 2 HDMI outputs.
- HDMI V1.3 compliant
- Supports to 36-bit Deep Color
- Maintains 480p, 720p, 1080i and 1080p video formats.
- Accessories: Wireless Remote

Mac Computer Adapters 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:

Chris Boon | Technical Director

Town of Huntsville | Algonquin Theatre | 37 Main Street East

(705) 789-1751 ext 2249 | 1-888-696-4255 ext 2249 | TTY – 705-789-1768

Email: chris.boon@huntsville.ca | www.algonquintheatre.ca