

Huntsville Algonquin Theatre

AUDIO INVENTORY

Updated April 19, 2017

FRONT OF HOUSE - CONSOLE AND AUDIO PROCESSING

<p>FOH Audio Console</p> <p>Note: Audio booth located aprox 50' from stage under short balcony, slightly stage right of centre. Booth area is 6'd x 8'w. Built in console table 73"long x 30"deep, dropdown access hatch at the rear.</p>	<p>1</p>	<p>Yamaha CL5</p> <p>Network system design as Redundant Star with Primary and Secondary lines connecting the FOH CL5, Monitor CL5, Rio I/O boxes, wireless LAN (iPad StageMix) and PC (Audinate Dante Controller) via CAT6A lines and network switches</p> <p>On Stage - 48 inputs / 24 outputs Rio stage boxes plus 8in/8out local on CL5</p> <p>At FOH - 16 -inputs / 16 outputs (console + FOH Rio stage boxes)</p>
<p>Console Back-up Power Supply</p>	<p>1</p>	<p>Yamaha PW800W Rower Supply</p>
<p><u>Front of House I/O Racks</u> Yamaha R Series (Rio)</p>	<p>1 1 2 1</p>	<p>Yamaha Rio RI8-D Yamaha Rio RO8-D Cisco SG300-10 Network Switches (Primary and Secondary) Wireless LAN Network Cabling - Digiflex Tour Grade CAT6A Shielded with RJ45 connectors</p>
<p><u>On Stage I/O Rack (Stage Left)</u> Yamaha R Series (Rio)</p>	<p>1 2 2</p>	<p>Yamaha Rio 3224 Yamaha Rio RI8-D Cisco SG300-10 Network Switches (Primary and Secondary) Network Cabling - Digiflex Tour Grade CAT6A Shielded with RJ45 connectors</p>
<p>FOH Digital Signal Processor</p>	<p>1</p>	<p>Symetrix SymNet DSP 8x8 w/breakout 12</p>
<p>FOH Source / Processing Rack</p>	<p>1 2 1 2 2 1</p>	<p>Yamaha SPX2000 (2 channels (L/R) of effects) dbx 2331 Dual EQ (4 channels of equalization) American Audio MCD510 CD / MP3 Dual Bay Player w/pitch control Denon DVD Player DN-V310 Sony Blu-Ray BDP-S280 2x4 HDMI Matrix Switcher</p>
<p>Auxiliary FOH Outboard Processing Rack</p>	<p>2 1 2 1</p>	<p>dbx 2331 Dual EQ dbx 1074 Quad Gate dbx 1066 Dual Comp/Limiter dbx AFS224 (2 ch)</p>

FOH LOUDSPEAKER SYSTEM

FOH LOUDSPEAKER SYSTEM <u>Orchestra (Main) Level</u>	2	<u>JBL AM7315/64</u> - Main L+R Orchestra Level High Power 3-Way Loudspeaker (bi-amped)
	2	<u>JBL AM4212/64</u> - L+R Centre fills (Clustered with mains) 2-Way Loudspeaker System with 1 x 12" LF
	2	<u>JBL ASB 6128</u> - Mounted L+R stage level through proscenium wall, below main L+R clusters Ultra Long Excursion High Power Dual 18" Subwoofer
FOH LOUDSPEAKER SYSTEM <u>Balcony Level</u>	2	<u>JBL AM6315/64</u> - Main L+R Balcony Level High Power 3-Way Loudspeaker (bi-amped)
	1	<u>JBL AM4212/64</u> - Balcony Centre Speaker 2-Way Loudspeaker System with 1 x 12" LF
FOH Power Amplifiers	3	Crown CTs 1200
	2	Crown CTs 2000
	2	Crown CTs 3000

MONITOR RIG - CONSOLE AND AUDIO PROCESSING

Monitor Audio Console - Primary NOTE: CL5 connected to Dante network and stage I/O Racks via Primary and Secondary lines and network switches. -Monitor rig located Stage Left. -Both Network lines and snake patch bay located stage left -60A panel with 'stove plug' and four (4) 15A dual uground outlets located at monitor position. All isolated grounds.	1	Yamaha CL5 Network system design as Redundant Star with Primary and Secondary lines connecting the FOH CL5, Monitor CL5, Rio I/O boxes, wireless LAN (iPad StageMix) and PC (Audinate Dante Controller) via CAT6A lines and network switches On Stage - 48 inputs / 24 outputs Rio stage boxes plus 8in/8out local on CL5 At FOH - 16 -inputs / 16 outputs (console + FOH Rio stage boxes)
Auxiliary Monitor Effects / Processing Rack	3 2 1	dbx 2331 Dual EQ dbx 1066 Dual Comp/Limiter Yamaha REV100
Stage Monitors	8	<u>Turbosound TXD-12M</u> Passive two-way wedge monitor, 12" reflex-loaded low frequency driver, 1" high frequency compression driver, 40°H x 70°V dispersion HF horn, internal third order passive crossover.
	2	<u>JBL MS28</u> Passive two-way full range loudspeaker, 2 x 8" LF transducers, 1" exit titanium diaphragm compression driver.
	1	<u>Turbosound Sub TXD-115</u> Front-loaded low frequency loudspeaker enclosure Reflex-loaded 15" low frequency driver.
Monitor Power Amplifiers	3 1 1	Crown CTs 1200 Crown CTs 2000 QSC PLXII 3602

BACK-UP AUDIO CONSOLES

Digital Console	1	Yamaha M7CL48 with 3 Dante-MY16-AUD cards
Analog Monitor Console	1	Soundcraft Spirit 2, 40 channel / 12aux

MICROPHONES

Shure	6	Shure SM57
	7	Shure SM58
	4	Shure Beta 58
	2	Shure SM81
	2	Shure PG56 w/drum clips
	1	Shure Beta 52
	1	Shure Beta 91
	1	Shure SM27
	2	Shure MX202BP/C hanging microphones
	Sennheiser	1
4		Sennheiser e904
2		Sennheiser e906
3		Sennheiser e914
1		Sennheiser MD 421-II
Apex	1	Apex125 large diaphragm dynamic microphone
	3	Apex126 dynamic microphones w/drum clips
	3	Apex 190 stubby flat-frequency response cardioid condenser
	2	Apex 435 wide diaphragm condenser
Crown	3	Crown PCC 160
	1	Crown PZM 30

WIRELESS RACK AND MICS

Wireless Handheld Microphones	6	Sennheiser Handheld e935, SKM100 G2 - wireless microphones (700MHZ range)
Lavalier and Headset Microphones	12	Sennheiser ME2 Omni directional Lavalier microphones - black
	6	Sennheiser MKE 2-ew Gold Omni directional Lavalier microphones - beige
	6	DPA 4066 Omnidirectional Headband (headset) - beige
Wireless Body Packs	6	Sennheiser SK100 G2 wireless body pack transmitters (700MHz Range)
	6	Sennheiser SK100 G3 wireless body pack transmitters (500MHz Range)

Receivers	6	Sennheiser EM100 G2 True Diversity Receivers (700MHz range)
	6	Sennheiser EM100 G3 True Diversity Receivers (500MHz range)
Antenna and Splitters	3	ASA1 active antenna splitters
	4	A1031-U passive Omni-directional antennas
DI BOXES		
DI Boxes	1	Radial Pro AV2 multi-media, stereo - passive
	1	Radial JPC, stereo - active
	1	Radial Pro - passive
	1	Radial Pro48 - active
	7	Rapco DI - passive
	1	Behringer Ultra DI120, 2-Channel - active
	1	Behringer DI100 - active
	1	Apex stereo DI - active
MIC STANDS/CABLES/STAGE SNAKES		
Microphones Stands / Accessories	9	K&M tall w/boom - black microphone stands
	9	K&M short w/boom - black microphone stands
	2	Apex tall w/boom - black microphone stands
	2	Apex short w/boom - black microphone stands
	6	K&M tall w/round base, no boom - black
Power Cables	3	25' AC Quad Boxes
	5	50' AC Quad Boxes
	Asstd	Single power cables
XLR and patch cables	Asstd	25'-50' XLR cables
	Asstd	1/4" to 1/4" Patch cables
Stage Snakes	1	8 Channel XLR Snake Cable w/Box - 50ft
	1	12 Channel XLR Snake Cable w/Box - 50ft
	1	16 Channel XLR Snake Cable w/Box - 50ft
	1	20 Channel XLR Male to XLR Female Snake Cable
COMMUNICATIONS - COM SYSTEMS		
Paging System	1	Peavey UMA1502 Paging is executed from two positions at the Control Room AV rack and in the House Manager's Office. Paging speakers are located on the first, second and third floor lobbies, the stage storage area and the multiple use rooms on the first floor. A feed of program sound is provided into the paging system. Paging volume is controlled at the Peavey amplifier in the Control Room AV rack.
Intercom	1	Clear-Com two-channel main station A/B

	6	Clear-Com wall stations (dressing rooms, kitchen, office)
	4	Clear-Com belt packs and headsets The main station terminates to a patch bay in the Control Room. Installed stations are located in various locations back stage, on stage and mix positions
Hearing Assist	1	FM Listen LT800B-072
MISCELLANEOUS		
Instruments / Backline	1	7ft Seiler Grand Piano with bench.
Stands / Accessories	5	Guitar stands
	12	Music stands
	10	Music stand lights
Stage Risers	6	4' x 4' x 10" wood carpeted riser
	4	4' x 8' x 10" wood carpeted riser
RECORDING		
(Recording Options from Yamaha CL5)	1	64 Ch. recording with Nuendo Live / IMB Computer (Note - External Hard drive will have to be provided for recordings)
	1	2 Ch. Recording Direct from CL5 to USB stick
	1	Yamaha CDR-HD 1500 - HDD/CD, 2 ch. CD Recorder







