

Huntsville Algonquin Theatre

AUDIO INVENTORY

Updated Oct. 2024

FRONT OF HOUSE		
Console / Headamps / Processing		
FOH Audio Console	1	Yamaha CL5
<p>Note: Audio booth located aprox 48' from stage, under short balcony, slightly stage right of centre. Booth area: 8' across x 6' deep.</p> <p>Console table area: 73" across x 30" deep. Dropdown hatch at the rear of table for cable access. Network system design is 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. At FOH - 16 -inputs / 16 outputs (console + FOH Rio stage boxes).</p>		
Back-up Power Supply (FOH Console)	1	Yamaha PW800W Power Supply for CL5
<p>I/O Racks and Networking</p> <p>At FOH - 8 inputs / 8 outputs) Rio stage boxes plus 8in/8out local on CL5 On Stage - 48 inputs / 24 outputs Rio stage boxes plus 8in/8out local on CL5</p>	1	Yamaha Rio RI8-D (8 inputs - at FOH)
	1	Yamaha Rio RO8-D (8 outputs- at FOH)
	1	Yamaha Rio 3224 (32 in/24 outputs - on stage left)
	1	Yamaha Rio RI8-D (8 inputs - on stage left)
	2	Wireless LAN Routers (1 at FOH CL5, 1 at Monitor CL5)
	4	Cisco SG300-10 Network Switches (Primary and Secondary Switches for FOH and Monitor World)
	2	Cat6 lines run from FOH Audio Booth to Stage Left Monitor World position. (Primary and Secondary lines).

FOH Source and Processing Rack	1	Yamaha SPX2000 (2 channels (L/R) of effects)
	1	American Audio MCD510 CD / MP3 Dual Bay Player w/pitch control
	1	Roland V-60HD Video Switcher
	2	Sony Blu-Ray BDP-S280 players
	2	PC Laptops
	1	Mac Laptop with Qlab

FRONT OF HOUSE
Loudspeaker System / DSP / Amplifiers

Digital Signal Processor / Cross-Over	1	Symetrix SymNet RADIUS 12x8 EX DSP
	1	Symetrix SymNet xOut12
Speaker System - Orchestra Level	2	JBL AM7315/64 High Power 3-Way Loudspeaker (bi-amped) Main L+R Orchestra Level
	2	JBL AM4212/64 2-Way Loudspeaker System with 1 x 12" LF L+R Centre fills (Clustered with mains)
	2	JBL ASB 6128 Ultra Long Excursion High Power Dual 18" Subwoofer Main Orchestra LR
	2	QSC K8.2 Stage lip centre fills Powered 8-inch 2-way
Speaker System - Balcony Level	2	JBL AM6315/64 - Main L+R Balcony Level High Power 3-Way Loudspeaker (bi-amped)
	1	JBL AM4212/64 - Balcony Centre Speaker 2-Way Loudspeaker System with 1 x 12" LF
Power Amplifiers - Front of House	1	Lab Gruppen IPD 2400 , 2ch (Balcony Centre Speaker)
	1	Labgruppen FP10000Q, 4ch (Orchestra Level Bi-amped JBL AM7315)

	1	Labgruppen FP10000Q, 4ch (Balcony Level Bi-amped JBL AM6315)
	1	Labgruppen FP10000Q, 4ch (LR Centre Fills & LR Subs)
MONITOR RIG CONSOLE AND AUDIO PROCESSING		
Monitor Audio Console	1	Yamaha CL5
<p>NOTE: 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. 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).</p>		
Back-up Power Supply (Monitor Console)	1	Yamaha PW800W Power Supply for CL5
Stage Monitors	10	<p>Martin Audio LE100 12" Two-way Passive Coaxial Stage Monitor Dispersion: 110°-60° horizontal, 60° vertical LF: 12" (300mm)/2.5" (63.5mm) voice coil, long excursion, shared ferrite motor system with HF HF: 1" (25mm) exit/1.7" (44mm) voice coil, polyimide dome compression driver</p> <p>2 JBL MS28 Passive two-way full range loudspeaker, 2 x 8" LF transducers, 1" exit titanium diaphragm compression driver.</p> <p>1 Martin Audio Blackline X-115B 15" Portable Sub 1 x 15" (380mm) driver with 3" (75mm) voice coil</p> <p>2 Turbosound Milan M15 - Powered Speaker 1100w 2-Way 15" • Klark Teknik DSP, Class-D amplifier • High excursion 15" low frequency driver • 1" dome compression driver • Switchable 100 Hz high pass filter for subwoofer</p>

Power Amplifiers - Monitor Rack (Stage Left Monitor Rig)	4	Lab Gruppen IPD 2400
	1	QSC PLXII 3602
Power Amplifiers - Monitor Rack in Control Room (To Procinium Wall Outputs)	2	Crown CTs 3000

MICROPHONES - WIRED

Shure	6	Shure SM57	
	9	Shure SM58	
	1	Shure SM58S (switched)	
	3	Shure Beta 58	
	2	Shure Beta 87a	
	2	Shure SM81	
	2	Shure KSM137	
	2	Shure PG56 w/drum clips	
	1	Shure Beta 52	
	2	Shure Beta 91	
	2	Shure SM27	
	1	Shure PGA98H	
	2	Shure MX202BP/C hanging microphones	
	Sennheiser	1	Sennheiser e902
		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	

MICROPHONES - Wireless

(Handheld / Lavalier / Trasmitters & Receivers)

Handheld Vocal Microphones - Wireless	6	Sennheiser e935 Handheld, SKM100 G4 (500MHz) Dynamic super-cardioid / narrow pick-up pattern
	5	Sennheiser e935 Handheld, SKM100 G2 (700MHz) Evolution Dynamic cardioid vocal microphone
Headset Microphones	15	Apex575 Condenser Headset Omnidirectional polar pattern. Head and neck-worn. Connectors for Shure, Line 6, AKG, Sennheiser and Audio-Technica.
	6	Sennheiser HSP 4-ew-3 Cardioid microphone capsule Headband (headset) - beige
Lavaliers	8	Sennheiser ME2 Omni directional Lavalier - black
	5	Sennheiser MKE 2-ew Gold Omni directional-beige
Body Packs	4	Sennheiser SK100 G4 wireless body pack transmitters (500MHz Range)
	8	Sennheiser SK100 G3 wireless body pack transmitters (500MHz Range)
	6	Sennheiser SK100 G2 wireless body pack transmitters (700MHz Range)
Wireless - Receivers	4	Sennheiser EM 100 G4 True Diversity Receivers (500MHz Range) - On Antenna Paddles
	8	Sennheiser EM100 G3 True Diversity Receivers (500MHz range) - On Antenna Paddles
	6	Sennheiser EM100 G2 True Diversity Receivers (700MHz range) - Using Stock Antennas
Antenna and Splitters	3	ASA1 Active Antenna Splitters
	4	A1031-U Passive Omni-directional Antennas

DI BOXES

DI Boxes	5	Rapco db 101 sl - passive
	3	Rapco db-1 DI - passive
	2	Radial ProDI - passive
	1	Radial Pro48 - active
	1	Radial Pro AV2 Stereo multi-media DI - passive
	1	Radial JPC Stereo PC DI - active
	1	Behringer Ultra DI120, 2-Channel - active
	1	Behringer DI100 - active
	1	Apex stereo DI - active

MIC STANDS / CABLES / STAGE SNAKES

Microphones Stands / Accessories	14	K&M tall w/boom - black microphone stands
	12	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 microphone stands
Power Cables	3	25' AC Quad Boxes
	5	50' AC Quad Boxes
	Asstd	Single power cables
XLR and patch cables	Asstd	10', 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 snake cable with M/F tails - 25ft

COMMUNICATIONS
Intercom / Paging / Hearing Assist

Paging System	1	<p>Peavey UMA1502 Amplifier/Mixer</p> <p>Paging is executed from two positions; the Control Room AV rack and the FOH Manager's Office</p> <p>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.</p> <p>Program sound is provided into the paging system.</p> <p>Paging volume is controlled at the Peavey amplifier in the Control Room AV rack.</p>
Intercom	<p>1</p> <p>6</p> <p>5</p> <p>Notes:</p>	<p>Clear-Com two-channel main station A/B</p> <p>Clear-Com wall stations (dressing rooms, kitchen, office)</p> <p>Clear-Com belt packs and headsets</p> <p>Clear-com stations are located at Stage Left and Right, Audio Booth and Lighting Booth.</p> <p>Lighting Booth has speaker system with mixer to hear Clear-Com and Stage.</p>
Hearing Assist	1	FM Listen LT800B-072

MISCELLANEOUS

Instruments / Backline	1	7ft Seiler Grand Piano with bench.
Stands / Accessories	<p>5</p> <p>10</p> <p>8</p>	<p>Guitar stands</p> <p>Music stands</p> <p>Music stand lights</p>
Stage Risers	<p>6</p> <p>2</p> <p>44</p> <p>44</p>	<p>4' x 8' Stage riser platforms</p> <p>4' x4' Stage riser platforms</p> <p>12" Legs</p> <p>18" Legs</p>

RESERVE AUDIO GEAR

Auxiliary Processing	3	dbx 2331 Dual EQ
	2	dbx 1066 Dual Comp/Limiter
	1	dbx 1074 Quad Gate
	1	dbx AFS224 Feedback Suppressor
	1	Yamaha REV100
Digital Console	1	Yamaha M7CL48 with 3 Dante-MY16-AUD cards
Analog Monitor Console	1	Soundcraft Spirit 2, 40 channel / 12aux