



COWICHAN PERFORMING ARTS CENTRE

Technical Specifications and Information

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THEATRE ADDRESS

Cowichan Performing Arts Centre

2687 James Street,
Duncan, BC
Canada
V9L 2X5**STAFF INFORMATION**

Arts and Culture Division Manager

Direct
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Technical Director

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Telephone (all ATDs)

(250) 746-2722 ext. 3267

PHONE NUMBERSCowichan Ticket Centre
Backstage
Control Room
Front of House(250) 746-2722 ext. 1
(250) 746-2722 ext. 3231
(250) 746-2722 ext. 3267
(250) 746-2722 ext. 3258**EMERGENCY PHONE NUMBERS**

Dial "9" for an outside line as indicated

GENERAL EMERGENCY**9-9-1-1**FIRE
POLICE
HOSPITAL
AMBULANCE9-250-746-7171
9-250-746-4125
9-250-746-4141
9-250-746-4233

GENERAL CONTACTS & INFORMATION

LOCAL CONTACTS

DOCTOR

Doctor: Ear, Nose & Throat
 Name: Dr. Adnams
 Telephone: (250) 746-7711
 Address: 3106 Gibbins Rd, Duncan

DENTIST

Name: Dr. Gord Pollock,
 Telephone: (250) 748-1322
 Address: Suite 300 - 2640 Beverly St., Duncan

MEDICAL CLINIC

Name: Beverly Walk-in Medical Clinic
 Telephone: (250) 597-3390
 Address: 2673 Beverly St., Duncan

HOSPITAL

Name: Cowichan District Hospital
 Telephone: (250) 746-4141
 Address: 3045 Gibbins RD., Duncan

PHARMACY

Name: Shopper's Drug Mart Pharmacy (open until Midnight)
 Telephone: (250) 746-6118
 Address: 361 Trans Canada Highway, Duncan

CHIROPRACTOR, MASSAGE THERAPY & ACUPUNCTURE

Name: Cowichan Wellness
 Telephone: (250) 709-2151
 Address: #204-225 Canada Ave., Duncan
 Website: <https://cowichanwellness.ca/>

PHYSIOTHERAPY

Name: Thrive Physiotherapy
 Telephone: (250) 856-0531
 Address: #103 - 373 Coronation Ave., Duncan
 Website: <https://thrivenowphysio.com>

LOCAL TRANSPORTATION

Name: Duncan Taxi
 Telephone: (250) 746-4444 or (250) 746-4111
 Address: 2910 Allenby Rd., Duncan

Name: BC Transit (local bus service)
 Telephone: (250) 746-9899
 Schedules & Routes: <https://www.bctransit.com/cowichan-valley/schedules-and-maps>

GENERAL INFORMATION

Nearest Music Store:	Duncan Music 470 Trans Canada Hwy. Duncan (250) 748-7625 ¾ km from theatre
Nearest Hardware & Lumber Yard	Home Hardware Ltd. 2656 Beverly St. Duncan (250) 746-4456 1 km from theatre
Nearest Dry Cleaners	Top Quality Cleaners 320 Festubert St., Duncan (250) 748-3341 ¾ km from theatre
Nearest Laundromat	Seabreeze Laundry 372 Trunk Rd. Duncan (250) 748-3021 1 km from theatre
Nearest Automotive Shop	Canadian Tire 2929 Green Rd., Duncan (250) 748-6065 3.2 km from theatre

FRONT OF HOUSE

Cowichan Ticket Centre	Main floor – Cowichan Community Centre Telephone – (250) 746-2722 or Local 3200 or 3350
Concession & Coat check	Theatre Lobby – Front of House Telephone – (250) 746-2722 Local 3258
Parking	Free adjacent to theatre
Hearing Assistance System	Sennheiser SZI 1029 infrared emitter (stereo signal) 10/ HDI 92P receiver/headsets
Quiet Room	An enclosed room with view of stage and adjustable speaker for audio access. Located at top rear of house left with entrance from theatre lobby. Seats 8. Subject to availability

LOBBY

Lighting	Main source Colortone 50 Fluorescent (k) 5000 Track lighting all walls par 20 LED (k)3000
Sound System	5/ 70volt ceiling mount speakers 1/ 5disc CD player 1/ Audio Technica wireless mic with stand
Video	2/ Wall mounted Toshiba 32" LCD Flat Panels (CCTV) 1/ LG 60" LCD Wireless internet available. Interact accessible for touring shows

AUDITORIUM

Form	Proscenium / Apron (orchestra pit), opened May 1978
Colour & Texture of House Walls	House walls: stucco - white upper/amber lower Proscenium surround: medium coloured, flat-brown ribbed panel
Air Conditioning	The house and stage are on the same unit; areas cannot be controlled independently; temperature can be adjusted or unit turned off
No. of Permanent Seats	724 Continental style soft seat
No. of Wheelchair spaces/Temporary Seats	7
No. of Vertical Aisles on Main Floor	2 - far left and right of house; no centre aisle
Width of Vertical Aisles on Main Floor	4'-2"
Difference in Elevation from 1 st Row of Seats to Last Row	12'-10"
Straight Line Distance from Front Lip of Stage to Last Row of Seats	62'-0"
Distance From Front Lip of Stage to Front Edge of Permanent Seats	4'-10"
Stage Height from House Floor at First Row of Seats	3'-7"
Access from Backstage to Auditorium	Two portable stair units with five steps each, from stage apron into house; available upon request. Permanent stairways off-stage left and right alcoves, six steps each, lead out to corridors running up each side of the house to lobby; six entrance/exit doors in each corridor for access into sides of house. First floor Dressing Rooms area to main complex lobby; elevator or stairway to theatre lobby and access to back of house. In-show access must be pre-arranged.

DRESSING ROOMS & GREEN ROOM

All Dressing Rooms and the Green Room are air-conditioned. Wireless Internet available.

Location of Green Room	First floor Size of room: 36ft.long x 17ft. wide Electrical outlets: 5 Sinks: 1 Dishwasher, Fridge, Microwave oven
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Location of Dressing Rooms

First floor

Dressing Room T-1
Room Size: 21' x 10'

Type: Principal
Capacity: 4 Persons
Make-up table: 21'
Make-up mirrors with lights: 4
Electrical outlets: 3
Toilets: 1
Showers: 1
Sinks: 1

Dressing Room T-2
Room Size: 10' x 13'

Type: Principal
Capacity: 3 Persons
Make-up/stylist chairs: 3
Make-up table: 13'
Make-up mirrors with lights: 3
Electrical outlets: 3
Toilets: 1
Showers: 1
Sinks: 1

Chorus Dressing Room 1
Room Size: 31' x 26'

Type: Chorus
Capacity: 20 persons
Make-up table: 50'
Make-up mirrors with lights: 12
Electrical outlets: 7
Toilets: 3
Showers: 3
Sinks: 2

Chorus Dressing Room 2
Room Size: 25' x 29'

Type: Chorus
Capacity: 20 persons
Make-up table: 50'
Make-up mirrors with lights: 13
Electrical outlets: 5
Toilets: 3
Showers: 3
Sinks: 2

Access to Stage from Dressing Rooms

Stage Right and Stage Left; 25 steps; 4'-4" wide stairways w/ 2 landings; doors top & bottom.

NOTE: No elevator to stage level, other than freight elevator.

REHEARSAL HALL

Location

First floor, adjacent to Dressing Room 1

Size

48'-0"l x 30'-6"w; min. 10'-0" acoustically treated ceilings

Floor Material

Marmolium set on 3/8" fiberboard & 5/8" T&G plywood, over flat 2x4 sleepers on 16" centres, with 1/4" rubber pads, floated on carpet over base concrete floor

Dance/Movement

Barre & Mirrors (curtained)

Sound System	1/ Nikko Stereo Amp 1/ Technics 5 disc CD player SL-PD5 2/ Pair JBL speakers
Number of Musician Chairs	50/ Vinyl Black & Chrome by ChairTex
Number of Music Stands	24/ Black Manhasset Orchestral stand # 50
Conductor Music Stand	1/ Black Manhasset Directors stand # 49
Additional Equipment	7/ Yorkville guitar stands
Electrical Outlets	6/ 15 amp 120 volt isolated u-ground

WARDROBE

Location of Laundry Facilities	First floor Storage Room
Number of Portable Clothes Racks	8
Number of Ironing Boards & Irons	4
Clothes Steamer	1/ Jeffy Steamer Model J-2
Clothes Washer	1/ McClary Extra Large Capacity
Clothes Dryer	1/ McClary Extra Large Capacity
Laundry Sink	1/ Single Laundry Tub with hot & cold water

RUNNING

Fire Curtain	Emergency Release: Down Stage Left and Right; will release if Fire Alarm goes off or during power failures
Location of House First Aid Equipment	Down stage right Stage Deck Control Booth Concession Dressing Rooms Rehearsal hall
Off Stage Work light on/off switch locations	Down stage left Down stage right Up stage center

STAGE DIMENSIONS

Proscenium Width	41'-8"
Proscenium Height	Max. 19'-0" Min. 15'-6" (with Valance)
Stage Depth	36'- 6"
Distance from Proscenium to Lineset #46	28'-6" (32'-0" when Cyc breasted US)
From Lineset #46 to Back Wall	8'-0"
Onstage Crossover	min. 5'-0"
Wing Space:	Stage Right (Proscenium to Locking Rail) 27'- 6" Stage Left (Proscenium to Wall) 29' -6"
Overall Width of Stage	98'-8"
Size of Apron	Depth 18'-5" Width 47'-10"

STAGE FLOOR

Floor Material & Installation	Robbins Bio –Channels: Engineered-wooden sleeper with 7/16" EPDM Bio-Pads attached, factory encased in a steel channel. Plywood Subfloor-23/32" structural rated sheathing. Flooring- 2 ¼" width x 33/32" thick, Traditional 3 rd grade continuous strip XL strip maple flooring as manufactured by Robbins Inc, and graded to exceed MFMA-FJ Standards.
Floor Finish Colour	ROSCO Tough Prime Flat black
Dance Floor	Harlequin Cascade 3 rolls 40' 3 rolls 57' NOTE: Dance floor tape costs charged to users
Traps	None
Cable Troughs	3" deep, continuous stage surround Stage left and right, each cover 4'-2"L x 1'-3"W Upstage, each cover 3'-0"L x 1'-0"W

ORCHESTRA

Number of Musician Chairs	50 Fabric Black & Chrome by ChairTex
Number of Music Stands	50 Black Manhasset Concertino stand #48 1 Black Manhasset double Conductors stand
Number of Music Stand Lights	34 - black
Conductors Riser	4'-0" x 4'-0" @ 6" or 8" high with back rail & carpet
Piano for on Stage only	Steinway & Sons Concert Grand - Model D, tuned to A-440. Circa 1922

Clavinova Electric keyboard	Yamaha CLP-230 NOTE: please give advance notice if you need this instrument in the orchestra pit.
Piano for Rehearsal Hall	Sherlock Manning Upright, tuned to A-440 circa 1907

ORCHESTRA PIT

	Apron, covered by 15 removable plugs, each approx. 2'6" w 12'0" l Pit opening: 37'-6" l x 12'-0" w; Inside dim: 42'-0" l x 15'-0" w x 7'10" d
Electrical Outlets	15/ 15 amp 110 volt isolated GFCI u-ground; daisy-chain multi outlet AC cable for music lights
Access to Pit	1 st Floor/Dressing Room level; 12 steps up to double doors, SR & SL.
Orchestra Size	24 musicians max with general configuration

RISERS & LECTERN

Riser Units	48 - 4'x8' metal frame with plywood deck, 6 legs per unit 4 - 4'x4' metal frame with plywood deck, 4 legs per unit Leg lengths available are 6", 12", 18", 24", 30", 36" and 42" 12 - Black skirts 24"x16'
Get-off Step Units	6 - 18" high x 40" wide
Lectern	1- Golden Oak 1- Aluminum

FLY SYSTEM – DATA

Height of Grid from Stage Deck	50'-2" from deck
Maximum Flying height from Stage Deck	47'-3" from deck
Height of Clear Space above Grid	7'-0"
Grid	Walkable area is industrial galvanized steel grating. All rigging must be distributed to structural beams (loft beams or wells – 12'-0" spacing)
Type of Rigging	Single purchase counterweight system Under hung loft block Under hung head block
Number of Lines per Set	6 (1/4" 7x19 aircraft cable)
Batten Length & Diameter	60'- 0" x 1 1/2" sched 40 pipe
Total number of linesets	41 (free sets: 25)
Load Capacity of Sets	1160 lb. after balance to pipe weight
Counterweight Guide	Aluminium T-Channel
Location of Operating/Locking Rail	Stage Right deck

No. of Loading Rails	2
Access to Loading Rails	Stage Right caged ladder up to first rail; a caged straight ladder continues up to second rail and grid.
Height - Stage Deck to First Loading Rail	21'-0" (this jump is a stage-surround catwalk: SR/US/SL)
Height - Stage Deck to Second Loading Rail	42'-0"
Spare Counterweights after all sets are balanced empty	weight quantity
	15 lb. 30
	25 lb. 217
	30 lb. 300

FLY SYSTEM

Lineset #	Meas.	House Plot	Notes	Material
1	0' 11"	Grand Valance	Removable for show drop; 5 line set	50% Fullness
2	1' 5"	Main Drape	Motor Driven Bi-part or Guillotine	50% Fullness
3	1' 11"	DS Projection Screen		PVC Cyc
4	2' 11"	-	Small arbour; SL/SR battens on 4-line set	*SR/SL Battens only
5	3' 7"	LX 1	House Hang Trim @23' 11"	
6	4' 5"	Overhead Mics		
7	5' 11"	LX 1A	House Hang Trim @ Variable	
8	7' 3"	-		
9	7' 9"	-		
10	8' 3"	Border #1	House Trim @ 21' 0"	Black Velour No Fullness
11	8' 9"	Legs #1	20' 0" off Centre Line	Black Velour No Fullness
12	9' 3"	-		
13	9' 9"	-		
14	10' 3"	-	*Pipe may hit LX2*	
15	11' 1"	LX 2	House Trim @23' 03"	
16	12' 1"	-	*Pipe may hit LX2*	
17	12' 7"	-		
18	13' 1"	-		
19	13' 7"	-		
20	15' 0"	Midstage Black	Traveler; Manual Operation (SR) Tracks/Flys.	Black Velour 50% Fullness
21	16' 0"	MS Projection Screen		PVC Cyc
22	16' 5"	Border #2	House Trim @ 21' 10"	Black Velour No Fullness
23	16' 11"	Legs #2	20' 0" off Center Line	Black Velour No Fullness
24	17' 5"	-		
25	18' 9"	LX 3	House Hang Trim @25' 02"	
26	19' 7"	-		
27	20' 2"	-		
28	20' 8"	-		
29	21' 2"	-		
30	22' 6"	-		
31	23' 0"	-		
32	23' 6"	-		
33	24' 0"	-		
34	24' 6"	Border #3	House Trim @ 10' 10"	Black Velour No Fullness
35	25' 0"	Legs #3	21' 0" off Center Line	Black Velour No Fullness
36	25' 6"	Black Scrim		Black Sharks Tooth
37	26' 1"	LX 4 (Cyc LX)	House Hang Trim @22' 06"	
38	27' 1"	-		
39	27' 7"	-		
40	28' 1"	Upstage Black	Traveler; Manual Operation (SR) Tracks/Flys.	Black Velour 50% Fullness
41	30' 10"	Upstage Cyclorama		PVC Cyc

Measurements are from the US side of the proscenium arch

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STAGE DRAPERIES

Mains

Valance	Material: 25 oz Velour with 50% fullness Colour: Bordeaux Operation: flys – counterweight; 5 line set
Main Drape	Material: 25 oz Velour with 50% fullness Colour: Bordeaux Operation: motor driven traveler or Guillotine 10 seconds open/10 seconds close Control: DSR panel and Control Booth

MASKING

Colour	Black
Material	20 oz. Velour
Legs	3 Pair @ 24'-0"h x 15'-0"w 1 Pair @ 24'-0"h x 6'-0"w
Borders	3 @ 8'-0"h x 60'-0"l
Travellers	2 Sets: each set consists of two panels @ 24'-0"h x 29'-0"w fullness sewn in: 50% Locations: Upstage (lineset 40) & Midstage (lineset 20) Midstage Traveller on rear fold carriers

Cyc & Scrim

Cycloramas	Colour: Rosco Twin White (PVC) Quantity: 3 Dimensions: 24'-0"h x 54'-0"w (Suitable for front or rear projection)
Scrim	Colour: White (sharkstooth) Quantity: 2 Dimensions: 21'-6"h x 54'-0"w
	Colour: Black (sharkstooth) Quantity: 2 Dimensions: 24'-0"h x 54'-0"w

LIGHTING AND ELECTRICAL

Type of Electrical Service	AC
Service Hook-up Locations	Down Stage Right 400 Amps Down Stage Left 400 Amps
Type of Service Connection	Cam Loc E Series ground and neutral reversed
Location of Lighting Control Booth	Centre, rear of house
Location of Follow Spot Positions	Lighting Control Booth, centre rear of house.
Lighting Control Board (Main Desk)	HOG4 with DMX 8000 package Axon HD Media Server

Hog Dmx Widget

Backup/Portable Desk	ETC Express 24/48 96 channels 24 channel two-scene operation 48-channel single-scene operation Ten pages of either 12 or 24 sub masters
Location of Main Lighting Board	Lighting Booth at rear of house
Type of Dimmer Control	DMX 512 or sACN
Location of Lighting Board Remote Inputs	Portable on stage Tech. Station Down Stage Right Down Stage Left Sound Catwalk FOH Catwalks # 1, # 2 House Centre
Make and Model of Dimmers	ETC Sensor
Number and Capacity of Dimmers	Rack # 1 1-96 2.4kw Rack # 2 97-192 2.4kw Rack # 3 193-205 (house/work lights) Rack # 4 206-230 2.4kw Rack # 5 231-254 2.4kw Portable Pack 1-12x2.4kw
Location of House Light Controls	Lighting Booth & Downstage Right
Total Number of Circuits	192 – see lighting plot for positions
Lighting Instruments	2 Lycian 1266 Super Arc 400 2 ETC S4wrD LED w19deg barrels and FS conversion kit 24 ETC S4 Par 750 watt 37 ETC S4 15-30 deg. 750 watt 22 ETC S4 25-50 deg. 750 watt 28 ETC S4 26 deg. 750 watt 36 ETC S4 36 deg. 750 watt 40 ETC S4 50 deg. 750 watt 6 Selecon Aurora 4 cell Linear Cyc unit 1000watt per cell 6 Selecon Aurora Single cell Cyc unit 1000 watt 18 Lee/Colortran Fresnel 10" 1000 watt 22 Elation Picasso moving head fixture 10 Chauvet Rogue R2X LED spot 24 ETC Colour Source spot Deep Blue 16 Chauvet Ovation LED Batten fixtures (8-CYC,8-Ground)
Accessories	24 A size pattern holders for Source 4 18 B size pattern Holders for Source 4 9 Drop in iris units for Source 4 12 10" Barndoors

- 6 ETC Source 4 - 50deg. lens tubes
- 17 Morpheus Mfaders with 7 1/2" mounting plate
- 14 6 1/4" mounting plates for Mfaders
- 1 20 inch Mirror ball with motor
- 1 Amhaze whisper w/ remote
- 2 Apollo Gobo Rotators
- 5 19 deg ETC S4 barrels
- 6 Rosco IPro Image projector
- 2 Antari M7 fogger/LED combo RGB

Light Stands

- 2 Strand Century adjustable heights, max. height 8'
- 9 Pipe Stands, 10' high 1 1/2" outside diameter

Step Ladders

- 1 4 ft. wooden
- 1 6 ft. wooden
- 2 8 ft. fiberglass

Personnel Lift

- 1 JLG 20VP Self-Propelled personnel lift
Working Platform Height 19ft. 6in.
Maximum Platform Capacity 250 lbs.
One person operation; no outriggers required
Unit weight: 2100 lbs.

Extension Cables

- 1/ 100' 12/3 SJOOW Cable
- 18/ 50' 12/3 SJOOW Cables
- 18/ 25' 12/3 SJOOW Cables
- 31/ 10' 12/3 SJOOW Cables
- 28/ 5' 12/3 SJOOW Cables
- 1/ 43'-0" x 5 circuit multi-cable
- 1/ 55'-0" x 5 circuit multi-cable
- 1/ 65'-0" x 5 circuit multi-cable
- 18/ two-fers
- 20/ male twist-lock to 15 amps female u-ground adapters
- 10/ 15 amp. Male u-ground to female twist-lock adapters

Colour

All Colours listed are Lee and pre-framed.

COLOUR #	# OF 6 1/4"	# OF 7 1/2"	# OF 10"	COLOUR #	# OF 6 1/4"	# OF 7 1/2"	# OF 10"
101	15	17	18	102	15	16	18
103	15	16	19	104	15	18	18
105	11	16	17	106	10	14	17
107	14	18	18	109	14	16	18
110	16	18	18	111	15	18	17
113	15	18	19	115	12	17	19
116	14	7	18	117	14	19	19
118	12	11	18	119	17	11	18
120	15	16	15	121	14	19	17
122	16	18	12	124	10	15	18
126	16	12	19	127	13	18	16
128	16	22	18	132	7	20	15
134	14	19	16	136	11	10	18
137	14	17	18	138	15	18	18
139	12	17	21	141	12	18	19
142	17	18	18	143	16	17	18
144	14	18	19	147	14	17	18
148	11	18	14	151	9	16	18
152	16	18	17	153	10	16	18

154	13	17	16	156	11	17	18
157	17	14	17	158	17	21	18
159	18	18	18	161	17	19	18
162	14	16	18	164	13	19	19
165	11	16	17	166	14	19	13
170	11	17	19	174	12	19	18
176	16	18	18	179	12	18	19
180	16	12	12	181	16	18	19
182	15	17	18	183	12	10	17
195	13	15	15	196	16	17	17
201		17		207		18	
208		10		210		8	
217		14	18	220		17	
250		2	14	251		26	11
253		9		019	17	15	14
022	15	17	18	036	15		
046	15	19	11	048	14	18	13
058	16	16	13	090	6	18	16
332	16	15	14	343	15	12	12

Access to Front of House Catwalks, and Boxes: 30 steps, on Stage Right and Stage Left, stairwells 3'-8" and 2'-8" wide, going from stage; stage level to catwalks: 2 landings, 2 doors

NOTE:

The use of flash pots, flames (including open candles), flame projectors or smoke effects must be pre-approved by the Technical Director and the local Fire Department. The Theatre reserves the right to forbid use of any such effects at any time without debate. A qualified stage technician(s) with Federal Pyro Certification must be present for set-up and operation of all pyrotechnic effects. Due to an oversensitive smoke detection system upgrade, the use of foggers/hazers also requires prior arrangement in order to have these systems temporarily disarmed.

SOUND

Max. House Sound Level	105 db. Constant
Service Hook-up for Touring Systems	3 phase, 4 wire, 100 amps isolated
Service Hook-up Location	Down Stage Left
Type of Electrical Service	AC
Type of Service Connection	Cam Loc E Series ground and neutral reversed
Location and Number of Isolated 15 amp 120volt U-Ground outlets	6-Split Outlets Down Stage Left 1-Down Stage Right 1-Up Stage Centre 1- Stage Left Light Slot
Audio Mix Positions	A) In house sound cockpit, centre rear of house (Cockpit dimension: 6'-6"l x 5'-4"w; desk @ +2'-2"h) B) Sound Booth at rear of house left with opening window. C) Stage Left wing – monitor mix
Mixing Consoles	House Position: Digico SD8 console 120 ch mono or stereo 48 busses mono or stereo+ 12 Matrix and

Dual solo busses, online effects and graphic Eq's, remote D2 stage rack + local I/O

Booth Position: Digico S21 40 mono or stereo channels
48ch D2 rack, 10 VCA's, 16 mono or stereo busses, 10X8 matrix, recording capabilities

Monitor: Digico S21 40 mono or stereo channels
48ch D2 rack, 10 VCA's, 16 mono or stereo busses, 10X8 matrix, recording capabilities

Type of Consoles Equalization Digico SD8 (In House Mixing Desk)
120 Mono or stereo inputs.
On board effects and graphic Eq's
High-Pass: Varied from 20 Hz to 400Hz
HF and LF: +/-15 dB cut/boost at 12KHZ AND 60 Hz respectively.
Lo-mid: +/-15 dB cut/boost at 40Hz-1.2 KHz: its Hi-Q switch changes the Q from 1.3 to 2.6
Hi-mid: +/-15 dB cut/boost at 400Hz-12 KHz.

PROCESSING AND PLAYBACK EQUIPMENT CANNOT BE MOVED

Type of Equalization Meyer sound Galileo 616 (x2)

Digital Inputs 2 48 ch Digico D2 racks, Madi controlled from all Digico consoles. Total 96 input channels, 32 output ch

House audio Snake (redundant copper) 40 channel going to: house cockpit
40 channel transformer split going to: Control Booth
40 channel transformer split going to: Monitor mix position SL

Location of Audio Snake Head 12 channel DSR going to snake head on DSL
20 channel return from house cockpit to snake head DSL
10 channel return from Control Room to snake head DSL
12 channel return from snakehead down stage left to DSR
16 channel from Rehearsal Room to snake head DSL
3 channel return to Rehearsal Room
4 microphone inputs in audience area. House left & right, upper and lower.

House Speakers 8/ Meyer JM-1P
2/ Meyer UPQ-1P
5/ Meyer HM-1
2/ Meyer 650-P Self-Powered Subs 2/18"
2/ Meyer 700-HP Self-Powered Subs

Position of House Speakers JM-1P: 4 stage right. 4 stage left (Flown)
UPQ-1P: 2-Centre Cluster (Flown)

Monitor Speakers 8/ Outline iSM 112
2/ Outline iSM 115
6/ Meyer UM-1P 350 watts (stage)
2/ Meyer UM-100P 350 watts (stage)
2/ Meyer PSM-2 620 watts (stage)
2/ JBL 4412A studio monitors (sound control room)
2/ Fostex Personal Monitor 6301 B (Powered)
4/ KRK , VXT Personal Monitor (powered)

CD Player/MP3 player	2/ Numark MP103 cd/usb(Control Room) 1/ Numark Mp103 (FOH)	
Microphones	3/ Shure 57 5/ Shure. 58 1/ Sennheiser 409 4/ Sennheiser 421 4/ Sennheiser 431 4/ Sennheiser 441 3/ Radial J48 DI's (active) 8/ Radial JDI DI's (passive) 4/ Shure SM81 4/ Shure Microflex 2/ DPA SC4098 SCardiod 4/ Sennheiser E904 2/ Sennheiser E906 1/ Shure Beta 52A 1/ Shure Beta 91A 1/ Audix D1 2/ Audix D2 2/ Audix D3 2/ Audix D4 2/ AKG C 414 B-ULS 2/ AKG C 214 2/ AKG CK93 with SE300 capsule	
Wireless Microphone	Shure UHF 5/ UR4D Dual Channel Diversity Receiver 10/ UR2 Body-pack Transmitters 10/ Sennheiser MK-2 Microphone 10/ Countryman E6X Earset mic 8/ Shure SM58 UR2 Hand-Held Microphone 4/ Shure SM87 UR2 Hand-Held Microphone 4/ Shure Beta58 (Cartridge only)	
Frequency of Wireless Microphones	unit # 1-639.350 unit # 2-642.350 Unit # 3-650.675 unit # 4-663.475 Unit # 5-668.775 unit # 6-676.275 Unit # 7-684.700 unit # 8-695.300 Unit # 9-697.150 unit # 10-692.750	
Other Frequencies used in the building	Wireless Comm (Theatre) Audio Technica (Theatre Lobby) Audio Technica (MPH) Audio Technica (Heritage Hall) Audio Technica (X2) (Arena)	450-500 MHz 656.125 MHz 744.85 MHz 737.00 MHz 732.65 MHz 736.65 MHz
Microphone Stands	8/ Straight Round bases 20/ Straight Tripod 6/ Short Tripod 26/ Boom arms 4/ Piano boom arm	
Microphone XLR Cable	2/ 50' 8 channel black Digiflex sub snake 2/ 50' 4 channel black Belden sub snakes 12/ 4' black Canare star quad 13/ 10' black Canare star quad 33/ 25' black Canare star quad 10/ 50' black Canare star quad 1/ 100' black Canare star quad 2/ 25' black Belden with black connectors	

4/ 50' black Belden with black connectors

1/ 50' red Neutrik
 1/ 50' blue Neutrik
 1/ 50' green Neutrik
 1/ 50' yellow Neutrik
 1/ 50' grey Neutrik

INTERCOM

Type of Intercom	Clear Com 1/ MS 400A Main Station 2/ RM-440 Remote Stations HME 1/ RW-800 Wireless 4 channel Base Station
Frequency of Wireless Headset	450-500MHz
Quantity of Headsets	3/ HME 800 Belt Pack (wireless) 6/ Clear Com 501 Belt pack 1/ Clear Com 502 Belt pack 9/ Clear Com CC95 headsets 1/ Clear Com MR-102 Remote stations (located at the Sound cockpit) 1/ Clear Com KB-111A Speaker Station (located at Sound Control Booth, Lighting Control Booth, first floor dressing room hallway)
Intercom XLR Cable	4/ 4' yellow Canare star quad 4/ 25' yellow Canare star quad 5/ 50' yellow Canare star quad 1/ 100' yellow Canare star quad
Paging and Program Sound Goes to:	Control Booths Dressing Rooms Green Room Rehearsal Hall Stage Level Dock Theatre Lobby (program only)
Method of Audience Recall	Bell in theatre lobby.
Stage Manager's Desk	Portable with paging mic and convenience outlet
Stage Manager's Desk Locations	Stage Right Stage Left

VIDEO

Service Hook-up for Production Truck	1 phase, 3 wire, 100 amps
Service Hook-up Location	Loading Dock
Type of Electrical Service	AC
Type of Service Connections	Cam Loc E Series ground and neutral reversed 30amp 125/250 volt Twistlock outlet 50amp 125/250 volt Range outlet 50amp 125/250 volt Range outlet
Location of Video Distribution	Sound Control Booth

In House Video & Cable TV Feeds go to:	Lobby, sound booth, lighting booth, sound cockpit, quiet room, stage right, stage left, TV studio, box office, men's & women's dressing rooms, star dressing rooms, green room, rehearsal room, orchestra pit, loading dock.
In House Modulator Channels	Channel 16 (Production) Channel 69 Channel 71 Channel 73 Channel 75 (FOH in house camera)
BluRay Player	1- Panasonic DMP-BD65 2- Oppo UDP 203
TV & DVD Portable System	1- Samsung-32inch TV with DVD player on AV cart
Satellite Receivers	2- Bell express-Vu 6131

LCD/VIDEO PROJECTION FACILITIES

Location Of Projector	Rear in house center. Under hung from ceiling truss.
Type of Projector	Vivitek laser projector
Brightness	18k Lumens
Inputs	VGA terminal (located Downstage Left) All other feeds come from control room
Projector Control Location	Control Booth rear of house

PORTABLE PROJECTION SYSTEM WITH AUDIO

Type of Projector	2-NEC NP4100 with 08ZL lens (as above) 1-Cannon LV-7545 3700 lumens
Playback	Samsung V3500 DVD/VHS Combo
Video Monitor	Sony 8.5"
Sound Mixer	Beringer Eurorack MX1604A
Audio Playback	Dennon DN T620 CD/Cassette Combo
Equalization	BSS FCS960 Stereo Eq
Speakers	EV. SXA360 12" self-powered on stands (2-Way) EV. ZXA5 15" self-powered on stands (2-Way)
Projection Screens	1- 9' X 12' (Vinyl) 1- 16' X 21' (Vinyl)

LOAD-IN FACILITIES

Equipment is off-loaded at the dock and taken up to stage level via the freight elevator.

Loading Dock	Rear of complex; can accommodate (2) 50' trailer at a time Load leveler
Loading Dock Height	3'-2" +/- (Dock plate available or 20' ramp)
Dimensions of Freight Elevator	20'-0"l x 10'-4"d x 12'-0"h Max. Load: 11000 lb/ 4989 kg
Stairways to Stage level	Stage Right and Stage Left; 25 steps; 4'-4" wide stairways w/ 2 landings; doors top & bottom
Storage for Crates	Stage Level Dock First Floor Storage Room Additional storage may be available upon prior arrangement

BUS AND TRUCK FACILITIES

Power	Truck: 1/ 15amp 120volt U-ground on dock Bus: 1/ 30amp Dryer outlet 2/ 50amp Range outlet
City Water	1/ bib-spout at loading dock

TECHNICAL CONSULTATION

Please note that there is no charge for a pre-production technical consultation. The Technical Director is your link to ensuring the technical aspects of your event are executed in a cost-effective and well organized manner.

To arrange crew schedules and to discuss your technical requirements, please contact the Technical Director at (250) 746-3427, by e-mail at michael.schaefer@cverd.bc.ca.

STAGE CREW

Stage Crew is represented by I.A.T.S.E. Local 168 Vancouver Island. All crew calls and crew schedules are arranged through the Cowichan Performing Arts Centre Technical Director.

For work between 24:00 – 08:00 (midnight-8:00am) an additional ½ time premium applies for all crew.

Minimum Call:

The minimum call is four (4) hours, after which time worked is calculated in 15-minute increments. If a crew member is recalled to work following a break of more than two (2) hours, a new minimum four (4) hour call shall apply.

Meal Breaks:

The maximum working time allowed before a meal break is required is five (5) hours. The normal meal break period is one (1) hour, unpaid. Where time constraints dictate, the client can opt for crew to take a one-half (1/2) hour, paid meal break, which is paid at the prevailing rate and included in the calculation of time worked.

Meal Penalty:

Should a technician be required to remain on duty after a period of five (5) hours, s/he shall be paid an additional 50% of the prevailing hourly rate until released for a meal break or end of call.

USE OF HAZARDOUS MATERIALS IN COWICHAN PERFORMING ARTS CENTRE

SUBSTANCE REGULATIONS

Government of Canada legislation requires that the use of “controlled” products in our theatre and center comply with the rules under WHMIS (Workplace Hazardous Materials Information System). Controlled products include:

The WHMIS requirements are contained in the WCB Regulations, Book 2-5.3 to 5.21

- 1) Compressed Gas
- 2) Flammable and Combustible Material
- 3) Oxidizing Material
- 4) Poisonous and Infectious Material
- 5) Corrosive Material
- 6) Dangerously Reactive Material

WHMIS regulations require that:

- a) Anyone using controlled products in the workplace must be informed as to its safe storage, handling, use, and disposal.
- b) All containers of controlled products must have warning labels attached that meet regulation requirements.
- c) MSDS (Material Safety Data Sheet) for any controlled product must be available and be maintained in the immediate work area.

Some substances such as explosives, radioactive materials, and tobacco are covered under separate regulations. Smoking in the Cowichan Performing Arts Centre Complex is not permitted under WCB regulations.

OCCUPATIONAL HEALTH & SAFETY REGULATIONS

ASBESTOS IN THE WORKPLACE

Government of British Columbia Legislation and regulations prohibit the use of asbestos materials in the workplace where such use would have the potential risk that asbestos particles could be inhaled into workers lungs.

These regulations, in particular, PROHIBIT THE USE OF ASBESTOS CLOTH AND ASBESTOS COVERED ELECTRICAL CORDS, INCLUDING LAMP EXTENSIONS, ON STAGE LIGHTING EQUIPMENT.

In order to fully comply with these regulations, such hazardous materials SHALL NOT, under any circumstances, be admitted into the Cowichan Performing Arts Centre.

Please advise your appropriate technical staff and/or equipment rental companies of the above, and make them aware of these issues and the associated penalties for contravention of the regulations.

POSSESSION & ACQUISITION LICENSE FOR RESTRICTED FIREARMS

FIREARMS, PROHIBITED OR RESTRICTED WEAPONS.

Canadian Federal Government require that all employees whose job involves, or could involve, the handling of firearms, prohibited or restricted weapons, or prohibited devices or ammunition, must hold a Possession and Acquisition License for restricted firearms.

Please advise the Technical Director if you intend to use any restricted devices in your event so that we can assure that appropriate staff are in place to meet this regulation.

Please consult the Canadian Firearms Centre at <http://www.cfc-ccaf.gc.ca/> for additional information on handling and transportation of restricted equipment and materials.