

BARDAVON 1869 OPERA HOUSE

TECHNICAL INFORMATION

GENERAL STAGE INFORMATION	
Number of seats in house:	944
Proscenium width:	34'
Proscenium height:	22'
Plaster line to US wall:	23'
Plaster Line to Edge of Apron	3'6"
Plaster Line to Edge of Thrust	11'6"
Stagehouse wall to wall:	80'
Stage Right wing:	200 square feet
Stage Left wing:	250 square feet
Loading Door:	9' H x 5' 10" w
Balcony Rail to Plaster Line:	46', 15 degrees up
FOH Booms to Plaster Line:	70', 30-40 degrees up
Crossover:	Below the Stage
Fly Rail:	Stage Left at 24' from deck

POWER	
Lighting tie-in:	400 amp/3 phase/Stage Left
Audio tie-in (isolated ground):	200 amp/3 phase/ Stage Left-Bare Tail
Shore Power:	(2) 60 amp/3 phase/Outside SL-Bare Tail

DRESSING ROOMS	
3 below stage (2 basic, 1 with toilet/shower)	
Small chorus area between dressing rooms	
Washer & dryer, steamers, iron & ironing boards available.	
Additional space can be arranged for dressing rooms if required. Please inquire prior to arrival.	

LIGHTING, SOUND, & VIDEO

Lighting

Main dimmer rack: ETC SENSOR	192-2.4k dimmers
5 electrics	24 circuits on 1E-4E
Deck Circuits	20 per side
FOH Circuits	12 per Balcony Boom, 30 on balcony rail
Light board:	ETC Ion XE 20 with a 40 fader wing section
Spot Light:	2 x Lycian Super-Arc 400

Audio

Primary PA Spec

Flown Array:	EV XLC Bi-Amp Line Array, 90 Degree horizontal throw. Vertically tuned, 8-box per side array. Complete and even coverage of venue at high dB SPL output
Flying Array Amps:	(6)Crown XLS 2002 amps in Bi-Amp mode
Array Zones:	Independent low and mid/high adjustment on the bottom three, mid three, and top two boxes.
Subwoofers:	(4) EV QRx 218s (two per side)
Sub Amps:	(2) Crown XLS 2502 amps in passive mode (One amp per side)
Center Fills (mono):	(4) EAW JF60 Passive Front Fills
Fill Amp:	Crown XLS 1502 amp, daisy chained, can be stereo configured
Installed Audio Snake:	XLR Snake (40x8, 40 inputs w/ 8 returns) w/ wall mounted stage box in DSL wing. Veam Split stage box to male tails at FOH, and to male tails at SR or SL Phantom power can be provided by FOH or Monitor World
Processing:	(2) DBX DriveRack VENU360's
Monitors:	8 x DVX DM15 15" 2-Way Active Floor Monitor

Video	
Projector:	Panasonic PT-RZ120 WUXGA
Blue-Ray Disc Player:	Onkyo DV-BD606
FOH Computer:	Mac Mini with Qlab
Movie Screen:	20' H x 34' W hung +3' 6" from plaasterline

SOFT GOODS INVENTORY		
Main Curtain	1	Traveler only, SL control on deck
Grand Teaser	1	18' to 22' Trim
Black legs	4 sets	22' H x 12' W (on travelers, w/ tabs)
Black borders	4	8' H x 42' W
Full stage black	1	22' H x 42' W
Black scrim	1	22' H x 42' W
White cyclorama	1	22' H x 42' W

RIGGING INFORMATION	
Rigging is 5/8" polyester Rope & Sandbag	
Line sets	36
Pipe Length	42'
Pipe trim out height	42'
Grid height	56' free
Max Loading Per Batten	
Distributed load along pipe:	17 lbs per linear foot
Single point midspan between picks:	110 lbs
Two point loads at third points in span:	85 lbs each
Point load at any one pick:	550 lbs
Total batten loading:	550 lbs

Comms & Monitoring

Comm Units:	8 x Clear-Com
Video Monitors:	Stage Left @ SM position
Static Camer:	Under Balcony at FOH position

LINE SET SCHEDULE & HOUSE HANG

<i>Line</i>	Distance from Plaster Line	Purpose	Weight (lbs)	Trim Height	Notes
1	6"	Fire Curtain			
2	1'	Main Curtain			Split at center
3	1' 9"	1 st Electric			Cir 67-90
4	2' 9"				
5	3' 3"				
6	3' 6"				
7	4' 1"	Movie Screen			
8	4' 8"	1 st Border			
9	5' 2"	1 st Legs			Fixed Lineset
10	6' 3"	2 nd Electric			Cir 91-114
11	7' 0"				
12	7' 5"				
13	8' 6"	DS Works			Fixed Lineset
14	9' 6"				
15	10' 4"	2 nd Border			
16	10' 9"	2 nd Legs			
17	11' 3"				
18	11' 11"				
19	12' 6"				
DL	13' 2"	Drop Line			

cont. on next page

20	13' 9"	3 rd Electric			Cir 115-138
21	14' 10"				
22	15' 3"	3 rd Border			
23	15' 10"	3 rd Legs			Fixed Lineset
24	16' 6"				
25	16' 10"				
26	17' 3"	US Works			Fixed Lineset
27	17' 9"	4 th Electric			Cir 139-162
28	18' 9"				
29	19' 3"				
30	19' 8"	4 th Border			
31	20' 3"	4 th Legs			Fixed Lineset
32	20' 9"	Black Scrim			
33	21' 3"	5 th Electric-Strip			Cir 163-174
34	22' 3"				
35	23' 5"	White Cyc			
36	23' 7"	Main Black			