

Ulster Performing Arts Center



Technical Information

General Stage Information:

<i>Number of seats in house:</i>	1510
<i>Proscenium width:</i>	38' 3"
<i>Proscenium height:</i>	24'
Stage dimensions:	
<i>Plaster line to US wall:</i>	29' 9"
<i>Plaster line to last line set:</i>	26' 11"
<i>Apron depth:</i>	8' Including 4' stage extension. Can be removed at additional cost.
<i>Stagehouse wall to wall (SR wall to SL Fly Rail):</i>	73' 11"
<i>Stage Right wing (proscenium edge to wall):</i>	14' 9" W x 30' D
<i>Stage Left wing (proscenium edge to fly rail):</i>	20' W x 30' D
<i>Fly Rail:</i>	Stage Level, Stage Left
<i>Grid height:</i>	48' 10"
<i>Pipe trim out:</i>	43' 6"
<i>Number of line sets:</i>	26
<i>Stage floor is Masonite over wood. Marley available.</i>	
<i>Rigging is single purchase arbor counter-weight system.</i>	

Soft Goods Inventory:

<i>Black legs (50% fullness)</i>	6 sets	24' H x 10' W
<i>Black legs (flat)</i>	1 set	24' H x 10' W
<i>Black tabs (flat)</i>	4 sets	24' H x 4' W
<i>Black borders (50% fullness)</i>	4	8' H x 40' W
<i>Full stage black (split at center)</i>	1	24' H x 40' W
<i>Black scrim</i>	1	24' H x 40' W
<i>White cyclorama</i>	1	24' H x 40' W



Dressing Rooms:

<i>3 at stage level (1 basic, 2 with toilet/shower)</i>
<i>3 upstairs (basic)</i>
<i>Toilets each level</i>
<i>General large chorus room under stage (no toilets)</i>
<i>Washer & dryer in basement.</i>
<i>2 steamers, irons & ironing boards available.</i>

Rigging Information:

Rigging is single purchase arbor counter-weight system

<i>Line sets</i>	26
<i>Pipe Length</i>	52'
<i>Pipe trim out height</i>	43'6"
<i>Grid height</i>	48'9"
<i>Grid maximum floor live load:</i>	50 PSF

Max Loading Per Batten:

<i>Distributed load along pipe:</i>	17 lbs per linear foot
<i>Single point midspan between picks:</i>	110 lbs
<i>Two point loads at third points in span:</i>	85 lbs each
<i>Exceeding the above will bend the batten pipe!</i>	
<i>Point load at any one pick:</i>	550 lbs
<i>Total batten loading:</i>	550 lbs

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Line Set Schedule & House Hang:

Line	Distance from Plaster Line	Purpose	Weight (lbs)	Trim Height	Distance from Center
A	1'3"	Main Curtain	300	19'	Split at center
1	2'3"	Legs (24' x 10')	90		19'
2	3'5"	Raceway 1E (circ# 1-16)		23'	
3	4'3"				
4 4A	5'4"	Movie screen	875		
5	6'4"				
6	7'5"	Border (40' x 8')	80	27'	
7	8'7"	Legs (24" x 10')	90		19'
8	9'9"	Raceway 2E (circ# 17-32)		23'4"	
9	10'9"				
10	11'7"	Sound Monitors	180		12'
11	12'5"	Midstage Black (24' x 40')			Split at center 1ft overlap
12	13'4"	Border (40' x 8')	80	27'4"	
13	14'3"	Legs (24" x 10')	90		19'
14	15'1"				
15	16'0"				
16	16'10"	Raceway 3E (circ# 33-48)		24'	
17	17'9"				
18	18'7"	Border (40' x 8')	80	28'6"	
19	19'6"	Legs (24" x 10')	90		19'
20	21'3"	Raceway 4E (circ# 49-64)		24'	
21	22'4"	Border (40' x 8')	80	28'	
22	23'3"	Legs (24" x 10')	90		18'
23	24'2"	Black Scrim	65 w/ bottom pipe		
24	25'3"	5E Strip lights	310		
25	25'8"	White Cyc	85 + 60 lb Bottom Pipe		
26	26'11"	Full Stage Black	260		

4 sets of tabs are on dead-hung traveler tracks SL & SR, running upstage to downstage to mask wing space.



LIGHTING, SOUND, & VIDEO

Lighting:

<i>Main dimmer rack: ETC SENSOR</i>	96-2.4k dimmers
<i>Secondary dimmer rack: TTI MDS-672</i>	6-7.2k dimmers
Note: Power for these dimmers comes from 3-phase cam-lock tails normally used for lighting tie-in.	
<i>5 electrics</i>	16 circuit raceway on 1E-4E
<i>Lighting Console:</i>	ETC Ion with 40 fader wing section

Lighting Inventory:

2	Lycian M2 Modular Follow Spots HMI 1200
52	SourceFour PAR56 WFL
5	8' Chroma Q Color Force 2 RGBA LED strip lights (5th Electric)
2	6' R40 strip lights 300w
6	8' R40 strip lights 300w
16	Source 4 Ellipsoidal 14 deg 750w (FOH booms)
56	Source 4 Ellipsoidal Units 575w
29	26 deg. lens tubes
29	36 deg. lens tubes
4	14 deg. lens tubes
4	50 deg. lens tubes
4	A size pattern holders
50	B size pattern holders
4	S4 drop in iris
17	18" sidearms
14	12" sidearms
4	6" barn doors
10	8" barn doors
17	Top hats

Stage Pin Cable:

1	125'
5	100'
1	75'
15	50'
2	40'
1	35'
16	25'
4	20'
19	15'
35	10'
12	5'
3	3 x 50' bundles
51	Two-fers



LIGHTING, SOUND, & VIDEO

*Additional Lighting Coming Mid '22

<i>Lighting Console:</i>	
ETC Ion XE 20 w/ 40 Fader Wing Section & Dual Touch-Screen Monitors	

<i>Lighting Inventory:</i>		<i>5-Pin DMX Cables</i>	
10	Prolights JetSpot 4z Spot Beam Moving Lights	1	125
4	Prolights Pixie Wash XB Wash Beam Moving Lights	2	75'
1	Fleenor Isolated Opto Splitter	20	25'
		20	15'
		20	10'

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Power:

<i>Lighting tie-in:</i>	400 amp/208 volt/3 phase
<i>Audio tie-in (isolated ground):</i>	200 amp/208 volt/3 phase
<i>Shore Power:</i>	(1) 50A 220V NEMA 14-50 receptacle and (1) 20A 120V GFCI edison receptacle (each on separate circuits) located outside the SL door near Cedar St.

Video: (available for an additional rental fee)

<i>Projector:</i>	Panasonic PT-RZ120
<i>Video Switcher:</i>	Shinybow SB-5526 4x2 Component Matrix Switcher
<i>LCD Monitor:</i>	Sanyo DP19649
<i>Blue-Ray Disc Player:</i>	Onkyo DV-BD606
<i>Movie Screen:</i>	14.5' x 38' perforated with built-in masking (<i>permanently hung</i> on linesets 4 and 4A)

Comms and Monitoring:

<i>Comm Units:</i>	(8)	Telex Wired Units
	(5)	Clear-Com Wired Units
<i>Stage Video Monitors:</i>	SL Located on Audio Rack:	Vizio D24hn-E1
	SR Located at SM position:	Samsung 2033SW
<i>Static Camera:</i>	Mounted under balcony	

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Sound:

<i>FOH Console:</i>	Allen & Heath QU32	
<i>Backup Analog Console:</i>	Midas Venice 320	
Additional Rack Units:		
	EQ:	(3) ASHLY MQX 2310
	Compressor/ Limiters:	Behringer MDX 2200 Behringer MDX 2600
	<i>CD/Cassette Combi-Deck:</i>	Denon DN-T620
	<i>CD Recorder:</i>	Marantz CDR 633
Mics:		
<i>Wired Mics:</i>	(4)	Shure SM 58
	(3)	Shure SM 57
	(3)	Shure SM 94
	(1)	Shure Beta 52A
<i>Wireless Mics:</i>	(2) Sure SLX4 w/ SM58 and B58 capsules	
<i>Installed Audio Snake:</i>	Ramtech STGBX-54-XP (48x6) (4) 12 channel stage boxes/multi cables available	
Primary PA Spec:		
<i>Flying system:</i>	EV XLC Bi-Amp Line Array, 90 Degree horizontal throw. Vertically tuned, 10-box per side array. Complete and even coverage of venue at high dB-SPL output	
<i>Flying Array Amps:</i>	(6)Crown XTi 4002 amps in Bi-Amp mode	
<i>Array Zones:</i>	Independent low and mid/high adjustment on the bottom three, mid three, and top four boxes.	
<i>Subwoofers:</i>	(4) EV QRx 218s (two per side/one per side with apron stair sections out)	
<i>Sub Amps:</i>	(2) Crown XTi 6002 amps in passive mode (One amp per side)	
<i>Center Fills (mono):</i>	(4) EAW JF8 Passive Front Fills	
<i>Fill Amp:</i>	Crown XTi 2002 amp, daisy chained	
<i>Processing:</i>	DBX DriveRack 4800 located in DSL wing, control laptop at FOH mix.	