

Technical Specifications

Emens Auditorium, Ball State University, Muncie IN

Director: Bob Myers (765) 285-1542 email: rmyers@bsu.edu

Assistant Director of Marketing: Kristi Chambers (765) 285-1544 email: kkchambers@bsu.edu

Events Manager: Dina Byrnes (765) 285-9037 email: dbyrnes2@bsu.edu

Office Manager: Deanna Boyd (765) 285-8156 email: dboyd1@bsu.edu

Box Office: (765) 285-1539 email: emens@bsu.edu

Technical Director: Christian O'Brian (765) 285-1719 email: caobrian@bsu.edu

Stage Technician/Sound: James Whiteman (765) 285-1719 email: jwhiteman@bsu.edu

Stage Technician/Lighting: Garod Cavanaugh (765) 285-1719 email: gccavanaugh@bsu.edu

Office Fax: (765) 285-3719

LOADING DOCK

The loading dock is approximately 48 inches above ground level and is stage level with two dock levelers. Stage entrance door is 10' x 10'. The loading dock area can accommodate two trucks at the dock and parking for three buses near the stage entrance. Shore Power for 2 buses located on the wall running perpendicular to the dock

STAGE

Proscenium: 85' wide x 30' high

Stage depth: Proscenium wall to back wall = 40'

Apron to back wall: 60'

Wing space: Stage right = 30' Stage left = 30'

Overall width of stage: 145'

Size of apron: 4' deep x 85' wide'

Size of orchestra pit: 14.5' depth in center & 9.5' depth at ends x 60' width height is adjusted by hydraulics

Height from floor to grid: 76'

Distance from proscenium to F.O.H. light positions: 75'

Distance from proscenium to spot light booths: 160'

Distance from proscenium to balcony overhang: 101'

Distance from B.O.H. to orchestra pit lip: 113'

Distance from upstage pit to Act Curtain: 7' 1"

PROPERTIES

65 - Music stands (Manhasset)

70 - Music stand lights

80 - Musician chairs

Conductor's podium

Orchestra pit carpet

2 - 6"x4' x 4' riser platform

5 - 6"x 4' x 6' riser platform

6 - 6" x 4' x 8' riser platforms

8 - 12" x 4' x 6' riser platforms

10 - 18" x 4' x 6' riser platforms

10 - 24" x 4' x 6' riser platforms

19 - 30" x 4' x 6' riser platforms

2 - 24" x 4' x 8' riser platforms

1 - Steinway & Son's concert grand piano

Technical Specifications

Emens Auditorium, Ball State University, Muncie IN

LOCKING RAIL

Counterweight system located stage right
Mid rail located stage right with cable pick pin rail
54 lines on 8" centers
15' Arbors
92' Battens
Maximum load per batten = 1500 lbs. (Line plot attached)

SOFT GOODS:

LEGS(TRAVELER)	BORDERS	FULL B.O.CURTAINS
# of pairs: 4	3 @ 15 x 92	Quantity: 1
Size: 35 x 40	1 @ 15 x 60	Size: 35 x 65
Color: Black	Color: Black	Color: Black
FULLTRAV.CURTAINS	SCRIM	CYC
Quantity: 2	Quantity: 1	Quantity: 1
Size: 35x80	Size: 30x40	Size: 40x85
Color: Black	Color: Black	Color: White

DRESSING ROOMS

Two chorus rooms located below stage can accommodate 20 each.
Three star dressing rooms are at stage level (2 stage left and 1 stage right).
Rooms are equipped with make-up tables, mirrors, lights, chairs, showers, toilets and sinks.
NOTE: Star dressing room stage right does not have shower and is often used as visiting technical office.
Laundry room located below stage near dressing rooms w/2 washers, 2 dryers, 2 steamers & 2 irons.

SOUND EQUIPMENT- CONTACT CHRISTIAN O'BRIAN FOR MORE INFORMATION

House Sound: FOH
Digico SD10 with Single SD Rack Stage Left (56 Inputs)
Console is located at center under balcony.
There is secondary platform (21' w x 11' d) at the back wall for traveling shows.

House Mains:

Center Cluster: 6 - JBL Vertec 4888
L/R Clusters: 10 - JBL Vertec 4888 DP
Subs: 8 - JBL Vertec 4880A (can be deployed in a cardioid)
Lip Fills: 8 - JBL MS 26
Under Balcony: 8 - JBL Control 29
4 - JBL SRX 725 for out and in Fill as needed
8- L-Acoustics 112 P Self Powered Monitors

Miscellaneous:

Analog Split terminates off stage left.
Dual channel Clear-Com system (A, B & 2 dry lines)
Cast call and Program to dressing rooms, green room operating booths and off stage.
Stage Power Distribution as Needed

Technical Specifications

Emens Auditorium, Ball State University, Muncie IN

LIGHTING EQUIPMENT CONTACT GAROD CAVANAUGH FOR MORE INFORMATION:

We have an ETC EMPHASIS server with 2-INSIGHT faceplates. There is an ETC Network with DMX Nodes (4 assignable DMX ins or outs) located SL, SR, Dimmer Room, & Control Booth. Either the Unison system or the light board can control House Lights. We have a GrandMA2 (Full Size) Console that is available at an additional cost.

There is a secondary platform (21'w x 11'd) at the back wall for traveling shows

Dimmer per circuit:

311 - 20 amp circuits broken up as follows:

48 - Circuits at FOH Position

28 - Circuits on batten #5

28 - Circuits on batten #15

20 - Circuits batten #34

18 - Circuits on each of the following battens: #9, 21, 30, 43, 50

32 - Circuits in floor pockets on S.R.

32 - Circuits in floor pockets on S.L.

NOTE: All 48 FOH circuits are accessible at stage manager's panel S.R. for transfer patch use. (3 pin stage connectors)

Instruments:

40 - 19° Source 4 (FOH)

8 - 10° Source 4(FOH)

60 - 1k 8" Fresnels (Century)

10 - 2k 12" Fresnels (Century)

60 - Altman Par 64's

40 - Source 4 Pars

6 - 1k 4 color Far Cys (Berkley Colortran)

10 - 19° Source 4

35 - 26° Source 4

35 - 36° Source 4

10 - 50° Source 4

Intelligent fixtures: Additional charges apply.

12 - Martin MAC Vipers Profiles

4 - Martin MAC Vipers Performance

16 - Mac 101 RGB LED

20 - Mac 301 LED

1- DF-50 Reel FX Hazer

Spotlights:

2 - 2.0K Xenon Strong Super Trouper4

Power Distribution:

All with Cam-Lock or lugs for tie-in

Located in basement Down Right (accessible through floor. pocket):

2-400 amps 120/208

Located Up Right within 50' of center:

400 amps 120/208

200 amps 120/2084

Located Down Left:

Sound Power on and Isolated Transformer

200 amps 120/208

Technical Specifications

Emens Auditorium, Ball State University, Muncie IN

Emens Auditorium BATTENS LINE SET LIST

Pipe	Distance	Description	Pipe	Distance	Description
1		Grand Border	31	18' 8"	*
2		House Legs	32	19' 4"	*
3	0' 0"	Act Curtain	33	20' 0"	*
4	0' 8"	*	34	20' 8"	Elect (20 circuit)
5	1' 4"	Elect (28 circuits)	35	21' 4"	*
6	2' 0"	*	36	22' 0"	*
7	2' 8"	*	37	22' 8"	*
8	3' 4"	*	38	23' 4"	Border / Full Traveler
9	4' 0"	Elect (18 circuits)	39	24' 0"	Legs
10	4' 8"	Legs / Full Traveler	40	24' 8"	*
	5' 4"	Shell Winch		25' 4"	Shell Winch
	6' 0"	Shell Winch		26' 0"	Shell Winch
13	6' 8"	Border	43	26' 8"	Elect (18 circuit)
14	7' 4"	*	44	27' 4"	*
15	8' 0"	Elect (28 circuits)	45	28' 0"	*
16	8' 8"	*	46	28' 8"	Border
17	9' 4"	*	47	29' 4"	Legs
18	10' 0"	Border	48	30' 0"	*
19	10' 8"	Legs	49	30' 8"	*
20	11' 4"	*	50	31' 4"	Elect (18 circuit)
21	12' 0"	Elect (18 circuits)	51	32' 0"	*
22	12' 8"	*	52	32' 8"	*
23	13' 4"	*	53	33' 4"	*
24	14' 0"	Black Out	54	34' 0"	*
25	14' 8"	*	55	34' 8"	*
	15' 4"	Shell Winch	56	35' 4"	CYC
	16' 0"	Shell Winch	57	36' 0"	Black Out
28	16' 8"	Border	58	26' 8"	Storage Only
29	17' 4"	Legs	59	37' 4"	Storage Only
30	18' 0"	Elect (18 circuits)	60	38' 0"	Storage Only

* - Spare