

GENERAL TECHNICAL INFORMATION

North Shore Center for the Performing Arts in Skokie – Center Theatre

THE SEATING CAPACITY of the theater is 867. There are 527 seats located on the main floor, 300 located in the balcony, and 40 located in the 6 boxes on either side of the auditorium. There are 32 seats in the first 2 rows that are removable to allow for use of the orchestra pit or stage extension. Up to 20 seats are killed to accommodate house sound mix position for music shows. Handicapped accessible seating is available on both levels of the theatre.

THE STAGE is a proscenium arch type. The proscenium opening is 52' wide by 25' high. There is 38' of stage depth from plaster line to the upstage wall and 1.5' of depth from plaster line to stage edge for a total depth of 39.5'. The stage right wing is 14.5' wide by 38' deep and the stage left wing is 10.5' wide by 38' deep. The orchestra pit/stage extension measures 40' wide and between 3' and 9' deep in continuous arc from left to right. It is set on a lift mechanism which can raise and lower the extension to one of 3 set positions: stage level, auditorium level or orchestra pit level.

THE STAGE FLOOR is 3.5' above the mainfloor. It is a resilient floor comprised of a composite plywood/hardboard surface laid upon wood sleepers over a concrete underlayment. There are stairs on both sides leading from the stage to the auditorium through the side hallways.

THE ORCHESTRA PIT is 46.5' wide and between 8' and 14' deep in a continuous arc from left to right. It is 4.5' below the main auditorium floor. Use of the orchestra pit reduces the total number of seats in the auditorium to 810 less any kills for sound mix position. Access to the pit is through basement level doorways on either side of the pit. There is a safety railing that surrounds the pit at auditorium level and there is no direct access to the pit from the auditorium. The orchestra pit is handicapped accessible.

THE FLY SYSTEM is a single purchase counterweight with a maximum batten load of 1716 lbs. There are a total of 49 lines, 4 of which are dedicated to house electrics. Grid height is 61.5' and maximum height on all lines of 61'. All battens are 62' long except for the 5 upstage lines, which are 54' long.

HOUSE SOFT GOODS include 5 pairs of black velour legs and 5 black velour borders, a red velour Grand Drape with valence which can be drawn or flown, a black velour blackout drop, a black sharktooth scrim, and a white leno-filled cyc.

THE LOADING DOCK is located on the east side of the building. The dock is 3'6" high and loads at stage level. The dock door is 12' high and 12' wide. The Dock is 50' straight through to the backstage wall and is accessible through a 14' wide by 14' high hallway. There are 2 spaces available for parking up to a 40' trailer and tractor rigs with 60 amp 120 volt power available at the dock. There are pass-throughs for video/satellite truck feeds to and from the stage.

LIGHTING is controlled by an ETC Ion console. There are 352 2.4kw dimmers (circuit per dimmer) in ETC Sensor racks running on the DMX-512 protocol. Circuits and DMX-Out stations are located throughout the auditorium and stage. Houselights are controlled from the board or from the Stage Manager's position backstage. There are 400 Amp three-phase electrical services located on either side of the back wall of the stage for portable dimming systems or motors. Lighting equipment consists mainly of Source Four ellipsoidals and PAR cans. There is a house lighting plot.

SOUND REINFORCEMENT consists of a stereo main speaker system with: Meyer CQ-1s and UPA-1Ps above the proscenium; KV2 sub-woofers on the apron; UPM-1Ps for front-fill; and supplemental speakers on delay at balcony level. The mixing console is normally located in the sound booth at the back of the main floor 68' from the stage. The booth is fully enclosed but is usually opened to the stage. There is an alternate mix position located in the center of the auditorium 48' from the stage. Use of this position results in the loss of as many as 20 seats and must be requested in advance. A variety of microphones, playback decks and signal processors as well as a monitor system are also available.

For larger shows, a Meyer MICA Curvilinear Array with 600HP subs is available, ground stacked on the left and right aprons. This must be advanced with the Technical Director, and can result in an extra charge.

HEADSET STATIONS are located throughout the facility. The auditorium uses a 2 channel Clear-Com system. There is also a program monitor and paging system wired throughout the facility.

PIANOS are available for rent with advance notice. Currently available are two Steinway 9' Concert Grands, a Yamaha 6' Grand and two Walters Studio Uprights. Tuning is mandatory before each use.

DRESSING ROOMS are located backstage and under the stage. All are handicapped accessible and equipped. There are two 12 person dressing rooms with attached toilet and shower facilities in the basement as well as two 8 person dressing rooms with sinks and mirrors. Two star dressing rooms with full toilet and shower facilities are located at stage level just behind the stagehouse. A green room with kitchen facilities and a vending machine area are also located here.

STAGE LIGHTING

EXTRA INVENTORY not used in house plot revised 10/07 (**subject to change!**)

QTY	TYPE	MAKE	WATTAGE
15	6x9's	Altman	750
12	6x12's	Altman	750
12	6x16's	Altman	750
4	8" fresnels	Altman	1K
25	PAR 64 (specify lamp)	Altman	1K
1	19degree S4 barrels	ETC	575W
27	36 deg S4 barrels	ETC	575W
1	26deg S4 barrels	ETC	575W
2	50deg S4 barrels	ETC	575W
18	Source Four bodies		

OTHER LIGHTING INFORMATION

All house fixtures have 2P&G slip connections

There are 2 - 400 amp, 3 phase, 5 wire road switches at either side of the stage. Tie-in is by pigtail or Cam-Lock (neutral and ground are NOT reversed).

The house plot consists of three colors of front light, three colors of side light and three colors of back light. A custom plot may be hung but the cost of any changes and the associated costs of restoring the house plot are the responsibility of the renter.

There are 4 Lycian Starklite #1275 (longthrow) spotlights also available for use in all shows at additional charge.

ANY OTHER EQUIPMENT can be rented as needed through North Shore Center from one of our top-of-the-line rental partners.

IN-HOUSE AUDIO EQUIPMENT

Subject to Change!

There is a charge for all equipment listed except the FOH console and main PA.

MICROPHONES AVAILABLE:

Shure SM58 vocal mics
Shure SM57 instrument mics
Electro Voice ND 408A instrument mics
AKG D112 instrument mics
Shure SM81 condenser mics
Shure KSM 27
Sennheiser MD421
Crown PCC floor mics
Shure Beta 98
AT Pro45 hanging mics
Several Direct boxes

MIXING CONSOLES:

THE FOH CONSOLE is a Yamaha CL5 console with a RIO 48 channel output/24 return system. There is also a 40 channel analog mic snake from the stage to the sound booth.

THE MONITOR CONSOLE is an Allen & Heath GL3300 24x8. There is a 40 channel fan-out which splits from the main snake.

6 MONITOR SPEAKERS are available and consist of 6 EAW sm200 (bi-amped). Our monitors are driven by QSC PL2 amps. 6 Ashley 33 1/3 octave eq's are used for monitors. There is a 100amp disconnect dedicated to audio for additional racks.

MAIN PA

The left and right flown speakers are Myer CQ1s, with UPA-1Ps for downfill to the first few rows. With the back of the house and balcony fills on delays, and a front-fill system of UPM-1Ps, every seat is covered. Subs are KV2 Audio EX2.2s on the apron.

A Meyer MICA Curvilinear Array with 600HP subs is available, ground stacked on the left and right aprons, for an extra charge.

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Lineset Schedule

for Center Theatreat North Shore Center
REVISED 9/07

Trim	Distance from Plaster		
20'6"	11"	Main Valence	
	1'5"	Main Act curtain	
	2'3"		
20'6"	2'9"	1st Border	, 11'x64' typical of all borders
41' opening	3'3"	1st leg	25'x10'
23'	4'3"	1st electric	
	5'3"		
	6'3"		
	7'3"		
	8'3"		
20'6"	9'3"	2nd border	
41' opening	9'9"	2nd leg	25x12
	10'3"		
23'	11'3"	2nd electric	
	12'3"		
	13'3"		
	14'3"		
	15'3"		
20'6"	16'3"	3rd border	
41' opening	16'9"	3rd leg	25x12
	17'3"		
23'	18'3"	3rd electric	
	19'9"		
	20'3"		
	21'3"	Full traveller	
	21'9"		
20'6"	23'3"	4th border	
41' opening	23'9"	4th leg	25x12
	24'3"		
	24'9"		
23'	25'9"	4th electric	
	26'9"		
	27'9"		
	28'9"		
23'6"	29'9"	5th border	
35' opening	30'3"	5th leg	25x16
	30'9"	black scrim	
	31'3"		
24'	31'9"	5th electric	
	32'3"		
	32'9"		
	33'3"		
	33'9"		
	34'3"	cyc	
	34'9"		
24'	35'3"	border	
	35'9"		
	36'3"		
	36'9"	blackout drape	

PIPE WEIGHT: Lines 1-44 = 5 bricks. Lines 45-49 = 4 bricks. MAXIMUM LINESSET WEIGHT=1716 lbs.
Full brick weighs approx. 36#. Half brick weighs approx. 17#.

