

THE Fitzgerald THEATRE

STAGE FACILITIES INFORMATION

Stage Dimensions

Proscenium width: 36'
31'6" curtain opening

Proscenium height:
25' to permanent soft teaser
30' to plaster

Distance from Proscenium Wall
to back wall: 35'
to last line set: 29'3"

Distance from back wall to downstage edge: 36'6"

Distance from centerline
to stage left wall (flyrail bumper): 29'
to stage right wall: 31'6"

Height of grid: 64'

Gallery floors(fly) Stage left and right: 36'

Orchestra Pit (fixed-no lift):
7'6" below stage level(Deep)
15' on CL x 32' wall to organ
*Pit extends back under stage 7'6"
from edge of stage at centerline*

Orchestra Pit Filler-May be used at house floor or stage
level *Theater seating is increased by 32 seats with
filler at floor level.*

Stage floor is resilient-suitable for dance

Stage floor has Trap on centerline:
28'2" from stage Apron
Dimensions: 38"x82"
CM 1/2 ton chain hoist from grid
over trap to lower equipment
to basement

Stage Rigging and Curtains

- 1 House Curtain rigged to fly or travel
-live end stage left
- 32 4-line J-bar counterweight sets-
rail located stage left
Pipe length is 44 feet
- 5 Pair black velour legs sewn flat
3 pair-12'x30'
2 pair-15'x30'
- 1 Black velour full stage back drop 30'x40'
10% fullness with centerline split
- 2 Sharktooth Scrim
Black 30'x44'
- 2 Cycloramas
Garriet's plastic bounce 32'x44'
- 1 Projection Screen(front)-Image area 11'6"x15'7"
Projection Screen(front)-Image area 16'0"x 32'0"

Projection Equipment

- 1 Barco RLSS W-12 Projector - 12k Lumens
- 1 Eiki LC-X50M Projector - 4500 Lumens
- 1 Analog Way Saphyr XPS 450 Seamless Switcher
- 1 Mac Pro with Media Server Software

Stage Lighting Equipment

Two CD 80 Racks with AMX 192 Protocol

156 2.4K dimmers (Strand CD 80)

4 2.4K non-dims(Strand CD 80)

12 6.0K dimmers(Strand CD 80)

156 20 amp hardwired circuits 1-156

18 50 amp hardwired circuits 157-174
*Circuits 1-68 and 147-170 are front of house
circuits that can also be used back stage via a
Transfer panel located down stage right.*

Company switch located down stage right:
400 amp 240 volt 3 phase disconnect

Lighting Control: ETC Congo lighting console
3072 channels, 40 masters, 40 direct selects,
Control for automated fixtures 2 DMX Universes
Gray Interface AMX to DMX ultimate converter

Lighting Fixtures:

20 ETC Source 4 10° 575 w

4 ETC Source 4 Zoom 575 w

18 Strand SL 19° 575 w

8 Strand SL 26° 575 w

4 Strand SL 50° 575 w

1 Strand SL 5° 575 w

2 Strand SL 10° 575 w

4 Strand SL 15/32° Zoom 575 w

1 Strand SL 23/50° Zoom 575 w

26 6x16 575 w

1 6x16 575 w Iris unit

19 6x16 575 w

9 6x12 575 w

50 6x12 575 w

38 6x9 575 w

120 Source Four Pars 575w

Have extra lens to swap out: WFL's, MFL's, NSP's, VNSP

32 Par 64 1Kw

Have extra bottles to swap out: WFL's, MFL's, NSP's

6 6" Fresnels 500w

4 R40 Cans 300w floods

10 Colortran 4 cell Cyc striplight(ground row) 1Kw

12 CCT "Minuette" 3 cell cyc striplights 500w

4 CCT "Minuette" single cyc lights 500w

12 Strand "Ianiro Iris" 2 cell Far Cycs 1Kw

16 Blizzard RokBox 5 RGBAW LED wash fixtures

8 Blizzard Stiletto Z6 Moving head wash fixtures

2 Lyceum 1267 Super Arc 400 Follow Spot

8 50# Bases with a variety of pipe lengths

53 Side Arms

6 10' Triangular Truss Section

Three sections are used for upstage for cyc lights

8 4-Rung Ladders

Cable, two-fer's, and mults to facilitate most productions

General Information

Loading door is upstage left of centerline
10' wide x 8'6" high

(Small items can be loaded-in through front
Atrium/Stagedoor on House left/stage right)

3 Dressing rooms with 2 make-up stations
[1A, 2A, 3A]

2 Dressing rooms with 6 make-up stations
[2B, 3B]

3 Showers located on Level 4 (can be used as
dressing rooms if needed)

Toilet facilities located on Lower level

Greenroom and Rehearsal room located on Lower level
Rehearsal room has 2 make-up stations. This
room can be used for chorus dressing room,
catering, production offices.

Theater has 4 control Areas/rooms:

Lighting/Broadcast/Audio (main floor control room):
Control is a ETC Congo console. Other
control locations for lighting are Main Floor
Center in house Stage right or left at SM
console. This control room has Audio &
Video tie lines. It has mic/tie lines to
various locations in building (i.e., loading
dock) and to Minnesota Public Radio for
broadcast and/or Multi-track recordings
Patching is through TT Jackfield Also has
space for audio, video control and
projection equipment as needed.
Projection distance to Bijou screen
63'8" min to 65'8" max

Followspot Booth (located in ceiling):
2-Lyceum 1267 Super Arc 400 Spot
Has audio/video tie lines

House Sound Reinforcement (located at front
of 1st balcony house right):
Has a duplicate TT Jackfield of Main
control room. Has video tie line

Stage Manager Console (downstage right):
Has time clock, countdown clock,
Clear-Com master station, page,
chimes, Shure mixer, audio/video tie
lines, AM/FM Tuner, Sony CD Player
This console can be remoted to stage left

Video: HDSDI coaxial cables with BNC connectors are
available

at all Control Areas, stage right & left,
upstage right, upstage center by dock
cable conduits, greenroom, rehearsal room

Power Available 240 VAC:

400 amp 3 phase Company switch stage right
200 amp 3 phase switch located on loading dock
for Production Trucks
Two 400 amp 3 phase switches on fly floors (5th)
on stage right. These are available only if not
using Stage dimming system (CD-80 Racks)

Camera Kill Seats:

3 on Main floor
[Center-Rows "M & N" Seats
8,9,10,11,12,13"]
[Right-Rows "M & N" Seats "1,2"]
[C, R, L-Row "G" for tracking camera]
1st Balcony
[Right-Rows "AA & BB" Seats "1,2,3,4"]

Sound Kill Seats:

Center Section, Row [M & N]
seats "8,9,10,11,12,13]
This creates a space of 6'x10'

4" cable conduits from backstage to 1st & 2nd balconies
on stage left and right

6" & 8" cable conduits to stage from loading dock

Platforms:

5- 4' x 8' x 24"
3- 4' x 8' x 16"
3- 4' x 8' x 8"
2- 3' x 6' x 16"
2- 4' x 6' x 24"
2- 4' x 6' x 16"
2- 4' x 6' x 8"
2- 4' x 8' x 30" to 4'
2 sets of pies, trapezoids to do corners & bends

Choral Risers: 5- three step units

Orchestra Chairs: 71

Black Stacking Chairs 60

Music Stands: 48

One 24' Genie Personal Lift [battery]

CM 1/2 Ton Motor w/Bag;
Inverted with 60' chain with Control/Power Cable

CM 1/2 Ton Motor w/Bag Double purchase
used over trap to lower equipment to basement

Audio Systems

House Mixing Console: Avid Venue Mix Rack System
48 Patchable Input Channels
16 Patchable Output Channels
Full Protocols Plug-In Capability
32 Channels of ProTools Recording and Playback

Support Equipment:

1 Sony CDP D-12 CD Player
1 White 1/3 Octive Analyzer

House Sound System: ATM Flown Stereo System with Delayed Fills

1 DBX Driverack for 4-way Stereo System
1 Ashly Protea 4.24G - 4 chan. graphic EQ
1 Ashly Protea 2.24GS - 2 chan. graphic EQ
1 Ashly Protea 4.24RD - Graphic EQ Remote Control
2 Crest CA6 for high end
2 Crest CA9 for mids
2 Crest CA12 for lows
1 Crest CA 18 for subs
1 L'Acoustic LA4x for L'Acoustic subs
6 EAW KF650ie Full range speakers
4 EAW KF600 Sub speakers
4 L'Acoustic SB18i Sub speakers
2 EAW JF 80 Front Fills
5 EAW JF 60 Under Balcony Delays
4 EAW JF 60 speakers for stage lip fill and image enhancement
5 JBL 6290 Stereo Power Amps
2 JBL 6260 Stereo Power Amps

Stage Monitor System (Available upon request)

Monitor Mixing Console: Yamaha PM1D V2.5
64 Patchable Input Channels
32 Patchable Output Channels

Support Equipment:

1 Radial Engineering 48 channel 3 way microphone split DSL for monitor rig
3 Klark-Teknik DN 360 Sereo Graphic EQ
1 Klark-Teknik DN 300 Graphic EQ
3 BSS Stereo Graphic EQ
12 L'Acoustic 12xt Coaxial Stage Monitors
3 L'Acoustic LA4x amps for monitors
6 Mackie C-300 Monitor Speakers
2 Mackie SRM-450 Self-powered monitors
4 Mackie SRM-150 Self-powered Hotspots
3 Galaxy Hotspot Monitors

House & Page Monitor :

Audio monitor to all dressing rooms, greenroom, control areas, production areas and lobby.
Page capability to backstage areas and/or lobby

Production Line[l-com]

Clear-com 2 channel system
29 locations including all key control areas
Headsets: Assorted Handsets, Beltpacks, headsets and 2 Call light boxes

Microphone/Tie Lines

40 mic lines to stage with sub boxes,
32 mic lines to orchestra pit
5 mic lines to fly floors
10 mic lines to catwalks
8 mic lines to box seats
31 mic lines to various house locations
2 mic lines to lobby
48 tie lines from main control to upstage wall next to cable conduits to dock

Microphone Inventory

2 ATM 4033
6 AKG C-452/CK-1
1 AKG C-451/CK-1
3 AKG CK-8
6 AKG -10db Pads
2 AKG C-414 EB
1 AKG D-112
1 Beyer Dynamic M-88 TG
1 Earthworks SRO Test Microphone
2 Neumann KM 184
1 Senn MKE II-3
2 Senn MD 421
1 Senn MD 431
4 Senn e604
2 Senn e609
1 Shure SM 10A Headset mic
1 Shure Beta 52
3 Shure Beta 58
2 Shure Beta 91
3 Shure Beta 98
6 Shure KSM 9
2 Shure KSM 137
7 Shure SM 57
8 Shure SM 58
5 Shure SM 85
2 Shure SM 86
2 Shure UR KSM 9 wireless mic
3 PCC-160
8 BSS Ar-133 DI
4 Radial J48 DI
3 Radial JDI
4 Whirlwind IMP DI-passive

Misc.

1 16 channel mic snake/stage box 100'
1 Rane Electronic 2 way crossover
5 JBL 4612OK wideband fill speakers
1 TC Electronics M-300 Reverb