



**S.E Belcher Jr. Chapel and
Performance Center**

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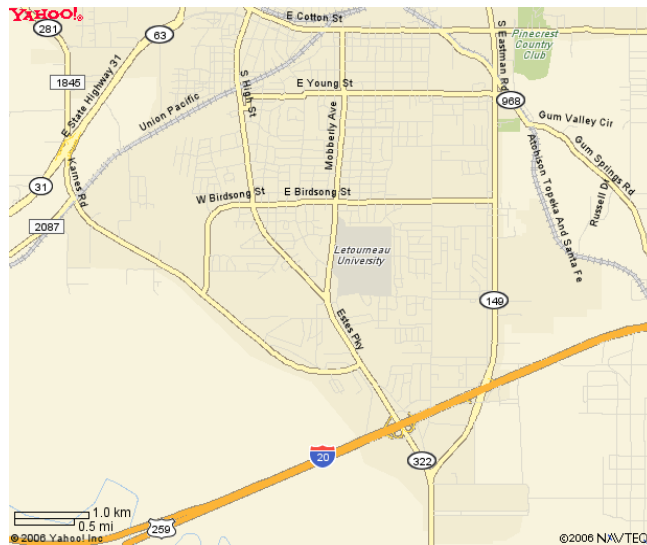
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**S.E. Belcher Jr. Chapel and Performance Center
Technical Specifications**



Belcher Center opened in the spring of 2007, the S.E Belcher Jr. Chapel and Performance Center seats over 2,000 people. This state of the art facility features motorized rigging, a Yamaha PM5D digital audio console, and an ETC Expression 3 lighting console with Emphasis 3D.

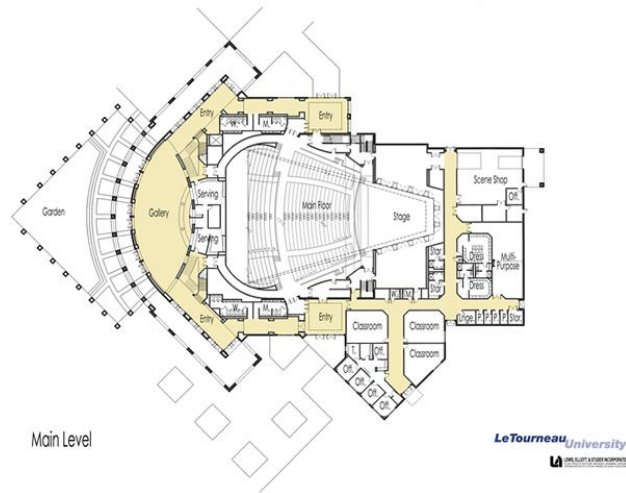


Directions

Longview is served by Interstate 20 between Shreveport and Dallas. Persons interested in traveling by plane may fly directly into Longview or Shreveport, LA (60 miles east) via DFW. Amtrak and Greyhound services are also available in Longview.

LeTourneau University's main campus is at 2100 S. Moberly Ave. Longview, TX 75602. The campus is easily accessed by taking the Estes Parkway exit (595B) from I-20 and proceeding north. The University's switchboard can be reached at 1-800-159-8811 or 1-903-233-3400.

House



Maximum Total Seating 2004

Fixed Seating	
Floor Level	1346
Balcony 1 Level	289
Balcony 2 level	287
Box Seats-Balcony 1 level	16
Box Seats-Balcony 2 level	16

Removable Seating 50	
House sound location	6-12
Wheel Chair seating	4
Possible wheelchair locations	28

House Measurements
 Distance from PL to back wall of House is 110'
 Height of last row of 2nd Orchestra above stage is 11.33'
 Height of 1st Balcony above stage is 27.33'
 Last row is additional 8' 9"
 Height of 2nd Balcony above stage is 47.33'
 Last row is additional 8' 9"

Dressing Rooms
 2 Principle Rooms
 2 Group Rooms
 Group 1 seats 10

Group 2 seats 17
 All Dressing rooms contain hot & cold water, showers, toilets, lighted makeup mirrors, chairs, tables, and wardrobe racks. Group rooms contain iron and steamer. Principle rooms contain phone and high speed internet access.

All Dressing rooms have 2 channel Clear Com wall mounted stations.

Wardrobe
 10 Wardrobe racks
 1 Washing Machine
 1 Dryer
 2 Irons (located in Group Dressing Rooms)
 2 Steamers (located in Group Dressing Rooms)
 3 Stand up mirrors

Loading Dock
 Dock is located on the North West side of the Belcher Center
 Bays – 3
 Dimensions – 65'9" wide, 4' high. Drive is 79'4"
 Docking plate – dock leveler – 5" above or below dock level
 Loading Door Dimensions – 9'4" wide 10' high
 Location from stage – Through scene shop to backstage (SR). Served by 12' wide x 19'6" high overhead doors
 Loading dock to backstage is 62'. All stage level
 Parking available for multiple trucks and busses.
 Shore power available near dock

Stage

Stage Dimensions	
Proscenium width	60'
Proscenium height	30'
Proscenium width with torm walls	44'8"
Proscenium height—lowered	24'
Stage width	100'4"
Center line to stage left wall	50'2"
Center line to stage right wall	50'2"
Stage depth -Distance to Plaster Line:	
To back wall	37'
To DS apron	6'
To DS lift edge	16'
Stage height from floor	4'

Orchestra Pit
 Hydraulic screw lift, controlled by handheld remote from stage left or from jack in lift floor. Lift can be stopped at any level. It doubles as an apron extension when at full height. Two sets of

<p>portable steps with rails available when stopped at 2' below stage level.</p> <p>Pit elevation from stage floor -8' Pit width 50'</p> <p>Pit depth at center line 10' at SR & SL 7'</p> <p>Pit area 410 ft.² Pit area with pit down in play position 600 ft²</p> <p>Pit musician capacity: 11/16 ft² per musician 53/36</p> <p>Entry to pit — stairs SL & SR of pit, out of audience sight.</p> <p>Note: When the pit is at lower level there is an additional 4' under stage apron.</p> <p>Stage Floor Description—Sprung flooring suitable for dance.</p> <p>Construction from top down: -3/4" tongue & groove edge grained yellow pine -3/4" plywood sheathing -1" x 2" furring strips on 12' centers -3/4" plywood sheathing -1"x2" furring strips on 12" centers off set -Cement slab</p> <p>Marley Dance floor available</p> <p>Fasteners allowed: No</p>	<p>Located SL & SR at grid level. 3 1/2" ID schedule 40 pin rails with 7/8" steel pins welded through pipe on 12" - 18" centers.</p> <p style="text-align: center;">House Draperies (Soft Goods)</p> <p>Main Curtain Travel or guillotine Maroon 25 oz. lined velour with 50% fullness 38' 6"W x 31' 6"H each half</p> <p>Main Valance Maroon 74'W x 15'H</p> <p>Borders Black (5) - 74'W x 10' H</p> <p>Legs Black (10) - 12'W x 31' 6"H</p> <p>Mid-Stage Traveler Black 25 oz. velour with 50% fullness 38'W x 31' 6"H each half</p> <p>Upstage Traveler Black 25 oz. velour with 50% fullness 38'W x 31' 6"H each half</p> <p>Scrim — None</p> <p>Cyclorama — sky drop Natural seamless muslin</p>
<p style="text-align: center;">Rigging</p> <p>Grid Height 70'</p> <p>Grid Construction 3" steel channel on 6" centers. Maximum 3" between channels. Grid extends over entire stage area from plaster line to back wall.</p> <p>Motorized Rigging System Vortek motorized linesets. Variable speed. Control center SL</p> <p>Working Linesets See LINESET SCHEDULE</p> <p>Batten Length 74' 1 1/2" Schedule 40</p> <p>Batten Trim High 62' 6" Low above stage floor 3'</p> <p>Pin Rail</p>	<p style="text-align: center;">Electrical Service</p> <p>Company Switches</p> <p>Lighting 120/208/400A/3P/5 wire. Located stage right. Camlock connectors.</p> <p>Sound 120/208/200A/3P/5 wire. Located stage right. Camlock connectors.</p> <p>Broadcast 120/208/200A/3P/5 wire. Located stage right stairwell. Camlock Connectors.</p> <p style="text-align: center;">Lighting System</p> <p>Production ETC Expression 3 with Emphasis 3D 3 Monitors Designer's remote located FOH 37' from PL on CL. Stage focus DMX controller—Handheld ETC remote</p> <p>House light controls</p>

ETC Unison ER4 multiple presets. Control panels in all key areas. House lights may also be controlled by production console.

Dimmers

Circuits—388 Theatrical dimming circuits @ 2.4 kw (not including house, work or safety lights).

FOH Lighting Positions

There is a full catwalk system for FOH lighting

	Distance to P.L.	Height above stage	Angle
#1 Ceiling Cove	53'	68'	52°
#2 Ceiling Cove	75'	68'	42°
#3 Ceiling Cove	100'	68'	34°
#1 Box Boom	6'	32'	
#2 Box Boom	46'	36'	
Follow Spots	105'	68'	34°

Lighting Instrument Inventory

Qty	Description	Lamp
4	ETC Zoom Ellipsoidal 15° - 35°	HPL-575
11	ETC Zoom Ellipsoidal 15° - 35° w/ twist lock connectors	HPL-575
19	ETC Source 4 36° Ellipsoidal	HPL-575
11	ETC Source 4 26° Ellipsoidal	HPL-575
40	ETC Source 4 10° Ellipsoidal	HPL-575
8	ETC Source 4 5° Ellipsoidal	HPL-575
4	Ellipsoidal Sea Changers	
70	ETC 6" PARNEL	VN SP
12	PAR 64's	
7/3cell	Altman Focusing CYC	
2	Strong Radiance Follow spots located in the catwalks	

Accessories

2 Heavy duty boom stands — 10' x 1 1/2" pipe

24 Sliding t-arms w/ C-clamps

All instruments include c-clamp, safety cable and color frame

All connectors are 20A 2P+G stage pin (unless noted)

Stage focusing — JLG scissor lift, 21" Little Giant A-frame ladder

Video

Video/Data Projectors & Screens

- Digital Projection Inc., 16,000+ lumens 3 DLP 2000:1 contrast ratio, 1400 x 1050 resolution. Accepts most Video formats including HDMI, DVI, VGA to 1600 x 1200, RGBHV, HDTV, component, S-Video & composite. Mounted in Lighting Booth on CL
- Stewart Model C Electiscreen 15'H x 26'6"W Tab tension screen Ultramatte 130 surface Mounted just DS of proscenium of CL
- DPI dVision 30XP 5500 Lumens, DLP 6000:1 contrast ratio
- DaLite Professional Electrol Screens 10' 6"H x 14'W Mounted left & right of proscenium

There is no prewired rear projection drop

Video Sources

-VGA interfaces — in lighting booth & onstage

-DVD video playback

-SVHS/VHS video playback & record

-Additional video sources can be readily incorporated. Please inquire about your needs.

Video Monitors are located in stage manager's rack, sound booth, lighting booth, orchestra pit, & house mix position

Sound

House Sound Console

Yamaha PM5D

48 mic preamps, 64 channels,

Redundant power supply

House mix position

110' from PL and SR of CL. 6 seats under balcony but has a direct line of sight of main speakers.

Concert mix position

70' from PL. Mass connector to connect to stage mic jacks. 10" PVC conduit to backstage, SR.

House processing

Media Matrix Nion DSP system permanently tuned by acoustical consultant. Digital console has a wide assortment of effects, EQ's & compressor/gates.

Monitor EQ

Each monitor send has a BSS 31 band graphic EQ

House Acoustics – Quality and uniformity are very good. Acoustics are tunable with 6 motorized acoustic curtains.

House Speaker Systems

Left/Right Split Clusters - Clusters consist of the following Meyer Sound self powered speakers:

- 8 - CQ-2 High Q speakers
- 4 - MSL-4 High Q long throw speakers
- 4 - PSW-2 subwoofers (2x15)

Box Seats - 4 Meyer sound UPM-1P powered speakers

Under Balcony - all under balcony seats have a direct line of sight to the main cluster

Monitor Speakers

4 community XLT 48E-64

8 monitor sends are available each with 31 band EQ

6 Mixes with 6 Monitor wedges

In Ear Monitors – 8 units available upon request

Assistive Listening System

Listen Technologies RF systems

Amplifiers

All amplifiers are QSC CX Series

Production Intercom

Clear Com - 4 channel main station
Permanent stations located in all key positions.

Dressing room page - 2 station clear com
remote wall mounted speaker stations are located in all dressing rooms and green room.

Microphones**Wireless**

- 8 Sennheiser EW345/322G2—Handhelds and body packs
- 8 Sennheiser MKE 2 omni-directional lavalier microphone
- 1 Sennheiser EW100ENG-G2 camera mountable wireless receiver and microphone
- 1 Countryman E60W5L

Wired

- (4) Shure SM58
- (6) Shure SM57
- (4) Shure SM81
- (6) Crown PCC 160
- (2) Sennheiser e604
- (2) Sennheiser MD421
- (1) AKG D112

- (2) AKG C451
- (2) Audix SCX25A
- (2) Neumann KMS 104
- (1) Neumann TLM 49
- (2) Audio Technica AT4050
- (1) Earthworks TC30

Playback and Record

- CD Player & Recorder
- Computer Hard Drive Recorder
- Compact Flash Recorder
- Cassette Player & Recorder

Piano

Mason & Hamlin Model BB 7ft.