



LeTourneau University
Belcher Center
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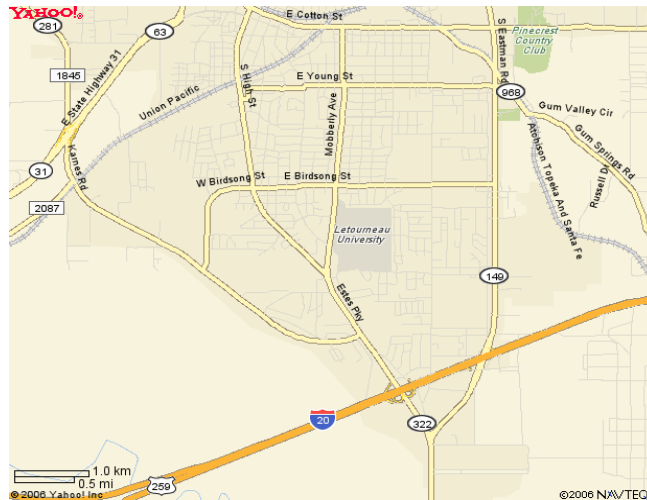
BELCHER CENTER

LETOURNEAU UNIVERSITY

Technical Specifications



The LeTourneau University Belcher Center opened in the spring of 2007, seating over 2,000 people and offering a variety of art programming to all of East Texas.



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 903-233-3000.

[Yahoo! map to LeTourneau University's main campus.](#)

House

Main Level

LeTourneau University

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	
House sound location	50
Wheelchair seating	6-12
Possible wheelchair locations	4
	28
House Measurements	
Distance from PL to back wall of House is 110'	
Height of last row of 2 nd Orchestra above stage is 11.33'	
Height of 1 st Balcony above stage is 27.33'	
Last row is additional 8' 9"	
Height of 2 nd 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	

High-speed internet access.

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

Wardrobe

- 10 Wardrobe racks
- 2 Washing Machine
- 2 Dryers
- 2 Irons (located in Group Dressing Rooms)
- 3 Steamers (*Upon Request)
- 3 Stand up mirrors

Loading Dock

Dock is located on the Northwest 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 X 9'4" 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.
3- 50amp Shore power available near dock.
 1-Portable dock plate for multi truck use.

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 portable steps with rails available when stopped at 2' below stage level.

Pit elevation from stage floor	-8'
Pit width	50'

<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 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 in Black or Gray.</p> <p>Fasteners allowed: No</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>Leg Sets Black (3) - 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*Used as legs</p> <p>Upstage Traveler Black 25 oz. velour with 50% fullness 38'W x 31' 6"H each half*Used as legs</p> <p>Scrims — None</p> <p>Cyclorama — White 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 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;">Electrical Service</p> <p>Company Switches</p> <p>Lighting 120/208/400A/3P/5 wire. Located stage right. Camlock connectors.</p> <p>Audio-1 120/208/200A/3P/5 wire. Located stage right. Camlock connectors.</p> <p>Audio-2 120/208/200A/3P/5 wire. Located stage right stairwell. Camlock Connectors.</p> <p style="text-align: center;">Lighting System</p> <p>Production Primary console-Strand NEO Stage focus DMX controller—Handheld NEO remote</p> <p>House light controls ETC Unison ER4 multiple presets. Control panels in all key areas. House lights may also be controlled by production console.</p>

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'	
Balcony Rail	101'	13'- 4"	Straight
Follow Spots	105'	68'	34°

Lighting Instrument Inventory

Qty	Description	Lamp
10	ETC Lonestar Intelligent Lights	
10	VariLite Cantata LED Fresnel, FC	
10	VariLite Aurora LED Strip, 12 Cell, FC	
4	ETC Zoom Ellipsoidal 15° - 35°	HPL-575
12	ETC Zoom Ellipsoidal 15° - 35°	HPL-575
18	ETC Source 4 36° Ellipsoidal	HPL-575
10	ETC Source 4 26° Ellipsoidal	HPL-575
36	ETC Source 4 10° Ellipsoidal	HPL-575
8	ETC Source 4 5° Ellipsoidal	HPL-575
72	ETC 6" PARNEL	HPL-575
32	PAR 64's	1000 W
7/3cell	Altman Focusing CYC	1000 W
2	Lycian 1275's follow spots	1275 W

Accessories

6 Heavy duty boom stands — 10' x 1 1/2" pipe
 4 Heavy duty boom stands— 8' x 1 1/2" pipe
 All instruments include c-clamp, safety cable and color frame
 Stage focusing — JLG scissor lift, 24" Little Giant A-frame ladder

Video

Video/Data Projectors & Screens

- 3 BARCO 22K Laser Projectors with HD screens
- 2 DaLite Professional Electrical Screens 93"H x 168"W (16X9) Mounted left & right of proscenium
- 1 DaLite Fast Fold Screen 11'Hx20'W

There is no prewired rear projection drop

Video Production

- 1 - Black Magic Design ATEM 2 M/E Panel
- 1 - Black Magic Design ATEM Mini Extreme

Video Sources

-HDMI interfaces — in lighting booth & onstage
 -Additional video sources can be readily incorporated. Please inquire about your needs.

Video Monitors are located in stage manager's rack, & lighting booth

Cameras

- 6 - Black Magic Design URSA Mini Pro 12K

Sound

House Sound Consoles

- FOH & Monitors
- 2 - DigiCo X-Q338-W-WS-NC
- Video Production
- 1 - DigiCo X-Q225-WS-NC

House mix position

Center of House & 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 Speaker Systems

Left/Right Split Clusters - Clusters consist of the following L-Acoustics speakers:
 24 - L-Acoustics K3 Mains
 12 - L-Acoustics KS21 Subs

Center Cluster - Cluster consists of the following L-Acoustics speakers:

- 1 - L-Acoustics A15 Focus
- 1 - L-Acoustics A15 Wide

Front Fills - 13 L-Acoustics 5XT

Box Seats - 4 L-Acoustics X8

Additional Ground stacks:

<p><u>QSC KW series</u> 2-KW153 3-way Tops Per Side Speaker: 15" Three-Way Power: 1000w Coverage Angle: 75° Axisymmetric Peak SPL: 134 dB</p> <p>2-KW181 18" Subs Per Side Speaker: 18" Power: 1000w Peak SPL: 135 dB</p> <p>Monitor Speakers 8 L-Acoustics X15 HIQ 4 community XLT 48E-64-15" 2 community -12" 4 Powered QSC KW 122's</p> <p>In Ear Monitors – 8-12 Sennheiser ewG4 frequency range: A (516 - 558 MHz)</p> <p>Assistive Listening System Listen Technologies RF systems</p> <p>Production Intercom Clear Com - 4 channel main station Permanent stations located in all key positions. 10 Wired Packs 4-WLS FSPK2 Coms</p> <p>Microphones Wireless -8 Sennheiser MMK965 – Handhelds and body packs -6 Sennheiser EW345/322G3—Handhelds and body packs -2 Sennheiser EW345/322G2—Handhelds and body packs -6 Sennheiser MKE 2 omni-directional lavalier microphone -3 Countryman E60W5L</p> <p>Wired (5) Shure SM58 (6) Shure SM57 (4) Shure SM81 (6) Crown PCC 160 (3) 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</p> <p>Playback</p>	<p>Computer with QLAB</p> <p>Piano Mason & Hamlin Model BB 7ft. Steinway & Sons 9ft Grand <i>*Upon request</i></p>
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