



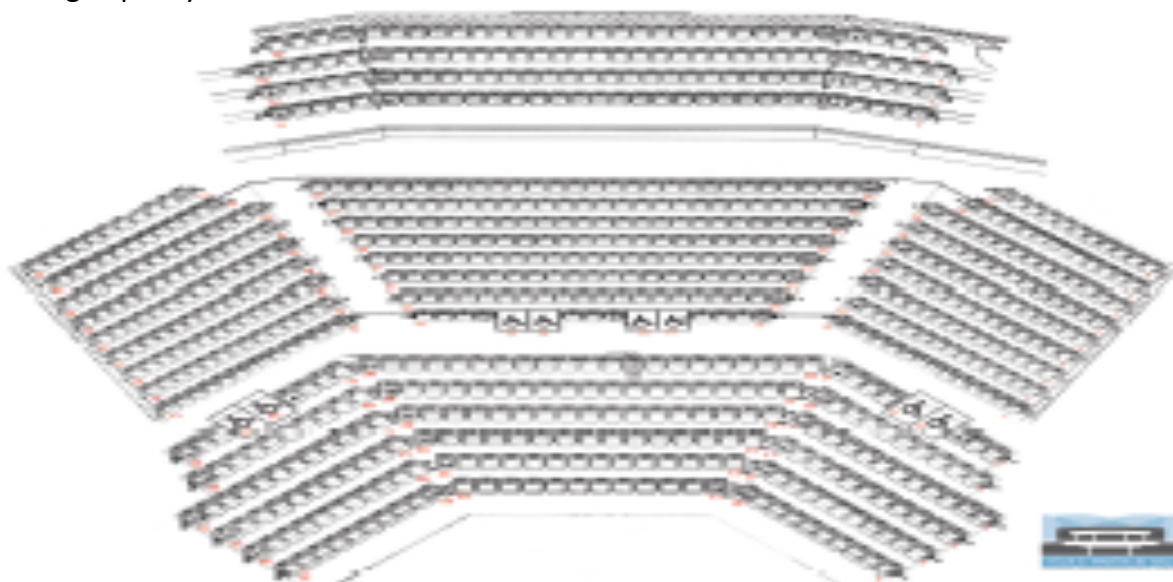
Technical Overview

Muhlenberg County High School
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As of August 30, 2022

The Felix E. Martin, Jr. Hall for Creative and Performing Arts opened in spring 2012. It is located on the campus of Muhlenberg County High School and serves as a venue for school functions as well as outside arts offerings.

Seating Capacity: 782



Stage Dimensions:

Proscenium Width:	45' 8"
Proscenium Height:	18' 5"
Proscenium to back of house:	80' 2"
Front of Apron to Plaster Line:	24' 5"
Plaster Line to Cyc:	26'
Center Line to Stage Right Wall:	58' 10"
Center Line to Stage Left Wall:	36'

Dressing Rooms:

(2) Dressing rooms. Each has toilet, sink & lighting mirrors. Located adjacent to the stage. Each dressing room has both audio and video monitors as well as WIFI access. *(2) Additional multi-purpose rooms available with approximately 4000 square feet of total space that can be used as additional dressing areas if needed. Please advance these needs with Executive and Technical Directors prior to arrival.

NO SHOWERS AVAILABLE

Rehearsal Room:

There is a multi-purpose / rehearsal room which can be used by visiting artists if arranged with the Director in advance. This space may also be used as a green room as well.

General Equipment:

- (1) 40' Genie Personnel Lift
- (1) 10' A-Frame Ladder
- (1) 8' A-Frame Ladder
- (1) 6' A-Frame Ladder
- (30) 6' Rectangle Banquet Tables
- (12) 48" Round Banquet Tables
- (4) Black Music Stands *More available if requested in advance
- (144) Black Wenger Nota Chairs

Lineset Info: **Our Facility Is Not a Fly House**

Dead Hung Battens: 7 including 4 teasers
Trim Height 18'

Moving Battens: 7
4 House Electrics permanently attached to the pipes.
3 Shell pipes.
Minimum Height from stage floor: 4'
Maximum Height from stage floor: 32'
Weight Limit: 2500lbs.

Lineset Info Cont.

- (8) Black velour legs 16'w x 18'h on partial traveler track
- (4) Black velour borders 50'w x 6'h
- (2) Black velour full stage on travelers
- (1) cyc

**Scrim available to be dead hung or on manual pull across traveler upon request.
Please request at least 48 hours in advance.

Main Curtain: Gray velour, traveler, Manual operation from SR

Power:

3 Phase power is available Stage Right
8 20amp Edison Circuits are available Stage Right (More can be made upon request in advance)

Loading Dock: Height: 3' from ground level to dock
Distance from stage: Dock loads directly onto wings in stage right. Push to on stage is approximately 23'

Loading Door: Height: 9'5" Width: 8' ** Truck parking is available onsite.

Stage Manager Desk: Located off Stage Right.
Rack mounted Clearcom with paging to dressing rooms Video Monitor of stage feed.

Wardrobe: (6) Z Racks for Wardrobe
(1) Ironing Board with Iron Washer/Dryer available on site

Lighting:	(1) FOH electrics access via catwalk, (2) box boom – 1 per side, 4 overhead moving electric linesets. Spot bays in balcony on each side of house, approximately 7 feet above audience in balcony to clear any obstructions. ALL EQUIPED WITH GPC (Grounded Pin Connector)
In House Fixture Count:	(6) Chauvet Rogue 2x Wash (4) Chauvet Rogue 2x Spots (6) 90deg Source 4 (6) 36deg Source 4 (10) 26deg Source 4 (10) 19deg Source 4 (10) 14deg Source 4 (12) 25-50deg Source 4 zoom (12) 15-30deg Source 4 zoom (30) Source 4 par with all lenses (20) Source 4 parnels (6) Altman SkyCyc 3 Circuit Cyc Units
Accessories:	(12) B-Size Pattern Holders (12) Drop In Iris (4) Edison Male to GPC Female (10) Edison Female to GPC Male
Dimmer Channels	162 (including floor pockets)
Circuits	192; ETC Sensor Dimming Rack
Lighting Control	ETC Ion Xe Console with 2x20 fader wing extension WiFi access to console control with ETC App
Houselights:	Dimmable from Console as well as ETC Unison Paradigm touch panels located throughout house as well as in booth and at stage managers panel stage left.
DMX	4 Universes Located: Booth, Catwalk, House Right Box Boom, House Left Box Boom, Off Stage Left Stage Manager Panel, Off Stage Right Overhead Electrics
Followspots:	(2) Lycian 1271

Sound:

House PA:

QSC Line Array

(16) QSC ILA Series Line Array, Stereo (8 cabinets per side)

(2) QSC WL118-SW 18" subwoofer (1 per side in array)

(4) QSC KW181 18" powered subwoofer (can be added on floor)(4) Bag End TA6000 powered front fill speakers

Amplifiers are QSC CXD Series

Delay of room preset and cannot be changed.

(8) QSC AP5122M low profile monitors (biamped)

(4) JBL JRX112M Full Range

(4) Yamaha DXR10 Powered Speakers

(2) QSC CXD 4.3 amplifiers for 8 individual mixes

Dry lines for monitor feeds at FOH and SR. All are XLR

Mixing Console:

Allen and Heath I-Live T-112 console with 64 inputs, 32 outputs

FOH Processing:

All FOH Processing takes place within the console. Crossover is set at processing in CXD amplifiers. Room EQ can be adjusted at the console as well.

Mac Mini with Qlab

Microphones:

(8) Sennheiser ew G4 wireless with 4 handheld transmitters and 8 body packs

(8) Audio Technica 3000 series wireless

(4) ATW-T371B Cardioid Condensor Wireless Handhelds

(8) ATW-310 Wireless Body Pack Transmitters

(24) Earset Microphones (AT , Sennheiser and OSP Brand)

(4) Guitar ¼" Wireless cables for Sennheiser Transmitters

(6) Shure Beta 58

(4) Shure SM 58

(4) Shure Beta 57

(2) Shure Beta 87A

(4) Shure SM81

(9) Shure MX202

(2) Shure MX418

(8) Shure PG56

(2) Shure PG52

(2) Sennheiser E609

(5) AT Pro37R

(2) AT2020

(1) Beta 91A

Direct Boxes: (4) Whirlwind Connect EDB1 Direct Box
(2) Whirlwind Imp2 Direct Box
(1) Whirlwind PCDI Direct Box
(2) ProCo DB2 Stereo Direct Box (can be used mono 2 inputs)
(2) Radial J48 Active

Production Communication: Clearcom System (Single Channel) Wired
7 Clearcom RS-601 Beltpacks
5 Clearcom CC40 Headsets
2 Clearcom HS6 Handsets
2 Clearcom FL7 Flashers

Intercom hookups are at the following locations:
Off Stage Right Downstage
Off Stage Left Downstage (at Stage Managers Panel)
Follow Spot Bay 1
Follow Spot Bay 2
Catwalk
Booth

Video:

Projection Screen: Electric, permanently recessed in top of proscenium. 25' wide.
Lowest point 3' from stage floor.
Control from stage managers panel or booth as well as RF

Projectors: Eiki LC-X8000A 12,000 Lumen Projector
permanently mounted at back of balcony.
VGA input from video control in booth
Remote control in booth.

Epson 4k with ultra-short throw lens. Can be removed in
advance. Q-Sys control as well as RF remote.