

***RECITAL HALL***  
Seating Capacity 167

**STAGE**

Width 31' – 0"  
Depth 20' – 0"  
House Floor to Stage 2' – 6"

**SOUND**

**FOH**

A: 1x - Allen & Heath Avantis - Mixing console  
B: 1x - Allen & Heath DX32 Stage Box (24 inputs/8 outputs)  
C: 1x - Audinate Dante 96K Card  
D: 2x - Netgear Dante Switches

**Monitor**

A: 8x - Mon mixes from FOH  
B: 4x - L'Acoustics 112P Stage Monitors

**Amps**

A: 2x - L'Acoustics LA4

**Playbacks rack**

A: 1x - Apple iMac with Qlab 5  
B: 1x - Dennon Blue Ray player/recorder  
C: 1x - Barco Clickshare

**Speaker Boxes**

A: 2x - EAW JF560Z left/right  
B: 1x - EAW MK5194 center  
C: 2x - EAW SB150R center-subs  
D: 4x - DB Technologies DM12P Stage Monitors

**Microphones**

A: 1x - Shure ULXD4Q  
B: 1x - Shure ULXD4Q  
C: 6x - Shure ULXD2 w/Beta SM58  
D: 6x - Shure ULXD1 w/MX 150B/C  
E: 1x - DPA 4099 Piano Microphone Set  
F: 2x - Shure Beta 87  
G: 2x - Shure Beta 58  
H: 1x - Shure MX418 Gooseneck Podium Microphone

**Hearing Assistance**

A: 1x - Sennheiser S120 – Hearing Transmitter

**Video**

A: 1x - Christie D16WU-HS DLP Projector  
B: 1x - Vaddio AV Bridge MatrixMIX  
C: 1x - Vaddio Switcher  
D: 1x - Panasonic 4K 30x Robotic Camera (Center)  
F: 1x - Windows 10 Laptop w/WSN Streaming Software

**Speaker Boxes**

A: 2x - EAW JF560Z left/right

- B: 1x - EAW MK5194 center
- C: 2x - EAW SB150R center-sub

**Power Distribution**

1 / 200-amp Three phase

**Cleacom Intercom System**

A: 8x – stations 2 ch.

**Sound Pressure Levels**

Due to the potential volume levels available with our FOH system that may come into the building with a show, MFAC has adopted a very strict policy regarding SPL. The following maximum db level restrictions have been set for the protection of our audience members, crew, and artists. At no time shall the maximum A-weighted SPL ever reach above 110db at the Center of the House (COH) in row “EE.” MFAC reserves the right to direct their Head Audio Engineer or his designate to reduce system levels to remain within acceptable SPLs.

A-weight SPL @ COH	Maximum Time
95db	4 hours
97db	2 hours
100db	1 hour
102db	30 minutes

**Audio Challenges in the Recital Hall**

The Recital Hall was designed primarily for vocal and instrumental naturally driven acoustic events.

**PLEASE NOTE: Due to the acoustic design of the front of the house, we strongly discourage the placing of speaker stacks on the stage, as excessive echo slap-back occurs, severely hindering intelligibility.**

**LIGHTING**

**Control Console**

ETC Element                      500 channels      40 Submasters

**Dimmers and Control**

36 (2.4k) dimmers

***REHERSAL STUDIO ROOM 222***

**Stage Level (2<sup>nd</sup> floor)**

Dimensions                      35’ - 9” x 28’ - 6”  
 Mirrors  
 Ballet Barre (wall mounted)      28’ long

**LIGHTING**

**Control Console**

HOG 4

**Dimmers and Control**

24 (2.4k) dimmers