

Roberts Cultural Life Center - Hale Auditorium Technical Information 2020

Sound:

Mixing Console: Allen & Heath GLD112 Mixer with AR2412 and two AR8 4I/O Modules
AH-M-Dante Card for GLD Mixer (Location: Center house left)
CAT5 cable → 2 Allen & Heath GLD AR84

Decks: Denon DN650 F CD Player Panasonic Blu-Ray/DVD Player

Booth Rack: Nexia system audio controls and equalization
Clear-Com Monitor System
2 - Crown CE 2000 Watt Amplifiers
1 - QSC RMX 5050 Amplifier
1 - QSC PLX 3402 Amplifier
1 - QSC RMX 1850 HD Amplifier
1 - QSC CMX 500V Amplifier
1 - QSC CMX 500VA Amplifier

Video: Christie LW720 3-LCD WXGA Projector
Roland V-60HD Video Switcher, 3 Marshall CV620IP PTZ cameras
Recording: Roland → Matrox Monarch HD → External Storage
2 sound sends from board with appropriate delay

Misc: 2 – Bi-Amp EQ30 1 – 31 Band EQ's 1 – Rane GE-27 31 Band EQ
 1 – JBL M712 Comp/Limiter 1 – Yamaha REV500 Digital Reverb
 1 – DOD SR-823 Crossover 1 – MaxFogger Fog Machine
 2 – DF50 Haze Machine 6 – Whirlwind EDB-1 D.I. Box

Microphones: 8 - Shure SM58 (one beta) 2 - Shure SLX handheld wireless
 3 - Shure SM57 1 - Shure Beta 87A
 19 - Shure lapel wireless 2 - Crown LM 300AL gooseneck
 2 – Audio-Technica AT2020 1 - MG 115 gooseneck
 3 Hanging Mics Shure Drum Mic Kit
 2 - Shure SM102 2 - Shure PG81

Speakers: EV Xi-1152A - FOH 6 - EV ZLX-12P Monitors
 EV Xi-1122A – rear fills
 2 Danley TH-118 Subs - Flown
 Digitally equalized and delayed under and over front fill system.
 Digitally equalized and delayed under and over the balcony fill system.

Accessories: 24 – mic/boom stands 2 - Tabletop Mic Stands
 XLR mic cables - many 2 - Short Mic Stands

Communication: MS 222 2 channel main station Clearcom 6 headsets
 Telex wireless headset system 2 Headsets

Lighting

Dimmer Board: ETC ION with 1024 Outputs/Parameters, 10000 Control Channels,
10,000 Cues with Universal Fader Wing 2X20

Soft Patch

of Dimmers: 96 Capacity: 2.4K

of Circuits: 96 Capacity: 2.4K

Grandmaster: 12 wheel Submasters/Groupmasters: 80

Main lighting controls in projection booth at rear of house with portable remote focus unit

Lighting Instruments: 18 - 19 degree Source Four Lekos 575W

24 - 26 degree Source Four Lekos 575W

30 - 36 degree Source Four Lekos 575W

6 - 8" Century Strand Fresnalls 500W

18 Long nose par cans-1000W

12 Short nose par cans-1000W

12 - 3 circuit cyc lights

6 - 4 circuit strip lights

2 - Mac 250 moving lights

4 - Elation 250 Pro moving lights

2 - Comet spotlights

9 - Lixada moving head fixtures

18 - LED Mega Par cans

Stage Equipment

Pianos: Steinway “D” 9’ Grand / Steinway “B” 7’ Grand / Upright Standard
Korg Triton Pro-X 88-key weighted / Yamaha P-140 88-key weighted
Nord Stage Piano 2 - key weighted

Drums: Yamaha Stage Pro – 5-piece with Sabian Pro Cymbals – HD Hardware

Amps: Peavey Headliner 115 Bass Cabinet w/ 450W Peavey Tour Head
Peavey Ecooustic 112 EXF Acoustic Combo

Sound Shell: Full stage shell adjustable

Curtains: 32 x 60 Cyclorama
32 x 60 White Sharkstooth Scrim
Full Stage Traveler Black
12 x 60 Black border
12 x 60 Blue border
32 x 60 Blue main drape
3 sets 8’ legs, fixed position adjustable
18 x 35 projection screen
26 x 32 projection screen
26 x 60 projection screen

Fly system: Single purchase system; 46 lines

Proscenium: 49' x 32'; 24' usable height

Catwalks: #1 - 8 circuits; #2 - 6 circuits; #3 - 4 circuits

Additional 18 circuits on catwalk plus 8 more brought up from side location

Side Pipes: stage left - 4 circuits
stage right - 4 circuits

Orchestra Pit: Electric Screw Drive; variable height
stage height to floor level

Genie-lift: 24 foot lift