

Technical Specification

Royal Academy of Dance

Aud Jebsen Studio Theatre

Stage Lighting & Audio Visual

ROYAL ACADEMY OF DANCE

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Aud Jepsen Studio Theatre
Kit List

Revision N°2
May 2022



This document outlines the technical equipment available within the Aud Jepsen Studio Theatre at The Royal Academy of Dance, York Place, London.

1 Audio

Control:

- 1no Yamaha TF1
 - Digital audio mixing desk with up to 40input channels and future compatibility with MAD1 and Dante connectivity
- 2no Yamaha TIO 1608-D
 - Digital Dante-equipped I/O Rack With 16-Mic/Line Inputs & 8-Line Outputs
- 1no Apple Mac Mini
 - Full Qlab 4 Audio and Video Licence with Remote
 - Dante Virtual Soundcard 64x64 Virtual I/O

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Loudspeakers:

- 8no EM Acoustics EMS-129
 - Full Range Wide Dispersion Speaker 8ohm 500W – Black
 - Main Left, Main Right, Delay Left, Delay Right, Centre Cluster and 2no On Stage Monitors.
- 2no EM Acoustics S-18 Subwoofer
 - Passive Compact High-Power Reflex 18" Subwoofer – Black
- 3no EM Acoustics DQ10 DSP System Amplifier
 - 4x 2500W

Microphones:

- 2no Shure SM58-LCE Dynamic Cardioid Vocal Microphone
- 4no Shure SM57-LCE Dynamic Cardioid Instrument or Vocal Microphone
- 4no Sennheiser e614 Condenser Super Cardioid Microphone
- 3no BSS AR133CH DI Box – Active
- 8no K&M Microphone Stand - Tall + Adjustable Boom Black
- 4no K&M Microphone Stand - Low + Adjustable Boom Black

Assisted Listening:

- 20no Sennheiser HDE2020D
 - 6-channel personal FM receiver with on/off/volume control and integrated stethoset style headphones

Show Comms:

- 1no TecPro MS741 Intercom Master Station 2ch
- 4no TecPro BP523 Beltpack 2ch
- 4no TecPro SMH310 Intercom Headset-Single Muff

2 Video

Projector:

- 1no Panasonic PT-RZ990BEJ Projector

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- Laser 1-chip DLP, 10,000 lm (center)/ 9,400 lm (ANSI), WUXGA
- 1no Panasonic DLE060 Short Throw Lens
 - Zoom 0.6-0.8:1
- 1no Kramer PT-572+ PT-572+ HDMI Over 1 x CAT 5/6 Receiver
- 1no Kramer PT-571 PT-571 HDMI Over 1 x CAT 5/6 Transmitter

3 Stage Lighting

Control:

- 1no ETC Element 2 Control Desk - 1024 Outputs
 - 500 channel, 60 fader memory console
 - 1no LCD 19" Touchscreen

Dimmer Rack/DMX:

- 5no ETC ColorSource ThruPower 24
 - Installed dimmer rack 24 channel stage lighting power control rack, configurable as a dimmer, relay or constant power
- 2no Swisson DMX Splitter Box 10way XLR 5pin - 19" 1U
- 1no ETC Response Mk2 4-Port DMX/RDM Gateway 4x 5pin XLR

Moving LED Lighting:

- 4no Chauvet Professional Rouge R2X Spots
- 6no Chauvet Professional Maverik MK2 Wash

LED Lighting:

- 24no ETC ColorSource Spot Light Engine w. Barrel XLR Black
 - 10no 26deg Lens
 - 14no 36deg Lens
- 12no ETC Desire D40 Lustr+ LED Wash Light – Black
- 14no Chauvet Professional CYC 1
- 10no StageStore Par 16 Parcan Black

Accessories:

- 24no Rosco Glass Gobo Holder 56 - B size ETC Source 4
- 6no ETC Iris Diaphragm - Source 4 Profile
- 14no Chauvet Professional CYC 1

4 Stage Engineering

Overhead Systems:

- 5no SE IWB Black Type 1 (11.5m) 12way
 - Fixed internally wired equipment bar, Over stage, soffit mounted fixed aluminium equipment bar c/w 16A Ceeform power sockets
- 3no SE IWB Black Type 1 (11.5m) 6way
 - Fixed internally wired equipment bar, Over stage, soffit mounted fixed aluminium equipment bar c/w 16A Ceeform power sockets
- 2no Fixed equipment bar (1.725m) Wall mounted up/downstage fixed equipment bar
- 4no Fixed equipment bar (1.57m) Wall mounted up/downstage fixed equipment bar
- 1no Fixed equipment bar (17.16m) CYC Soffit mounted fixed equipment bar for cyclorama suspension
 - 1no White cloth Cyclorama 16x4.5m
- 1no Hand line operated drape track - full width Aluminium U-shaped drape track for FOH drapes c/w floor pulley
 - 2no Black Velvet Velour House Curtains
- 8no Walk along curtain track - 3m Aluminium Straight drape track for side masking legs
 - 8no Black Wool Serge Masking Legs 3m

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