



Sound and Light

Setup & Formats

There are 8 sections of 8ft x 4ft LiteDeck with 1ft, 2ft and 3ft stage legs to build various forms of staging, podiums and risers.

Maintenance

All equipment in the venue is maintained to an impeccable standard, with the majority of servicing and regular maintenance handled in house.

Common spare parts are kept in stock, along with sufficient levels of cable and connectors to create signal, power and speaker cables when necessary. All team members are trained to service Martin Professional Lighting fixtures, Martin Audio speakers and Pioneer DJ equipment.

Lighting rigs and speaker systems are tested before each trading session, and are subject to a constant cleaning and maintenance schedule.

Amp Room

This room houses three 28U racks of amps, processing, lighting & video control systems and servers. All sound equipment is powered on a single phase from a local distribution board, with an armoured cable providing power to the DJ booth directly from the amp room, to alleviate grounding issues and buzz. Two wall mounted air conditioning units keep the amp room at a comfortable operating temperature.

Control Booth

The control booth is designed to accommodate a lighting engineer, sound engineer and video or laser engineer. The lighting console, video and laser control surfaces are positioned such that the operator has line of sight to all fixtures, and can easily reach all controls of the three systems without moving from the central position. The booth also features sound, video and networking patch points for extra equipment, touring VJs and custom setups.

DJ Booth

The most commonly used configuration comprises two separate DJ setups, each with 3 or 4 Pioneer CDJ-2000NXS2 players, and a Pioneer DJM-900NXS2 mixer. Mixer digital and analogue outputs run via a MADI stage box to the Front of House console. Monitoring is provided by Martin Audio, with 4 x Blackline F12, 1 x CDD15 and a WS218X subwoofer.

Health and Safety

Customer and staff safety is of utmost importance, Ministry Of Sound exceeds all standards and guidelines set by HSE.

A thorough rigging inspection is undertaken by Stage Electrics annually whereby every loading point, truss and piece of lifting hardware is inspected, all hoists are tested and certified, and all load calculations and SWL values are checked. A member of crew also visually inspects every hoist once every month. All moving trusses are fitted with load arrestors as secondary safety suspensions, this enables trusses to be rated with a dynamic working load and moved whilst the venue is operational. All fixtures are attached to trusses or bars with both primary fixings and secondary safety suspensions.

Laser systems are computer controlled, zoned to prohibit contact with eyes above maximum permissible exposure and fitted with emergency stop controls in case of any malfunction.

Confetti cannons are fired only by trained crew, with direct line of sight to each device, and installed at a safe distance from the audience. All firing hardware is fitted with safety keys to prevent accidental firing.

Noise levels in work areas are monitored regularly and risk assessed accordingly, crew are issued with moulded hearing protection, and inline limiters for radio communications.

PPE is issued, checked and updated regularly to ensure crew safety when manual handling and working at height.

Technical Specifications

The Box

The Box is a 5 sided room with 6 large speaker stacks. The shape of the room, treatment of the walls, and sprung dance floor are paramount to achieving the unique acoustic properties of The Box. The room has been designed to minimise reverberation and reflections – every sound you hear in the Box should be coming from a speaker, not reflecting off any surfaces, or echoing in empty space.

The Martin Audio sound system has been designed to run at 50% or less of its capacity. This ensures no part of the system is stressed, no speaker drivers ever blow, and the sound is of a much higher quality than a system running continuously near its limit. Even at 50% it is able to achieve in excess of 120db, undistorted in the centre of the room.

Each stack comprises 2 x ASX subwoofers, 2 x AS118 subwoofers, and 2 W8C top boxes, a custom flare on the lower section, and custom housing to hide cabling. All Amplification is by Martin Audio / Lab Gruppen / Powersoft, all processing is managed by a BSS Soundweb London network.

The DJ Console in The Box is 5m wide, 3m deep and features a modular design allowing two completely separate DJ setups, catering for several DJ riders on a single event, without compromising any artist's performance or personal space.

The Box lighting design is predominantly made up of Martin Professional and Robe moving heads, but also features full colour lasers, generic heads, crowd blinders, Cryogenic FX, confetti cannons and an LED wall behind the DJ console.

The Box

Sound

12 x MoS Custom Martin Audio W8C
12 x MoS Custom Martin Audio AS118
12 x Martin Audio Custom ASX active subs
2 x BSS Soundweb London Blu-320
1 x BSS Soundweb London Blu-800
3 x Lab Gruppen Martin Audio MA 4.2s Amplifier
3 x Lab Gruppen Martin Audio MA 2.8s Amplifier
3 x Lab Gruppen Martin Audio MA 1.6s Amplifier
3 x Lab Gruppen Martin Audio MA 1.3s Amplifier
3 x Crown CTS-600 Amplifier
3 x Crown CTS-1200 Amplifier (stage wedges)
4 x Martin Audio Blackline F12 (stage wedges)
4 x BSS-AR133 DI
1 x Soundcraft Vi3000 FOH Console

DJ Booth

4 x Martin Audio Blackline F12
1 x Martin Audio CDD15
1 x Martin Audio S218 Blackline
3 x Crown Itech HD 5002 Amplifier
2 x BSS Soundweb London Blu-800
1 x Rane Serato SL4 interface c/w psu
4 x Technics SL-1210 mk5G c/w custom
Isonoe isolation feet
4 x Pioneer CDJ 2000NXS2
4 x Pioneer CDJ 2000 Nexus
2 x Pioneer DJM-900NXS2
1 x Allen & Heath XONE:92
1x Allen & Heath DB4
1x Rane MP2015
1 x Pioneer EFX-1000

Video

Box LED Wall: 2.6mm pitch / 1536x672px / 4x1.75m
Processor: Nova Ctrl660
1 x Mac Pro Resolume Arena 5 Video Server
with Livid Instruments OhmRGB Control
1 x Blackmagic Smarhub 12x12 matrix switcher
3 x Projection Screens
2 x Benq Projectors
1 x Optoma ZH510T Full HD 16:9 Projector

Lighting

12 x Robe Pointe
5 x Martin Rush MH3 Beam
12 x Martin Mac 101
2 x Martin Atomic 3000 Strobes
6 x SGM XC-5
6 x Martin Rush MH6 Wash
8 x Showtec Sunstrips
3 x Colourband Pix
6 x Par 56
2 x Jem Hydra Smoke Head
1 x Jem Hydra Base Unit
2 x Martin AF2 Fans
1 x Martin M6 Lighting Controller /
Submaster Wing
2 x 2w Green/Blue Lasers
1 x 3w RGB Laser
1 x Pangolin Beyond Laser Controller
with Livid Instruments OhmRGB

The 103

Sound

8 x Martin Audio W8LC
4 x Martin Audio W8LM
8 x Martin Audio Blackline S218
2 x Crown Macro Tech Series MA-5002VZ Amplifier
4 x Lab Gruppen Martin Audio MA 4.2s Amplifier
1 x Lab Gruppen Martin Audio MA 1.6s Amplifier
1 x Lab Gruppen Martin Audio MA 2.8s Amplifier
1 x BSS Soundweb London Blu-800
1 x BSS Soundweb London Blu-320

DJ Booth

4 x Martin Audio Blackline F12
1 x Martin Audio Blackline S15
1 x BSS Audio Sound Web London Blu 160
2 x Crown CTS 1200
1 x Powersoft Digam 3000
1 x Rane Serato SL4 c/w PSU
2 x Technics SL-1210 mk3D c/w custom isolation feet
1 x Pioneer DJM 900NXS2
4 x Pioneer CDJ 2000NXS2
1 x Soundcraft SI Performer 2

Video

1 x Mac-Pro Resolume Arena 5 media server
1 x Blackmagic Smarhub 12x12 matrix switcher
2 x LG 55" Plasma TV's
1 x InFocus 5145 Projector
1 x Projection Screen

Lighting

6 x Martin SmartMac Profile
4 x Martin Rush MH4 Beams
16 x Martin Mac 101
3 x SGM XC-5
1x Colourband Pix
2 x Showtec Sunstrips
1 x Martin M1 Lighting Controller
1 x Jem Hydra Base Unit
2 x Jem Hydra heads
28 x Tryka DMX RGB LED MR16 fixtures
1 x 2m Mirrorball
3 x 250kg motorised 3m truss Cubes (1500kg SWL)

The Loft

Sound

4x Martin Audio Blackline F15
2x Martin Audio Blackline S218
2x Martin Audio MA 2.8s
1x Crown ITECH Ampli er
1x BSS Soundweb London Blu-800

DJ Booth

1x Pioneer DJM900 Nexus
3x Pioneer CDJ 2000
1x Crown CTS-1200 Ampli er
2x Martin Audio Blackline F10
1x Martin Audio Balckline S15 Sub

Lighting

3x Martin Mac 101
3x Martin Mac 250
1x Pulsar 12x10A Datapak
46x Enrapture light T5 tubes
1x Martin M-PC Lighting Controller

The Baby Box

Sound

4x Martin Audio Blackline F12
2x Martin Audio Blackline F8
2x Martin Audio Blackline S218
1x BSS Soundweb London Blu-800
1x Powersoft Digam 7000 Amplifier
2x Crown CTS-1200

DJ Booth

1x Pioneer DJM900 Nexus
3x Pioneer CDJ-2000 Nexus
2x Martin Audio F10
1x Lab Gruppen Martin Audio MA 1.3s

Lighting

2 x Martin Rush MH2
4 x Martin Rush MH1
1x Martin M-PC Lighting Controller

The Lounge

Sound

4x Martin Audio Blackline WF8
2x Martin Audio Blackline WS15
1x Lab Gruppen Martin Audio MA 1.3 Amplifier
1x BSS Soundweb London Blu-10
1x BSS Soundweb London Blu-320

The Entrance Tunnel

20x Neon Pixel Flex

The Courtyard

Sound

2x Martin Audio Blackline F12
1x Crown CTS-600 Amplifier
1x BSS Soundweb London Blu-10
Lighting
8x Chauvet LED PARs
1x Christie LX650 5500 lumen Projector