

THE STUDIO



TECHNICAL SPECIFICATION

Studio: Technical Specifications

The Studio is an intimate self-contained space and can seats up to 120 people. It is ideal for small concerts, theatre productions, comedy nights and dance performances as well as other cultural events.

The maximum capacity is dependant on the event so please discuss this aspect of your booking with our team.

Access to the technical areas and equipment is only via expressed permission of Harrow Art Centre's Technical Team

Studio Size

16.88 m x 6.57 m

Offstage storage alcove: 3.03m x 4.05m

Height to Curtain track (from floor): 2.8m

Height to Lighting bars (from floor): 3.5m

Portable Steel Staging (standard set up):

Width: 6.57m

Depth: 4.87m

Height: 0.59m

The Studio stage as no masking or wing space.

Various Stage Weights are available for Set Building and Masking

Please note that if you need to mark positions on the stage floor that suitable electrical tape should be used for this purpose

Personnel Access

Car Park Access (N 51.60880° W 0.36221°)

Vehicles should use the Art Centre car park for the purpose of unloading and loading.

The studio and stage area can be accessed by the main building doors at the front of the building (External Doors: 1.76m x 2.13m Internal Entrance Door: 1.46m x 2.12m).

Dressing Rooms

Female: 5.21m x 5.13m

Male: 5.30m x 4.85m

The rooms contain comfortable seating with easy access to stage performance area. The dressing rooms are situated backstage, off a corridor with two access doors to the studio.

Special Effects

Due to the environment of the studio being maintained by a sensitive smoke detection system, all request for use of haze or smoke should be discussed with the Technical Department.

Power Distribution

4 x 32A (single phase) Dimmer room (for the connection of auxiliary equipment)

2 x 13A sockets Lighting/Sound Control Position (back of studio Stage Right)

2 x 13A sockets Mid studio on Stage Right.

2 x 13A sockets Edge of front of removal staging (Stage Right)

2 x 13A sockets Back Wall (Stage Right)

2 x 13A sockets	Back Wall (Stage Left – stage alcove)
2 x 13A sockets	Edge of front of removal staging (Stage Left by Fire Exit Door)
2 x 13A sockets	(Stage Right side wall midway up raked seating)

Stage Lighting

NOTE: Please send a lighting plan to the Technical Management Team no later than 3 weeks before your production is due in The Studio. All circuits and gel colour requests should be CLEARLY MARKED.

Due to the high level of productions and private hires, a “Pre Rig” of lighting will only be undertaken with the agreement of the Harrow Art Centre Technical Management Team.

Please be advised that Harrow Art Centre has a minimum amount of stock gel and we would advise that if specific colours are required, that these should be brought with you. Alternatively we will aim to supply to nearest colour match.

Lighting Control: Zero 88 Jester

Dimmers: Zero 88 Rackmaster 2.5Kw dimmers (fed from 3 x 16A breakers)

The rackmasters providing 29 channels of dimmable channels. These channels are assignable via an IEC patch panel to allow connection to the various 15 amp outlets around the auditorium. (See rig plan for full details)

Generic Lighting

Fresnels

4 x 500W	Strand Quartet
4 x 500W	Teatro Comma
3 x 500W	Strand Patt 123

Profiles

2 x 650W	CCT 17/36 Minutte Condenser
3 x 575W	ETC Source Four Jr Zoom.

Harrow Art Centre has various stock of GH08 Gobo Holders, however we would advise that if specific gobos are required, that these should be brought with you

Others

12 + 1000W ParCans

Intelligent Lighting

8 x ProLight Slimline LED Par Cans

Performance House Lights

There are dimmable fittings across the length of the studio space and be controlled via the lighting desk.

Sound

Sound control position is located at the back of the raked seating on Stage Right.

Sound reinforcement is controlled via a Soundcraft GB4 (16 mono inputs, 2 stereo inputs, 8 Aux sends, 4 submasters and FOH mix out)

The audio multicore provides 24 XLR inputs from stage to sound control position and 4 XLR returns to stage

Additionally, sound signal can be assigned to four boxes (mounted on the walls of the auditorium) these boxes can provide for 5 connections, terminated in XLR and ¼ Jack

The box at the rear of the auditorium is provided 6 patchable lines. There is also a video connection for each box terminating in either a BNC or coax socket.

Each dressing room has a box that has one XLR socket suitable for an off-stage microphone, six 2 ring jacks to be used for show-relay speaker, cue light or buzzer etc. There is also a BNC/Coax video termination for use for video relay.

In the auditorium there are 6 high level speaker sockets. These sockets are terminated with Speakon sockets at the auditorium end.

FoH Sound Reinforcement

2 x 300W RMS Martin Audio F8+ Backline Speakers (Flown)

1 x 400W HK AT115 SubA. Active Subwoofer

Surround Sound Reinforcement (Cinematic Rear Speakers)

2 x 240W Bose 802 Loudspeakers (Flown)

Racked at Sound Control Position:

1 x Denon DN-C615 CD Player

1x Alesis MidiVerb III Effects Processor

1x Powersoft M14D Amplifier

1 x HH VX300 Power Amplifier

1 x JBSYSTEMS beq15 15 Band Equalizer

Loose Equipment

4 x Canford Audio Passive Monitors (show relay) Fed from amplifier upstairs.

2 x 120W H/H IS112P Active Stage Monitors

Projection

1 x Sanyo PLC-WXU700A Projector (Rigged from LX1 Lighting Bar)

1 x Motorised Front Projection Screen (against back wall)

Communications

There is a 3 way Tec Pro power supply unit in the Control Room bay. This can be patched to any of the studio or dressing room tie-lines as required.

2 belt pack stations are available (other bookings permitting) by arrangement with the Tech Team.

Additional Equipment

Dependent on other bookings, additional lighting and sound equipment may be used from Elliott Hall.

Please look at the spec for Elliott Hall and discuss your requirements with our Technical Team.

The requirements of bookings in Elliott Hall will take priority for such equipment.

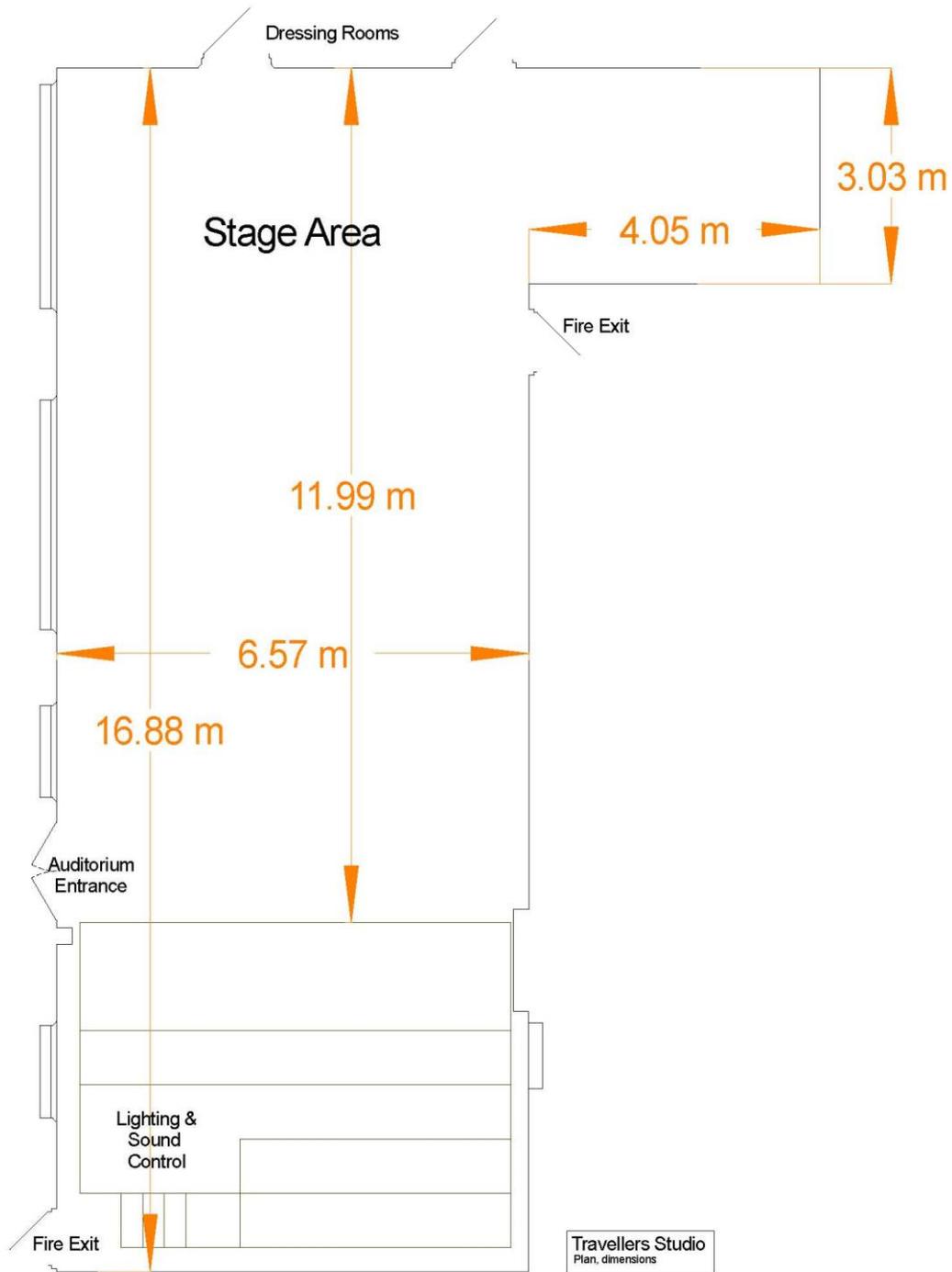


Fig 1. Studio Measurement plan: Seating Not Shown

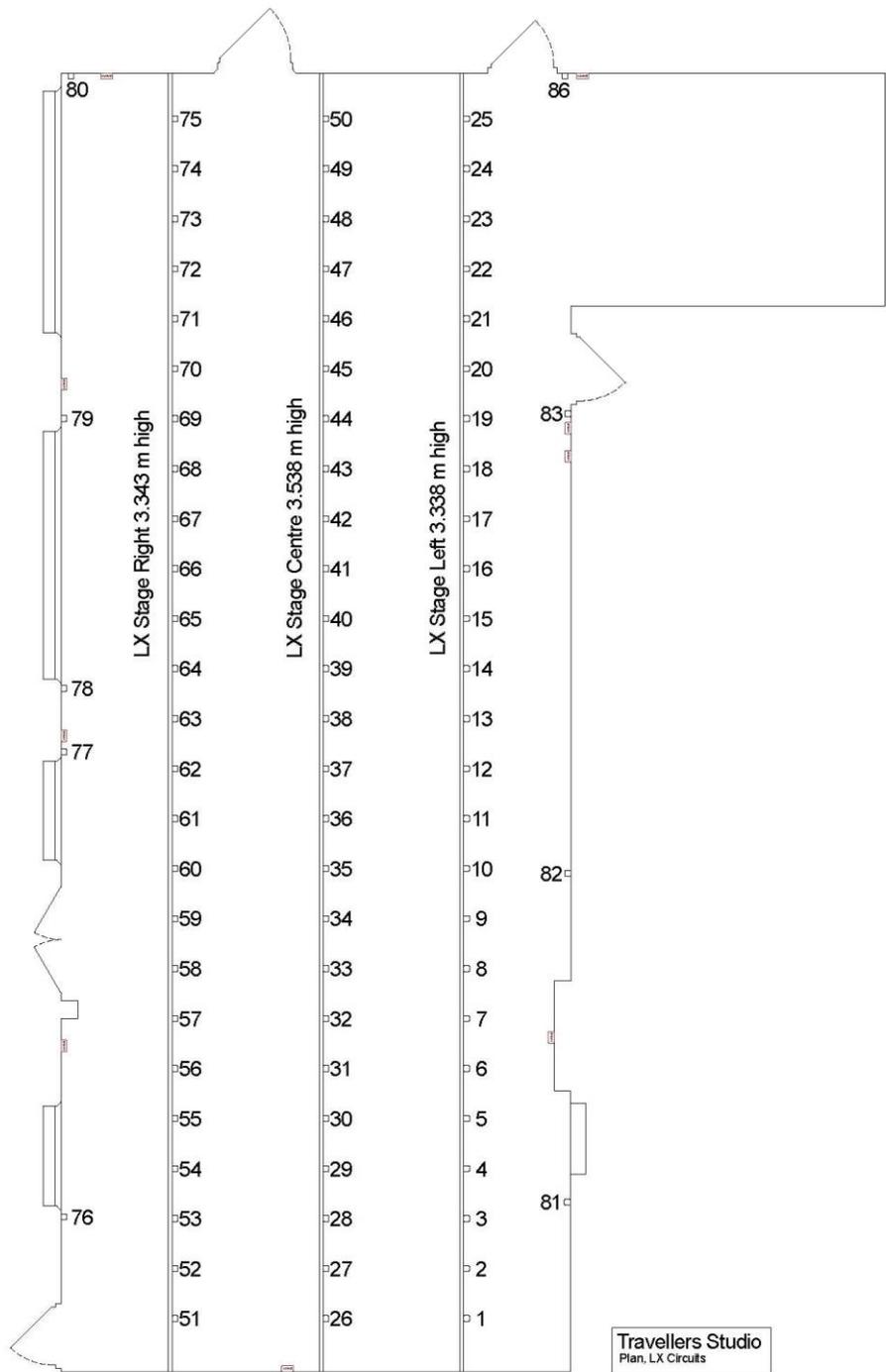


Fig 2. Studio Lighting Circuit plan: Seating Not Shown
(LX Outlets 76 – 86 at ground level)
PLEASE NOTE THAT WE CAN ONLY PROVIDE 29 DIMMABLE CHANNELS WHICH CAN BE PATCHED TO THESE OUTLETS

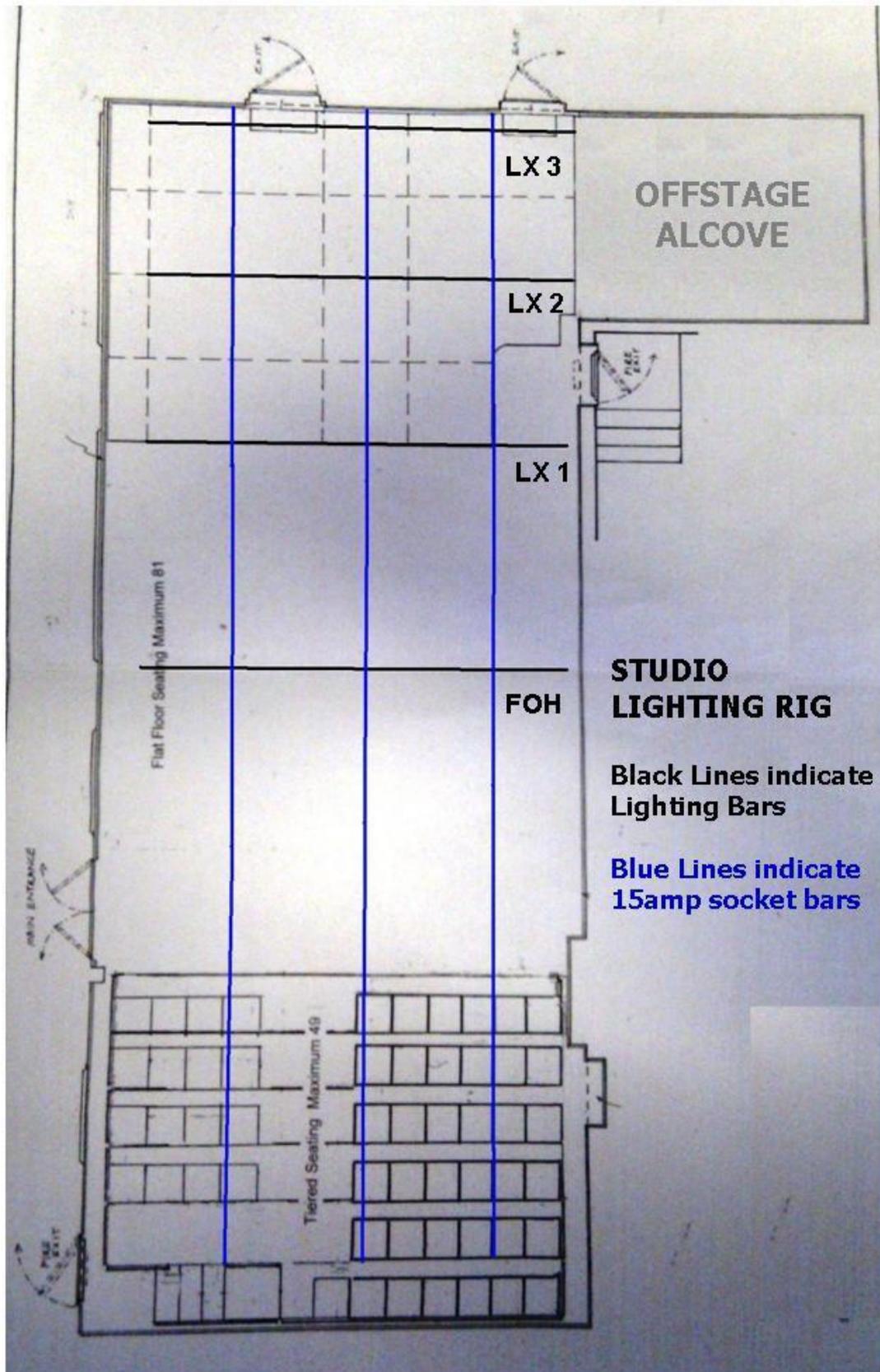


Fig 3. Studio Lighting Bar plan: Flat Floor Seating Not Shown