



The Studio

Technical Specification

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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.

Studio Size

16.88 m x 6.57 m

Offstage storage alcove: 3.03m x 4.05m

Height to Curtain track: 2.8m

Height to Lighting bars: 3.5m

Portable Steel Staging (standard set up):

Width: 6.60m

Depth: 4.87m

Height: 0.59m

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

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 Teatro Comma

3 x 500W Strand Patt 123

Profiles
4 x 575W ETC Source Four Jr Zoom.

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 racked 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 12 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
2 x 400W HK AT115 SubA. Active Subwoofer

Surround Sound Reinforcement

2 x 240W Bose 802 Loudspeakers

Racked at Sound Control Position:

1 x Numark CDN55 CD player
1 x Denon DN-A7100 Surround Sound Preamplification (7.1 surround sound)
1 x Bose 802C System Controller
1 x HH VX300 Power Amplifier

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)
1 x Fastfold Screen

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 normally left rigged, one by the LX desk and one backstage. There are one or two additional stations 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.

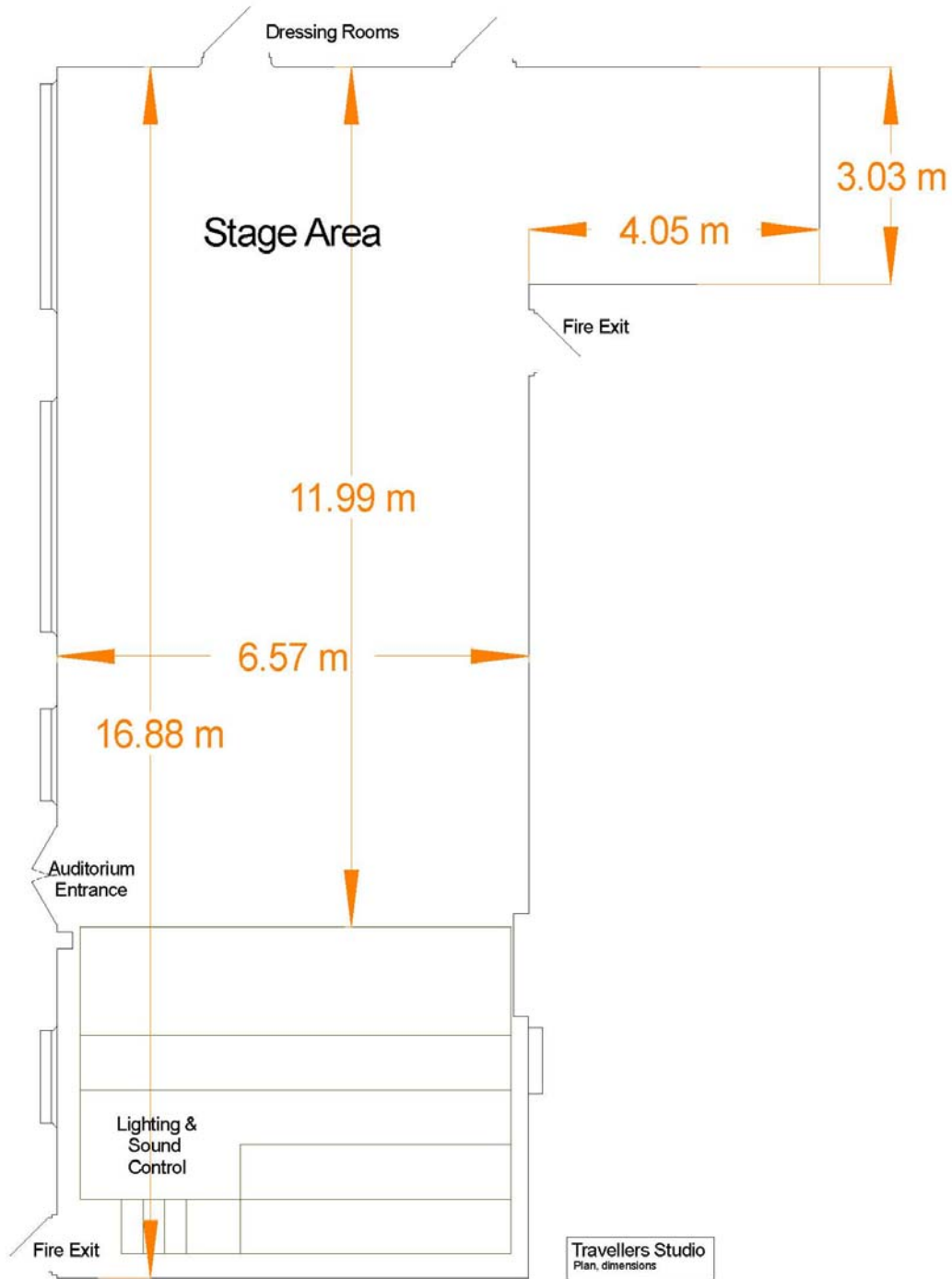


Fig 1. Studio Measurement plan: Seating Not Shown

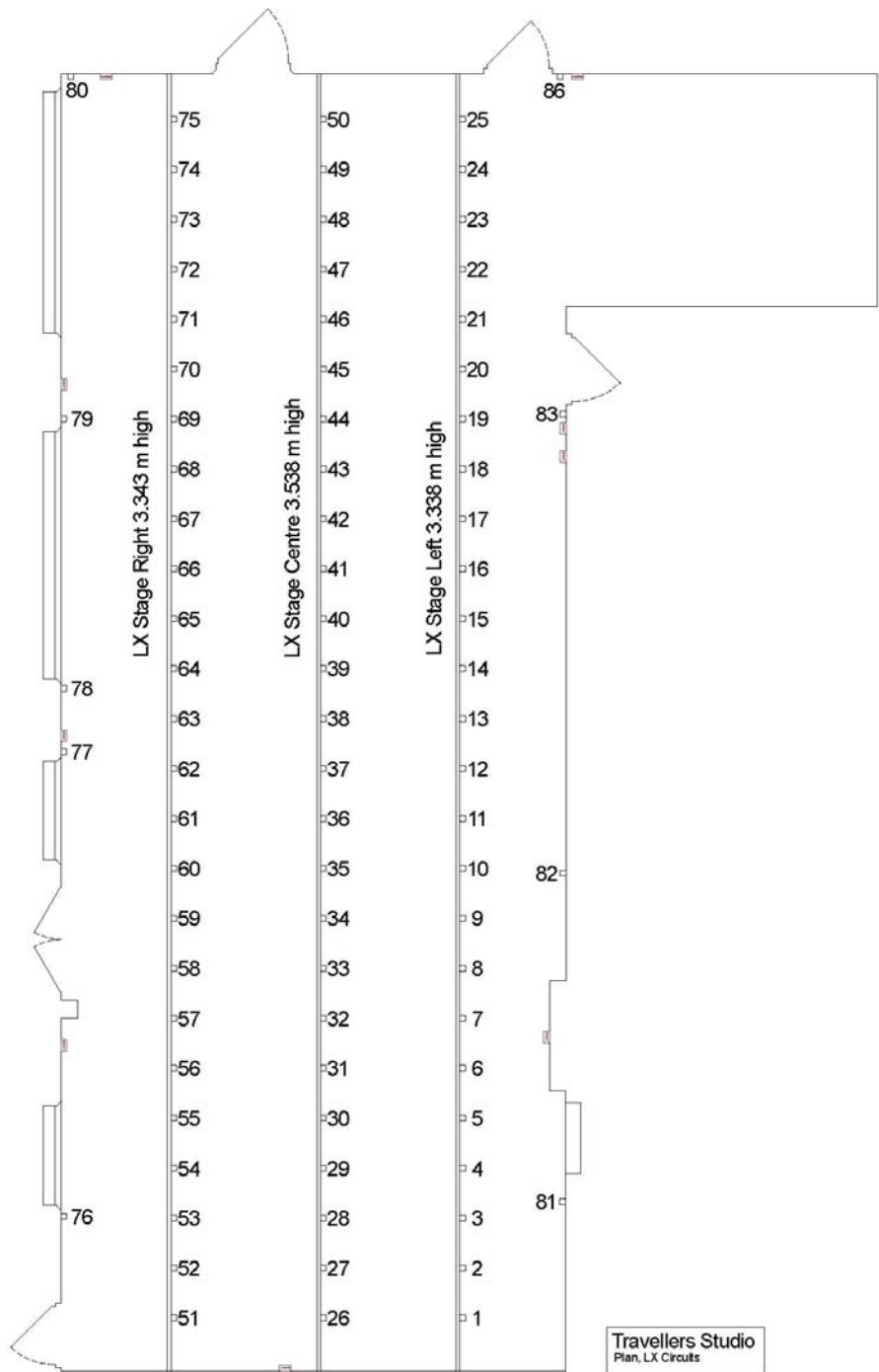


Fig 2. Studio Lighting Circuit plan: Seating Not Shown
(LX Outlets 76 – 86 at ground level)
PLEASE NOTE THAT WE CAN ONLY PROVIDE 29 DIMMABLE CHANNELS WHICH CAN BE PATCHED TO THESE OUTLETS