



Technical Specification

(Last updated 17/08/23 by AB)

Stage

Auditorium Shape and Dimensions

The studio is 'L'-shaped, with the performance space at the apex of the 'L', measuring 4160mm x 5030mm. The back walls of the stage are 2600mm high.

There is seating for a total of 80 persons (including two stewards and any actor plants etc.) on fixed benches ranging down both long sides of the 'L'.

Plans of the Playroom layout are available separately at www.adctheatre.com/technical.

Backstage and Entrances

The performance space has one on-stage entrance from the dressing rooms, and the auditorium entrance may also be accessed from backstage. The opposite side audience entrance is not accessible from backstage but actors may be preset hidden in it.

There are two dressing rooms backstage – one large, one small.

There is a stage relay system which can be heard in the green room and dressing room, and also in the corridor leading to the on-stage entrance.

Lighting

Lanterns

4x ColorSource Spot Juniors – Deep Blue

2x ColorSource PAR – Deep Blue

6 x Prelude 28/40 650w profiles

10 x Selecon Acclaim 650w Fresnels

ColorSource fixtures in standard fixed positions providing front cover.

Cabling

40 output circuits on 15A sockets around the room, with all circuits, dimmers and two LX switchable hardpower circuits brought out to a Powercon patch at the control position.

There are 6 LX Hardpower powercon sockets on the bars over stage.

There are 4 DMX sockets available on wall panels beside lighting bars.

Power

Zero 88 ChilliPro 12-way dimmer, plus 32A single phase Ceeform socket for additional dimming (please note all dimmers, stage power and LX hardpower have 63A available total).

The houselights are on a separate 1 channel dimmer at the control position, controllable by a local fader or DMX.

Control

Zero88 FLX S48 control desk

Accessories & Consumables

Additional cable, gel, gobos, dimmers, lanterns etc. available on request from the ADC Theatre – speak to the Technical or Production Managers to arrange this (there may be a charge associated with non-stock items).

Standard DMX Patch

The LED units at the Playroom have an allocated DMX address that should not be changed.

Fixture	DMX Address	Location
Dimmers	1 thru 12	N/A
ColorSource Spot Jr. 1	51	Auditorium bar in front of tech position
ColorSource PAR 2	80	Auditorium bar in front of tech position
ColorSource Spot Jr. 2	57	Auditorium bar in front of tech position
ColorSource Spot Jr. 3	63	Side bar near entrance to auditorium
ColorSource Spot Jr. 4	69	Side bar near entrance to auditorium
ColorSource PAR 1	75	Side bar near entrance to auditorium

Sound

Sources

3.5mm headphone jack input cables for laptops/MP3 players

Mac Mini with QLab 5 installed

Sennheiser XSW handheld wireless mic (requires 2x AA battery)

Mixer & Amps

ART 1U mixer with 3 stereo and 3 mono channels

Thomann stereo power amp

4x Thomann t.box 104 speakers (two per audience area, paired L and R to each side)

Other

Additional speakers, mics etc. available on request from the ADC Theatre – speak to the Technical or Production Managers to arrange this (there may be a charge associated with non-stock items). For any musical productions please check with the Technical Manager to confirm that there is adequate sound equipment available for your needs.

Cabling

There is a signal panel on the rear stage wall with 8 XLR lines, running to an XLR patch under the control desk.

Video

2x data projectors mounted above stage, one aimed at each wall so that each half of the audience has direct line of sight.

Both projectors have separate video ties feeds to the control position. A VGA splitter is available so that the same signal can be sent to both if desired. The Mac has a VGA output useable with QLab or similar. A preview monitor is set-up at the control position, also fed from the VGA splitter.

By default, the Playroom Mac does not have a paid version of QLab, so can only support one video output, meaning the two projectors must display the same thing. Productions may get a temporary QLab license or use their own QLab machine if they wish to project separately to each.

Curtains and Tracking

Halls T60 curtain track to cover back wall of the performance space.

Black wool serge curtains on this track.

Back walls of performance space painted white behind the BWS drapes.