



TECHNICAL SPECIFICATION

Colm McNally

Director of Technical and Production

cmcnally@zspace.org

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SPACE

HOUSE RULES

- Access to the space is possible from 9 am to 11:59 pm each day.
 - (NOTE: this does not mean the space is open all of these hours, we must be provided a schedule to facilitate the hours you require access)
- All work in the space must have a Z Space employee present
- The technical specification below is as accurate as possible, however, Z Space retains the right to make adjustments without notice, though every effort will be made to inform incoming clients
- No mechanical fixing to the deck is permitted
- Z space generally provides 1 crew member to each show, we can supply more crew but need a minimum of 21 days' notice to do so.
- Crew rates and hours are indicated in your contract
- Crew provided by rental clients should be suitably skilled and knowledgeable, Z Space reserves the right to remove crew from the space if necessary

STAGE

Stage Construction

Danser Sprung Oak Dance Floor treated with Masonite and Rosco marley dance flooring
Dimensions: 43'w x 64'd

Stage Layout

Rep stage layout is as follows: Rear Projection Screen (15'h x 26.5'w) hangs 33'2" from the DS line and doubles as cyc

Immediately DS of the RP (31'7") is a full stage Blackout curtain on a traveler track
Border plays DS of the Traveler (28'3").

2 Legs (6'w) play on the same pipe as the border note: these are the only legs in rep configuration

Notes and Rules for stage usage

- Mechanical connections into the deck are not permitted.
- Painting is not permitted on the Marley.
- The stage is re-taped at the discretion of the Director of Technical and Production, companies wishing to re-tape the Marley for the purposes of their own show must provide their own tape.
- The use of rosin and rosin trays is not permitted on the marley.
- Hard dance shoes (i.e. tap, flamenco, etc.) are not permitted on the stage floor without the addition of an additional surface (I.e. risers or tap floor).
- Companies partaking in activities that scuff, damage, or mark the floor shall be liable for its cleaning, repair, or replacement.
- Chemical cleaning agents are not to be used for stage mopping without the express permission of the Director of Technical and Production.

GRID AND RIGGING

The lighting grid is dead-hung from the structural steel roof beams. There are steel I-beam columns on stage right every 25'6"(on center) – starting 8' downstage from the front edge of the stage.

- Grid fixed height: 23'8" – stage floor to lighting grid (may vary slightly by pipe)
- Structural Beam height: 33' – stage floor to high steel
- Roof height: 39'5" – theatre floor to building ceiling

Any Static point loads of greater than 100lbs or static cumulative loads of greater than 500lbs must be approved by the Director of Technical and Production

Any Dynamic loads must be approved by the Director of Technical and Production, in general, dynamic loads will be required to be directly connected to the structural roof beams

There are several flying elements in the space, these are not available to fly company items, they comprise the RP screen, the Upstage projector, and the pipe on which the scrim hangs

LIGHTING

Please see the Light plot for details on the repertory plot.

A patch sheet, Instrument schedule, and Circuit information are available by request, all information is included in the rep plot.

There are 144 dimmers in Z space the circuits are patched 1:1 and run via 8 and 6-way multis to stage (please see rep plot layer "Lighting cabling" for details given the 1:1 patch hard patching is generally not necessary and not permitted without the express permission of the Director of technical and Production

There is an 8-way Opto splitter on the catwalk Stage Left near the setting line, 5 outs are used for the repertory plot, it is connected to universe two on the ETC ION. Equipment List

Control:

ETC ION 1024

Details on software version available by request

144 ETC Sensor @ 2.4kW

8-way opto splitter on the catwalk

Inventory in Repertory Plot:

S4 BODY - 51

S4 50 DEG LENS - 24

S4 36 DEG LENS - 12

S4 26 DEG LENS - 14

S4 19 DEG LENS - 1

SHEHDS 19X15W RGBW moving head (Comparable to Blizzard Flurry) - 4

COLORTRAN 8" FRESNEL - 9

CHROMA Q COLOR ONE 100 X - 15

PHILIPS COLORBLAZE 72" - 3

PHILIPS COLORBLAZE 48" - 8

Additional Inventory:

S4 BODY - 22

S4 50 DEG LENS - 8

S4 36 DEG LENS - 4

S4 26 DEG LENS - 22

S4 19 DEG LENS - 4

S4 PAR - 12

COLORTRAN 8" FRESNEL - 4

BERKEY 8" FRESNEL - 4

PAR 64 - 20

Cable:

Stage Pin and DMX is supplied for house inventory only, if using additional inventory please provide sufficient cabling, in particular, Z Space has a limited supply of DMX cable.

Misc Items:

2 GAM Twin Spin II

2 S4 Irises

1 S4 Jr Iris

6 S4 Donuts

Gobos - some general patterns available

Gel - limited pre-cut color library available

Barndoors, tophats, clip-lights,

SOUND

See Drawing for Audio Plot.

The rep plot consists of:

- LR Main - 2 X Meyer Sound UPQ
- Center Fill - Cluster of 2 X Meyer Sound UPJ
- LR Delay - 2 X Meyer Sound UPJ
- LR Surround - 2 X Meyer Sound UPJ
- Subwoofers - 2 X Meyer 500-HP

Available stage Monitors and Additional Fill units:

- 4X Meyer UPJ

Information on available flying hardware, speaker mounts, etc. available on request

- 5X Meyer UP4XP with single base station

Control:

Yamaha LS9-32 Digital Mixer FOH position is in the tech booth (the tech booth is open to the space, not enclosed).

One 16/4 channel snake runs to DSR.

5 Ethercon lines run to stage, 3 are DSR, 2 are DSL, and all have 4-way XLR ends for date purposes, these may not provide phantom power.

Speaker cables are direct from the booth to the cabinet.

2021 iMac running Mac OS12 Monterey and Q Lab 5 is available to the production, it interfaces with the sound system via a Tascam US-16x08 Rackmount USB Audio/MIDI Interface

Microphones:

- 3 Crown PCC-160 boundary
- 4 Shure SM-58
- 5 Shure SM-48
- 2 Shure SM-57
- 3 Sennheiser e604 drum mic \$10/day, \$30/wk
- 1 Shure PG52 kick drum \$10/day, \$30/wk
- 2 Crown PZM-6LP \$20/day, \$60/wk
- 5 Audio-Technica AT875R \$10/day, \$30/wk

Cabling:

Sufficient cabling and mic stands are provided for house stock only, please provide sufficient cabling and support hardware for any additional inventory.

VIDEO

Please see the drawing for the Video plot.

Projectors and Lenses:

- Epson - Epson Pro L1505U

Lenses - ELPLW05 throw ratio 0.75:1 - 1.04:1, ELPLM15 throw ratio 1.52:1 - 2.47:1

- Eiki 5K - Eiki LC-XT1

Lenses - Eiki AH-32021 throw ratio 0.8-1, Sanyo LNS-W05 throw ratio 1.3:1 - 1.8:1,

- Eiki 12K - Eiki LC-XT4

Lenses - Installed lens (model unknown at a throw distance of 67' the image ranged in width from 25' to 33'), Eiki AH-21011 throw ratio 1.2:1

Control:

Control is via the same 2021 iMac running Mac OS12 Monterey and Q Lab 5 that is used for Audio Control.

Notes on Data:

There is one ethernet run from the control booth to the Rear projector, it is connected via HDMI to HD Base T converters. The SD front projector is connected Via VGA

Projector Rigging:

The rear projector is flown and motorized, it can travel between 14'4" in its out position and the deck in its in position

The front projector is on a welded steel tower.

Various projector mounts, etc. are available depending on the use case.

SET

- Mechanical connections into the deck are not permitted.
- Painting is not permitted on the Marley.
- The stage is re-taped at the discretion of the Director of Technical and Production, companies wishing to re-tape the Marley for the purposes of their own show must provide their own tape.

8 6ft W by 23ft H legs are available as soft masking

Z Space has a very small shop space. It is suitable for small adjustments to scenic elements and properties, but it is not suitable for building scenic elements from scratch.

Z Space has a variety of platforms and stair units, please enquire for availability

Wardrobe

Z space provides an iron, ironing board, steamer, and sewing machine. There is no dedicated wardrobe space in the theatre. Z space does not have Onsite Laundry facilities.

Accommodations

There are 3 Dressing room spaces in Z Space, Two of which can support 5 persons and one of which can support 3 persons, the walls between the dressing rooms are removable if a larger space is required.

There is one onstage Bathroom with 2 stalls and a single shower. (This is located just upstage of the RP screen)

Z Space can provide High-speed Monkeybrains wifi access, approx 100Mbps up and down, wired connections can be provided upon request depending on location an use case

RENTAL ITEMS AND ADDITIONS

Z Space Charges **additional fees** for the items below:

- HD projector
- Epson Pro L1505U (lens: ELPLW05) \$450/day \$1200/wk Fixed position far upstage focused on RP screen

Microphones

- 3 Sennheiser e604 drum mic \$10/day, \$30/wk
- 1 Shure PG52 kick drum \$10/day, \$30/wk
- 2 Crown PZM-6LP \$20/day, \$60/wk
- 5 Audio-Technica AT875R \$10/day, \$30/wk

Misc Production Support

- TECH ROOM - Workbench, limited electrical and rigging tools. Limited storage
- CUSTODIAL CLOSET - Mop, sink located SR
- WORKSHOP - very small, tool cabinets and workbench, limited storage, limited hardware, and fasteners
- HEIGHT ACCESS - 2 Genie AWP-30 lift
 - 1 A-Frame 24' ladder
 - 2 12' Ladder 1
 - 8' Ladder 2 6' Ladder
- STAGE COMMUNICATIONS - 8 Hollyland Solidcom M1 wireless headsets with 3 channel functionality. The base station at the booth can connect the wired system provided by the renter if necessary.
 - 6 Walkie Talkies are also available (FOH uses two)

- EXPENDABLES - Z Space does not supply production expendables (gaff tape, tie line, batteries, etc). JCX Expendables is nearby and can be reached at 415.824.4110

Drawing Set

Below are listed the drawings also available for download, Numbered Drawings are at 1':
1/8" Scale when printed at 100% on 24" by 36" sheet

1-1: FLOOR PLAN
1-2: SL SECTION
1-3: SR SECTION
1-4: UPPER WALKWAYS
1-5: STAGE ELEVATION
1-6 HIGH STEEL

2-1: AUDIO PLOT
2-2: LIGHTING PLOT
2-3: VIDEO PLOT

Vector Works File

INSTRUMENT SCHEDULE
MAGIC SHEETS