

Technical Specifications

for

The Depot Production Space

The Depot Sound Stage
Virginia Commonwealth University
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www.vcu.edu
<http://depot.vcu.edu/>

Technical Specifications

Depot Sound Stage

Virginia Commonwealth University • Richmond, Virginia

CONTACT INFORMATION

Depot Manager: Jill B Ware
Depot Events Coordinator/Bld Manager
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Depot Technologist: John Henry Blatter
Interdisciplinary Technologist
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CARPENTRY

Seating: None

Stage Dimensions: Sound Stage Width: 23' 5"
Sound Stage Depth: 46' 4"
Grid height: 11' 7"

All points in Grid are fixed, electrics are 44' long and located at center and 8' SL/SR

Cyclorama Width: 22' 5"
Cyclorama Depth: 16'

Motion Capture max Volume: 16'W x 16'D x 7.5'H

Stage Floor: Cyclorama: All surfaces painted flat white. Cyc wall curved corners are 2' radius and connect back wall, two side walls and floor surfaces. Cyc can be painted Chroma Green for use as a green screen upon request for an additional fee. Cyc will be Chroma Green at scheduled times throughout the year. Schedule can be found at depot.vcu.edu

Motion Capture: Floor is sealed concrete.

Support Access: Loading Dock adjacent to Sound Stage. Sound Stage Door width: 68"

Access: Space is ADA accessible. Additional control booth next to Sound Stage with visible access via camera (no window to Sound Stage)

LIGHTING

Power:	ETC 24 Module Dimmer Rack, 120v, 100A, 60Hz AC w/ 48 20A Curcuits 8 - 120v; 20A Curcuits, Edison Four-plex., on walls around Sound Stage 1 - 120v, 20A Curcuit, 6 Edison Duplexes, on ceiling above Cyc
Dimmers:	24 - ETC Dual 20A Relay Module (48 Relays)
Control:	ETC - Unison® Heritage TM Fader Station 1 - Master Slider, 3 - Zone Sliders, 4 - Preset switches ETC Element light board, 500 channels Located on rolling desk with wall plates at Cyc R, Cyc L and Control Booth.
Circuits:	42 – 2.4kw circuits, distributed throughout grid with Edison Plugs and DMX 1ea - 2.4kw curcuit located Cyc L, Cyc R & Control Room 3 - ETC 4 Curcuit, 1x20A cable in, Stage Pin Out Smartbar
Equipment Inventory:	Available Instruments: 11 6" Fresnel LED, Daylight, w/ 8 Way Rotating Barn Doors 9 4.75" Fresnel LED, Daylight, w/ Way Rotating Barn Door 9 Cineo True Color LS LED, 5600K, w/ 4 Leaf Barn Door 8 DeSisti Soft Light 2, LED, Day Light, Cyc Lights w/ Wide & Medium Honey Comb Diffusers 38 25' DMX Cable 5 10' DMX Cable 18 Junior Pipe Clamp

All instruments have Edison connectors, Pipe Clamp, Safety Cable, Yolk

SOUND

Control Location:	Located on rolling desk. Additional control booth next to Sound Stage with visible access via camera (no window to Sound Stage)
Monitoring System:	Sound monitoring through Genelec 2.1 Speakers located on rolling desk. Visual monitoring from control booth via camera (no window to Sound Stage)
Production Comm:	None
Equipment Inventory:	21" iMac w/ Pro Tools 11 & Adobe Master Collection Roland M300 V-Mixer and Snake Bundle Genelec 8020.LSE 2.1 Speakers Matched pair (contains 2) AKG C 414 mic w/ pop filter Sennheiser MKH 50 Microphone w/ blimp and boom pole 4 10 10

WARDROBE

Dressing Rooms:	None. Main floor public restrooms accessible during open hours of the Depot Gallery. Second floor public restrooms accessible during open Depot hours and by request.
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MOTION CAPTURE

Capture System: Vicon 10 Camera Motion Capture System including dedicated PC with Blade (Vicon capture software) and Motion Builder (Autodesk animation software)

Hardware:

10	Bonita 10, 1MP optical camera, 250 fps featuring a varifocal lens (4 to 12mm) and NIR strobe
1	Bonita 720c color reference video camera
1	Vicon Active 5-Point Calibration Wand
1	D-Link 24-Port POE Switch for Bonita Cameras
10	Bonita RJ45 100' Snagless cable
10	Bogen 056 3-way Junior Head w/ 1/4"-20 thread
10	Bogen 035 pipe clamp

Markers, Suits and Kits:

1	Motion Capture Suit, size - Large
1	Morion Capture Suit, size - Medium
120	14mm soft markers with integral Velcro base
40	14mm hard markers on plastic base
2	Animation rigid body plate, inc. markers Velcro hook and loop

Software: Blade 2.0 powered by Axiom, for real time and off line processing and data collection
AutoDesk MotionBuilder 2014, w/ Blade plugin

Max Capture Volume - 15'W x 15'D x 7.5'H

RENTAL INFORMATION

Availability:

The Depot Sound Stage is a shared production space that provides instruction space for VCUArts Interdisciplinary Studies and a production space for the students of the School of the Arts. While VCU School of the Arts is the primary user, the Depot Sound Stage can be scheduled for certain usage when the request does not disrupt the primary users' functions.

During the regular academic sessions the space is reserved for classes M&W 12:30-3:30 and all day Tuesdays. All other times are by appointment.

Note: All times are subject to change. Please confirm all space scheduling with the Depot Technologist.

Usage:

The Depot Sound Stage is specifically designed for photo, video, film and sound production as well as motion capture. In order to preserve the integrity of the space and the primary users' function, the following criteria will be applied to determine the appropriateness of other users:

- Requested time may not disrupt primary users' function.
- Sets may only be constructed with prior approval.
- Prohibited Materials: Open flame, live animals, spray paint, any oil based products on the floor or walls
- User will not attempt to modify, repair, or disassemble the space/equipment without prior approval.
- If damaged, stolen, or lost, User agrees to pay all costs related to repair or replacement of the equipment.
- If damaged or modified, User agrees to pay all costs related to repair of the space.
- User accepts full liability for any property damage, lost or stolen equipment, violation of law, or personal injury.

- Rental Policy: Rental fees will be charged. The fees are established by VCU School of the Arts. In addition to the rental fee, the following expenses will be the responsibility of the renter, if applicable:
- User must provide or hire the appropriate number of qualified crew to assure efficient and safe usage of the equipment and space. The number and qualifications of the crew will be discussed with the Depot Technologist.
 - If the user needs more than simple lighting, then a lighting designer (or appropriate professional) will be hired by the user with the approval of the Depot Technologist. One can be provided by the Depot for an additional hourly rate.
 - If the user has no or limited experience with a Vicon Motion Capture experience, an appropriate technician will be hired by the user with the approval of the Depot Technologist. One can be provided by the Depot for an additional hourly rate.
- Booking Requests: Persons or organizations interested in renting the Depot Sound Stage must fill out a booking request form. This form is available online (<http://depot.vcu.edu>) or by contacting the Depot Technologist. This form includes dates and times requested, tech needs and a detailed description of the production/event.
- VCU requires that all non-university renters provide the manager with a certificate of insurance at the time of payment. All booking requests are submitted to the Depot Technologist for approval.
- Student Crews: VCU School of the Arts majors may be available to serve as paid production crew. Contact the Depot Technologist for crew assistance at least two weeks prior to the first usage date of the facility.