

GRAND RAPIDS CHRISTIAN HIGH SCHOOL TECHNICAL INFORMATION

Theatre Name: Richard and Helen DeVos Center for Arts and
Worship
Theatre Address: 2300 Plymouth Ave. SE
Grand Rapids, MI 49506
Director of Operation: Rick Hardenberg
Technical Director: Chris Cook
Telephone Numbers:
Normal Day: 616-574-5531 (Rick)
616-574-5608 (Rick)
616-318-0234 (Chris)
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Email Address: RHardenberg@grcs.org (Rick)
Ccook@grcs.org (Chris)
Directions: Map available from host or MIFA Office

Theatre Information:

House Size:
Number of seats: 1209
Brief Description of seating layout: 725 Orchestra. We have a Mezzanine and balcony
levels; however, we will not open them the day of
the festival.
Proscenium Height: 24'
Proscenium Width: 48'
Stage depth: 36' from plaster line
(35'-6" Centerline of stage)
Wing space: Right 20'
Left 15'
Type of Stage floor: Wood (Pine Painted black)

Stage Restrictions:	May not screw into the floor; masking, duct, or scotch tape may not be used on the stage floor. Light fog only (smoke detectors are sensitive) No Pyrotechnics or open flames.
Is there a Crossover (describe):	Yes. Hallway behind stage, access is through the upstage left and right doors, 15' behind stage; you may choose to use the space between upstage traveler and wall approx, 8'-0".
Access to the house from backstage:	Calipers onstage right and left; through the gallery doors. Backstage to hallway around the theatre, three doors, one upstage right, one upstage left, and one backstage left.
Access to the stage from house:	Calipers house right and house left, go either through gallery doors or around proscenium
Dressing Rooms (size, Location):	Two dressing rooms with accommodations for 14 – 20 persons, both with restrooms (No shower); Located in back hallway behind the stage. There will be access to the large Practice rooms in the back hallway.
Access to the stage:	Through three backstage doors, upstage right and left, one backstage left or through scene doors
Loading Dock:	Off the scene shop adjacent to the stage, covered loading dock is at street level with 13' -9"of clearance; Overhead door size 10'-0" X 8'-0"
Possible limitations or navigational problems:	Overhead door from loading dock is 10' -0"X 8'-0"; Scene shop doors to the stage are 15'-9" high X 11'- 4" wide.
Parking:	
Trucks, busses:	East lot
Cars:	South and West lot
Do you have an Orchestra Pit:	Yes, I will be set to audience level approx... 3' below stage level
Stage Managers Panel:	Down stage Right. With writing desk (19"X19") and lights.

Description of drapery including type:

Type:	Upstage, Midstage, Downstage Travelers; 3 legs each side of the stage, and 4 borders; Grand main can either travel or fly
Color:	All draperies are black; Grand Main and Valance are a dark blue
Type of Operation:	Single purchase Counter weight full fly system. Manually operated.
Location of control:	Stage right (Fly rail and Travelers) Legs are operated from stage right and left.
Hanging location:	Line set schedule available
Trim Height:	To be Determined
Fly System:	Our house operator will fly all curtains in and out; Schools may bring students to operate the travelers, we will assist you as necessary.
Notes:	Measurements to curtains from acting areas are approximants only; the measurements are from plasterline (Proscenium line) to the lift lines on the battens. The fullness of the main or upstage curtains may cross into the acting area.

Lighting System:

Description:	Dimming system is Colortran "I series" dimmers controlled through lighting console or a separate architectural system; the lighting console has full control of Work and House lights. The system is controlled through DMX512 and "Colornet," both systems are set to "Highest take precedence". For example: if work lights are on through the architectural system the console cannot switch the lights off.
Number and type of dimmers:	384, 273 dimmer outlets- all are 2.4KW

Type of lighting console:
Number of control channels:
Control protocol:

ETC ion
1000
The lighting console has 40 submasters, each of the nine areas will be programmed into the first 9 faders. Submaster 19 will be programmed with work lights, and submaster 20 will be programmed with house lights.



Board Setup:

Areas 1 through 9 assigned to corresponding Submasters 1 through 9
All Areas Sub master 10
Areas A,B,C Submasters 11, 12, 13
Cyc lights Red, Green, Blue Submasters 16,17,18
Work Lights Submaster 19
House Lights Submaster 20

Stage Lighting Description:

All Areas will be lit using 3 lighting instruments consisting of 2 FOH 575w ERS and 1 575w Panel down Light.
Areas 1-9 Front lighting will be focused from our FOH Position.
Areas 7-9 Front Lighting will be focused from our 1st Electric.

Access to dimmers:

44 circuits (2.4KW) located in floor pockets, proscenium wall and center of stage.

Non dims:

Two 2.4KW Upstage right and two 2.4KW upstage left. These are true Non dims, not running through regular dimmers.

Power outlets:

4 separate 2.4KW Edison outlets located onstage

Type of stage receptacles:

2P&G "Stagepin"

Spot Lights:

Lycan superstar 1206 will be available upon request

Sound System:

Description: Mono Two-way sound system, consisting of nine 2" horns and two 15" subwoofers; the speakers are flown in a central cluster. There are additional five satellite speakers (2" horn with a 12" subwoofer) that covers the balcony. With 4,000 watts of total power.

Type of board: Yamaha M7CL



Number of control channels: 48 plus 4 stereo faders

CD Player: Yes ran through stereo Faders on mixer
Tascam CD-150 w/ pitch control

Mini Disk: Yes ran through stereo faders on mixer
Tascam MD-310MKII

Stage Monitors (Fold back): There will be two Stage monitors one stage right and one stage left, ran through the aux send out of the mixing board.

Notes: There will be three hanging mics over the stage for the purpose of broadcasting over the closed circuit televisions located in dressing rooms, CAW hallways, CAW classrooms, and backstage. Schools are allowed to patch their sound systems into the system.

Type of Headset intercom system: Production intercom (Works with Clearcom, not with telex systems, you would need special converter.) The System has 2 channels A and B, channel A is backstage and tech booth, Channel B is dressing rooms and scene shop.

Number and location of stations: 1 stage left, 2 stage right (1 for Rail and 1 dual channel, A and B, located at Stage Manager's Panel) 3 in the tech booth, 1 at each spot, and one located in each dressing room.

There are a number of 3 pin XLR jacks around the theater to plug in extra headsets or wireless intercom systems.

Cable lengths:	20' from the wall.
Set storage area:	Located in scene shop through the scenic doors, 15'-9" H X 15'-0" W X 10'-0" D
Fire alarm system:	We must be notified if schools are using heavy fog during their performance.
Facility Restrictions:	Absolutely no Pyrotechnics, open flames, and limited Smoke effects. Schools are responsible for signs and announcements warning the audience of special effects, Example: strobe lights. No Food or Drinks in the Auditorium. No Smoking on school grounds

Black Box

Stage Restrictions:	May not screw into the floor; masking, duct, or scotch tape may not be used on the stage floor. Light fog only (smoke detectors are sensitive) No Pyrotechnics or open flames.
Is there a Crossover (describe):	Yes. Hallway located around Black box, access is through the stage left and right doors (Main),
Access to the stage:	Through 2 doors, stage right (Main Entrance) and stage left.
Tech Area (Loft):	Up the stairway adjacent to the Studio Entrance

Lighting Description

Type of lighting console:	ETC smartfade 1224
Number of control channels:	48
Control protocol:	The lighting console has 12 submasters,



Board Setup:	Areas 1 through 6 assigned to corresponding Submasters 1 through 6 All Areas Sub master 11 House Lights Submaster 12
Lighting Description:	All Areas will be lit using 3 lighting fixtures. 500 watt Mini Ellipse ERS
Follow spot:	Chauvet club spot. There is a follow spot light available for schools to use during their productions.
Power:	There are outlets located Stage Right and Left of the Acting area.

Audio Setup:

- Setup: 2 Powered speakers one located Stage Right and one Located Stage Left with a 1/8" headphone input.
- Communication: There is no communication boxes located in the Black box studio
- Notes: There will be a Dark Blue curtain upstage and stage left of acting area.
- Loading Dock: Off the scene shop adjacent to the stage, covered loading dock is at street level with 13' -9" of clearance;
Overhead door size 10'-0" X 8'-0"

Possible limitations or navigational problems:

Overhead door from loading dock is 10'-0" X 8'-0";
Or double door with a mullion (Not Removable) in the middle of the doors.
Scene shop door to the Black box are 83.5" high X 34.75" wide. Or Scenic Doors 46" wide X 15'9"