

**Technical Information: Projection** **Global Hall**

**LED WALL DISPLAY**

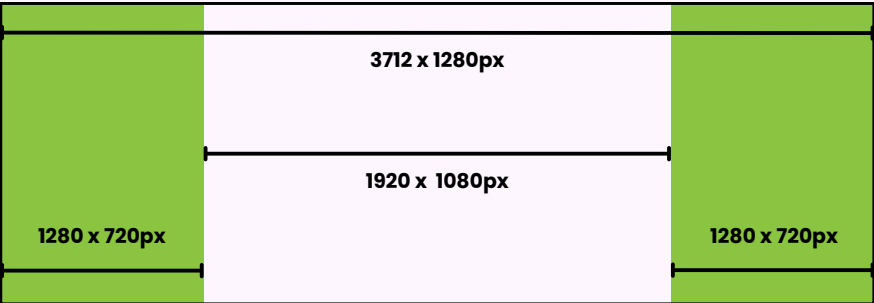
Ground Stacked, UL Listed, Novastar Controlled 12m\*6M (40ft by 19.5ft), UHD 4K P3.9, 3840Hz High Refresh, Led Display Screen with 4k Processing. Lighting console is controlled by a custom PC computer in the media control room backstage. Dimensions for video and graphics display (full) is 3712x1280. Files may require customization for full LED wall display.

LED SCREEN SPECIFICATION	
Screen Area	5m*4m=15m2
Screen Resolution	3712 (W)X 1280(H)
Brightness	≥1400cd/m2
Pixel Density	65526dots/m2
View Angle	140H,140V
Optimal Viewing Distance	≥3m
Brightness Control	Red, Green and Blue 4096 Grade/Each
Refresh Frequency	≥3840Hz
Frame Frequency	60Hz
Input Voltage	AC110V/60Hz-220-240V/50Hz
Power Consumption	Max400W/m2 Average:260W/m2
Protective Grade	IP43
Temperature Operating Range	-20°C~50°C
Humidity Operating Range	10%~95%
Control System	Novastar (Sending + Receiving Cards, Hubs)
Operating System	Windows 10
Interface	Propresenter 7

**LED WALL CONTENT DIMENSIONS (SUGGESTED)**

Full width: 3712 x 1280px  
Center Only: 1920 x 1080px (16:9)  
Side Panels: 1280 x 720px

Reference image below for content dimensions and positioning.



**CONFIDENCE MONITORS**

Two 72" Samsung 4K confidence monitors are mounted at the front of the balcony, facing the stage to display customized content for speakers and presenters.

**DISTRIBUTION**

The Global Leadership Center is equipped with 50" Smart TV displays in every room, including both men’s and women’s restrooms. In the lobby, two 72" Smart TV monitors are positioned at the front and rear for optimal viewing. All displays are connected to a video switcher, enabling seamless broadcast of LED wall content or live broadcast throughout the facility.



## **SOUND REINFORCEMENT**

Our venue features a fully integrated DSP line array with front fill and sub enclosures, providing balanced audio coverage across the stage, under-balcony, and top-balcony areas. The front-of-house mix position is conveniently located in a booth at the back of the house on the balcony level, ensuring optimal control. Stream/video mix position is located backstage in an isolated room in our media suite. Additional equipment is available for rental or can be provided upon request to meet the unique needs of each performance.

### **Processing and Rack Gear:**

- 2 Allen & Heath SQ6 Digital Mixers, 48 inputs, 12 in-ear stereo mixes (configurable as groups or auxes)
- 1 Allen & Heath GX4816 48in / 16out 96kHz digital expander
- 2 Allen & Heath DX168 16 input 8 output 96kHz digital expanders
- Allen & Heath SQ Dante 64x64 channel interface to a Dante Network
- 4 Shure ULXD4Q Quad-Channel Digital Wireless Receivers
- 14 Shure P9T Wireless Transmitters
- 2 Shure UA874 Active Directional Antennas
- 1 Shure UA845UWB Antenna Distribution System
- 1 Shure PA805 Directional Antenna
- 1 Shure PA821B Antenna Combiner for PSM® Wireless Systems

### **Wireless Microphones**

- 5 Shure ULXD1 digital bodypack transmitter
- 10 Shure ULXD1 ULXD2/K8 Cardioid Dynamic Vocal Microphone
- 14 Shure P9RA+ bodypack receiver

### **Speakers**

#### **FOH:**

- (2) VS110+VS118 Active Line Array Towers
  - (1) 18" Sub + (8) Mid/High Bi-Amped Enclosures
  - (6) VS118 Single Active Sub Enclosure (Under Stage)
  - (10) TX-8 2-Way Front Fill Speaker Enclosure
  - (8) TX-8 2-Way Under Balcony Supplemental Fill Speaker Enclosure
  - (3) E2400 1200wx4 4 Channel Power Amplifier (Balcony, Under Balcony, Front Stage Fills)
- All speakers are processed by (3) ADSP/Focus-8 DSP Professional Processors

### **Stage Monitors:**

## Technical Information: Lighting

### LIGHTING DIAGRAM

#### House Lighting Fixtures

(58) RGBW House Lighting Luminaire (35 (0 Lens) Main Floor, 65(0 Lens) Balcony Areas).

- Full Color RGBW LED Mixing Capability. Silent Operation with Multiple Dimming Curves and Wide Color Rendering Independent Fixture Control with Unlimited Zone Control for all areas of the Main Worship Center Main Floor Seating Areas + Upper and Under Balcony Seating Areas. HB-200 Features High Refresh Dimming for Flicker Free Operation.
- Video compatibility: Designed for use with HD/UHD high-speed broadcast video cameras

#### Stage Lighting

- (1) ProLight Venue 12 12 Universe + Artnet Moving Head, Dual Touchscreen Lighting Console
- (10) Chameleon-4 40wx19 RGBW Moving head Fixture with CTO/CTB Channel
- (8) Pixel 12 (above LED Wall and over audience)
- (2) Diamond Pro Venue 460 LED Full CMYK Moving Head with Gobo Animation
- (4) Diamond Pro Venue 380 LED Full CMYK Moving Head with Gobo Animation located on the floor stage left and right.
- (10) Stage COB 300 LED RGBW Fixed Front Stage Light Fixture with Electronic Zoom
- (12) Theatrical Silent Par RGBWA+UV 350 beam angle
- (8) 100W Mini Theatrical Ellipsoidal Fixture for Back Line Illumination and Light Isolation
- (2) Arena HZ-700 oil-based DMX Professional Hazer, instant on, no heat.

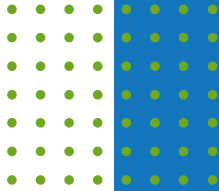
#### POWER

- (2) VS110+VS118 Active Line Array Towers



THANK YOU FOR YOUR INTEREST IN OUR FACILITY!

# FURTHER INFORMATION



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