



**ST. PAUL'S**  
— CENTRE —  
**A PLACE OF GATHERING**

## GREAT HALL – TECHNICAL SPECIFICATIONS

CAPACITY: (see attached seating layout)

- 400 padded seat/back free-standing audience chairs
  - o Chairs moveable to flexibly accommodate wheelchairs, walkers, etc
  - o Can accommodate 168 people at 21 round tables
- Room size
  - o 5,000 sq ft
  - o 52 ft wide (70 ft with transepts), 90 ft front to back
  - o 20 ft high ceiling

STAGE: (see attached diagram)

Total Deck Area: 1, 650 sq ft

Front edge: 47' wide

Depth: 26' deep

Height: 21" above auditorium floor

STAGE ITEMS:

Podiums:

- 2 speaking podiums with integrated microphones and lights

Risers:

- 21 – 3' x 4' Wooden box risers (7x16"rise, 7x 11"rise, 7x6" rise)
- 12 Wedge wooden box risers ( with the above can make a horse shoe for large choirs)
- 16 – 3' x 6' Metal platform risers (all adjustable to 32", 24", 16", 8" rise)

Chairs:

- Up to 70 black padded seat/back fold-able chairs available

Music Stands

- 25+ black metal music stands

Piano:

- Bosendorfer 225 Grand Piano

Organ:

- Cassavant Organ – digitized, can be placed anywhere on stage



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**ASSISTIVE LISTENING SYSTEM**

Listen Technologies FM (216Mhz) with receivers

**TECHNOLOGY OPERATOR POSITION:**

12 ft wide raised operator console set against back wall  
Divided into 3 sections for control of Sound, Lighting, and Data Projection/video control

**SOUND SYSTEM: - full digital QSC Q-sys control and Dante Audio system**

Console:

- Yamaha TF5 48 channel digital mixer with 3 TIO 1608 Digital Snakes

Processing:

- QSC Q-SYS and Electrovoice

Amps:

- 2 QSC CXD 4.2 4 channel amps with DSP – 400W/Ch at 8Ohms- HF
- 1 QSC CDX 4.5 4 channel amp with DSP – 1150W/Ch at 8 Ohms - MF
- 1 crown DCi2/1250 2 channel amp, 1250W @ 4 analog - Subs
- 1 QSC CX204V 4 channel amp – 200 W/Ch, 70V speakers – Atrium/BOH

Ceiling Mounted Speakers:

- Electrovoice Centre Cluster:
  - o 1 EVH 1152D/94 90x40 Long throw
  - o 2 EVF 1122D/66 60x60 short throws
  - o 1 EVF 1122D/126 120x60 front fill
  - o 1 EVF 2151D Dual 15in 1000W subwoofer
- Electrovoice Monitors
  - o 1 EVF 1122S/96 90x60 monitor short centre
  - o 1 EVF 1122S/66 60x60 monitor long centre
  - o 2 EVF 1122S/99 90x90 montors L + R

Portable Speakers: EVs

- 3 ZLX 12” two-way powered loudspeakers

Mics:

AKG C1000S (8)

Audio Technica wireless ATW-T341b handheld mics (4)

Audio Technica wireless ATW-T3202DE2 handheld mics (2)

Audio Technica wireless BP892cW-TH headset mics (6)

Audio Technica wireless ATW-C510 headset mics (2)

Audio Technica ATW-3100b receivers (6)

Audio Technica ATW-R3210 receivers (2)



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Stage Plug points: (all patchable)

- 38 mic channels and 13 returns in 8 flush mount stage boxes
- 4 flush mount stage hatches with 6 channel snakes and 2 monitor returns each.

**DATA PROJECTION:**

Crestron DMPS 300 System:

- Desktop computer, podium laptop, Blue Ray, Document Camera, Video camera inputs

Screens:

- 2 - 14' x 14' main screens
- 1 – retractable 17' x 12' screen on the back wall for speaker/performers

Projectors:

- 3 – 5800 Lumen Panasonic EW-640 projectors for main screens and Rear screens

**VIDEO STREAMING AND RECORDING:**

BlackMagic Atem Mini Extreme ISO 8 input switcher for streaming and recording

Cameras:

1. Panasonic AW-HE40 PTZ HD Camera, 1/2.3 MOS 30x Lens, HDMI output
2. Panasonic AW-HE38 PTZ HD Camera, 1/2.3 MOS 30x Lens, HDMI output
3. Canon VIXIA HF R800