

AUDIO

MAIN AUDITORIUM

FOH POSITION

Allen & Heath Avantis mixing console
iPad Avantis remote available
Up to **64** mic lines in and 24 outs from stage via
A&H GX4816 stage box
optional **DT168** stage box
There are a further 12 mic inputs/outputs on the
FOH console. The console inputs are used for
wireless mics when in use.

The desk's output matrix is used to send to LR
hang, Front Fills & AUX fed Subs.
6 monitor feeds are available via stage level
Speakon connections 1-3 downstage left, 4-6
downstage right.
The console connects to the amps via DANTE.
**PLEASE NOTE visiting desks must be routed
through the house console and will not be
connected directly to the amps**

PA SPEC

L/R FLOWN CLUSTERS
2 x **EM Acoustics HALO** Compact Sub (1 per side)
10 x **EM Acoustics HALO** Compact Loudspeakers
(5 per side)

FRONT FILLS
6 x **EM Acoustics EMS-61** Loudspeakers
(spaced evenly across front of stage)

MONITORS
Monitors are mixed from FOH
6 x **EM Acoustics M-10** wedges (Speakon outputs
1-3 downstage right & 4-6 downstage left)

AMPS
5 x **Lab-Gruppen IPD** Series Power Amplifiers with
DSP

VARIABLE ACOUSTIC BANNERS

The auditorium has been fitted with 15 purpose-
built motorised acoustic banners which can be
lowered from the roof space to vary the hall's
acoustics. With the banners fully deployed, the
natural 2 sec RV time can be reduced to approx. 1
sec. This is strongly recommended for any amplified
events.

FOYER STAGE

FOH POSITION

Allen & Heath QU16 console
iPad QU remote available.

There are up to **16** mic lines in and **8** outs from
stage via Allen & Heath **AR2412** boxes, or 8 mic
lines in and 4 outs via Allen & Heath **AR84** (both
subject to availability.)

PA SPEC

L/R STACK
4 x **EM Acoustic EMS-81X** (8" LF; 1" Soft Dome
HF) 2 each side.
2 x **EM Acoustic EMS-112** (Ceramic-magnet
compact reflex subwoofer) 1 each side.
Floor-mounted with **K&M 21337BLK** distance rods
and **K&M 24105BLK** mounting forks.

MONITORS
Monitors are mixed from FOH
4 monitor channels available EM Acoustic M-10
wedges, subject to availability.

AMPS
4 x **Lab-Gruppen IPD** Series Power Amplifiers with
DSP.

AUDIO

MICROPHONES

- 6 x Shure SM58
- 6 x Shure SM57
- 4 x Neuman 184 MT
- 4 x Shure SM81
- 4 x sE Electronics SE1a
- 2 x AKG C414
- 1 x Audio Technica AT4033
- 1 x AKG D112
- 1 x Stereo bar

STANDS & CABLES

- 2 x Extra-long boom stand
- 20 x Tall boom stand
- 5 x Short boom stand
- 18 x 15m XLR cable
- 17 x ~5m XLR cable

DI Boxes (9 channels)

- 3 x Radial PRO48 active
- 2 x Radial J48 active
- 1 x Radial PRO D2 stereo passive
- 2 x Palmer PAN 01 passive

RADIOS

- Sennhieser G3 ew100**, 4-way receiver rack
(2x ch38 & 2x ch70)
- 2 x **Sennheiser A2003** UHF antenna
- 4 x **Sennheiser SKM100-835** dynamic cardioid
microphone handheld
- 4 x **SK 100 G3** bodypack transmitters
- 4 x Ultralight headset mic, beige **HSE-152/SK**

REHEARSAL SPACE

NESTLÉ ROOM PA SPEC

- 2 x **Yamaha CBR12** passive PA speaker
- 1 x **Yamaha PX5** power amplifier
- 1 x **Mackie ProFX12v2** 12-Channel effects mixer
- 1x **Yamaha Stage Custom** drum kit with breakables

Additional equipment available on request.

MISCELLANEOUS

- 2 x **Mackie SRM450** powered speakers
with tripod stands
- 4 x **Alesis monitor m1** active studio monitors
- 1 x **Soundcraft EFX8** mixing desk

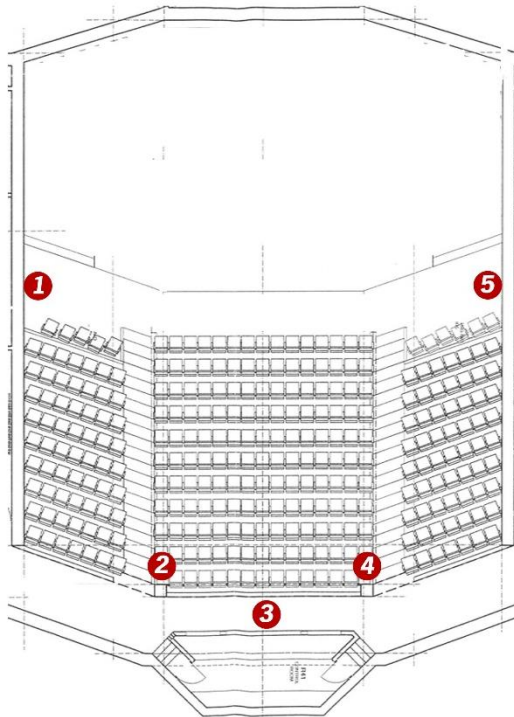
AUDIO/VISUAL

RECORDING & LIVE STREAMING

WMC operates an independent CAT6 network for NDI (video & audio) and Dante (audio). Although the AV is focused mainly in the auditorium and studio, data can be routed between most rooms in the building.

VISUAL

5 x **Birddog P200** NDI 1080p PTZ auditorium mounted cameras, see positions below:



- 2 x **Birddog Studio** NDI converters
- 2 x **JVC GY-HM600e** portable cameras
Can connect via NDI or record to SD card
- 2 x **Acebil H20** Tripods

FIXED AUDIO

- Lowerable microphone bar with
 - Neuman KM183mt** Omni spaced pair
 - Neuman KM184mt** Cardioid ORTF pair

STUDIO

VISUAL

- HP Z230 Tower PC** receives and sends video via NDI with **Vmix** for live streaming and **Edius** for video editing
- Birddog PTZ** keyboard
- Elgato Streamdeck** 15 MK2

AUDIO

- Allen & Heath GLD 80** console with **48 mic lines** via either stage box over the DANTE network
- Allen & Heath AR2412** stage box
- Apple Mac mini** connected from GLD via DANTE virtual sound card with **Logic Pro X**
- 2 x **Neumann KH80 DSP** monitors
- Neumann KH750 DSP** subwoofer

AUDITORIUM CINEMA

PROJECTION

Christie Solaria One, DCI compliant 2k Cinema projector. Housed in air-conditioned control room at the rear of the auditorium.

MEDIA SOURCES

- OPPO BDP-103** Blu-ray player
- Icecrypt STC6000 HD PVR** receiver, 1.2m satellite dish tuned to Intelsat 10-02
- CYP EL-42S** 4-way HDMI switcher with 2 identical outputs
- CYP PU-507TX-HDVGA** switchable HDMI & VGA HDBaseT transmitter with integrated scaling. Can be routed for on stage feeds.

AUDIO – 7.1 SURROUND

- Dolby CP750**, 7.1 Surround Sound decoder
- 6x **Crown DSi 2000** power amplifiers
- 3 x (L/C/R) **Martin Audio Screen 3**, Three-way bi-amp speakers
- 1 x **Martin Audio Sub 1A** speaker
- 12 x **Martin Audio Effect 3** surround speakers

AV in CONFERENCE ROOMS

PROJECTION

The Nestlé and Henry Smart Rooms are equipped with **Epson EB-W29** and 5ft pulldown projector screens. Wall-mounted VGA and HDMI input boxes and Wireless connections available. Please provide your own VGA and HDMI cables. To use the wireless connection, you will need Epson's **EasyMP Network Projection** software installed on your computer.

AUDIO

We currently only have audio permanently installed in the Nestlé room (**NESTLÉ ROOM PA SPEC** on pg.2). Should you require audio for your presentation in the Henry Smart Room please let us know in advance and we will provide the relevant equipment.

POWER

MAIN AUDITORIUM

- 2 x 32amp, 2 phase & 1x 32amp, 3 phase** on stage right lighting gantry.
One 2 phase currently powering amp rack.
- 2 x 32amp, 2 phase & 16amp 2 phase** in control room (back of auditorium).
One 32amp currently powering cinema rack.
- 8 x 13amp** standard double sockets around perimeter of auditorium stage.
- 8 x 13amp** "sound" double sockets with built in RCD protection.
4 x stage right utility panel & 4 x stage left utility panel.

FOYER STAGE

- 1 x 32amp, 2 phase** by stairs in foyer.
- 4 x 13amp, standard double sockets** around the perimeter of the foyer

Terms & Conditions

Please ensure that any portable electrical equipment being brought into building has been PAT tested and shows up to date stickers.

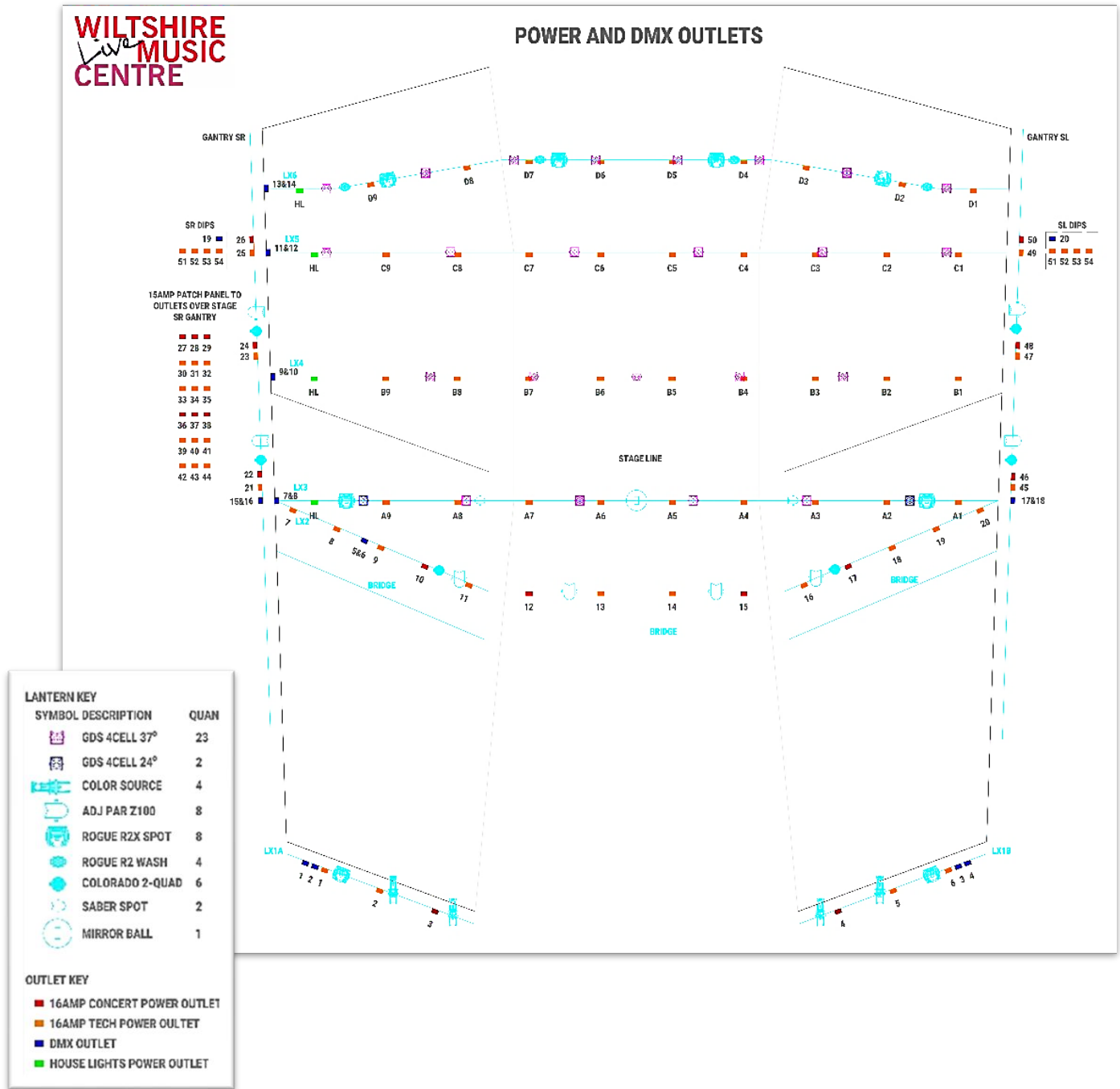
The WMC employs one technician who is responsible for providing lighting, sound and AV for all events. Please let us know if your event will require additional technicians or stage crew. If you are not sure please get in touch.

We have good links with local hire companies and we can coordinate the hire of any additional equipment your event may require. All costs will be passed on directly.

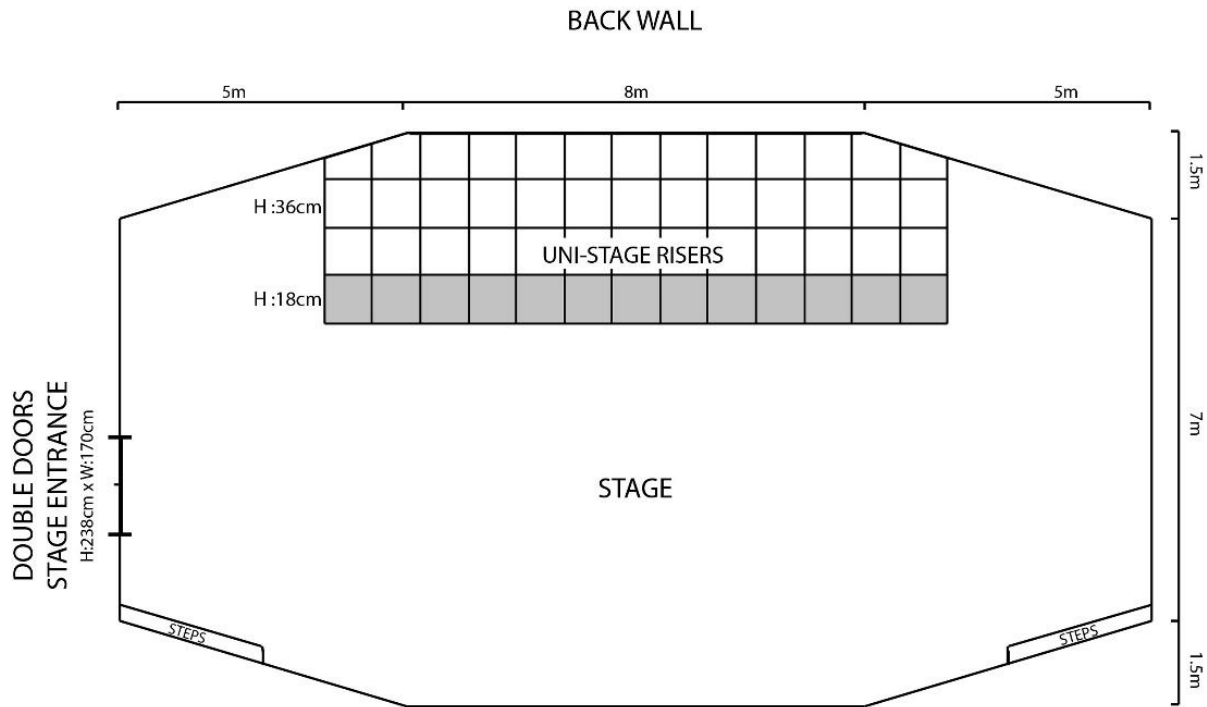
AUDITORIUM LIGHTING

Chamsys Magic Q, running on a 29" touch screen PC, wireless keyboard and mouse. Chamsys MagicQ PC Wing Compact. Magic Q visualizer model of lighting rig available on request.

Above stage IWBs only accessible via a Genie lift. This requires two IPAF trained personnel to operate. Should you wish to operate our Genie we will require full copies of up-to-date IPAF training documents.



AUDITORIUM STAGE



AUDIENCE



staging made simple

