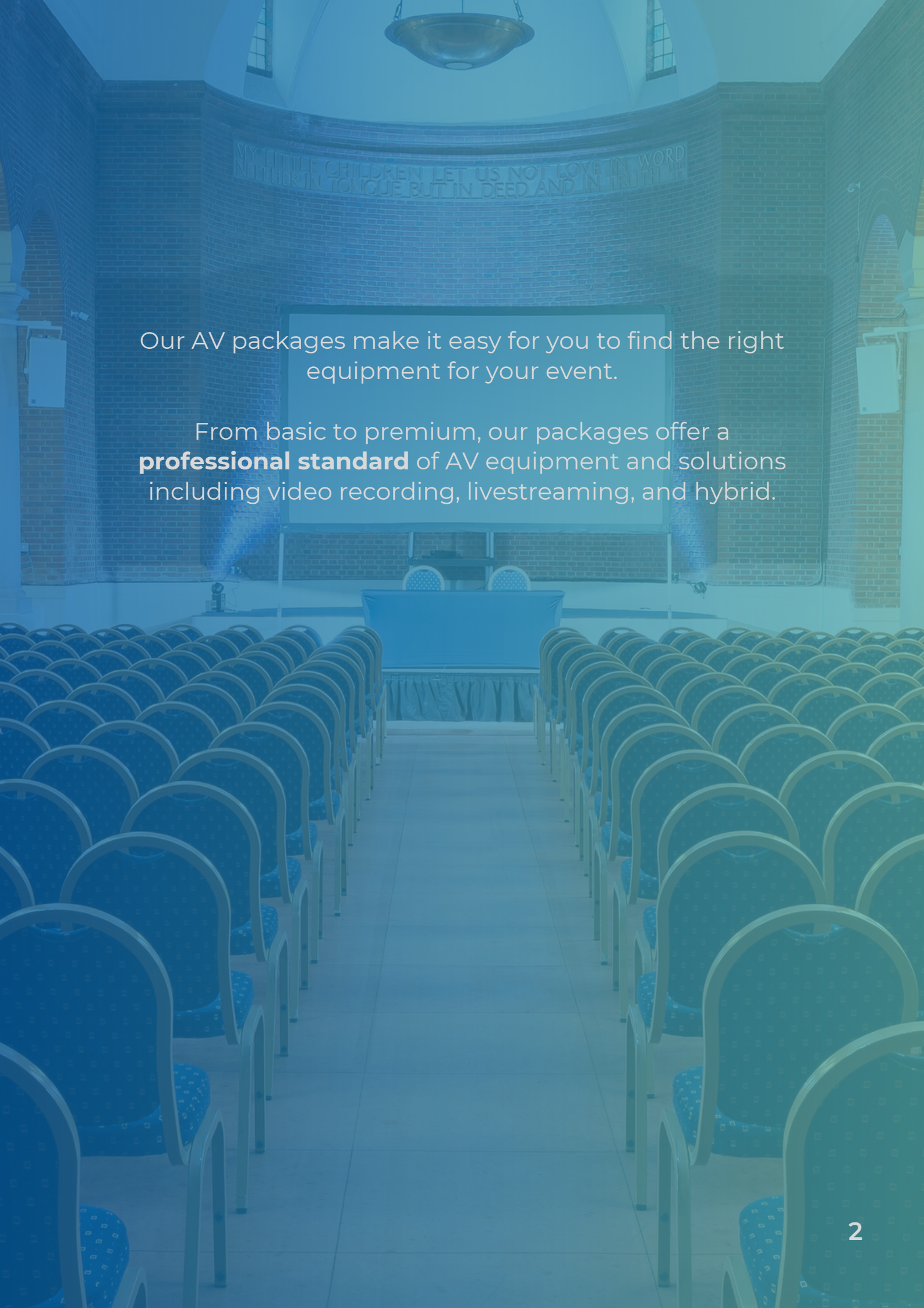




EMMANUEL CENTRE

AUDIO/VISUAL PACKAGES & TECHNICAL SPECIFICATION



Our AV packages make it easy for you to find the right equipment for your event.

From basic to premium, our packages offer a **professional standard** of AV equipment and solutions including video recording, livestreaming, and hybrid.

CONTENTS

Microphone Locker	4
AV Packages	5
• Basic AV Package - Auditorium	6
• Basic AV Package - Upper Hall	7
• Basic AV Package - Lower Hall	8
• Video Recording Packages	9
• Livestreaming Packages	10
• Hybrid Packages	12
FAQs (Frequently Asked Questions)	13

MICROPHONE LOCKER

The Emmanuel Centre keeps a collection of the following microphones:

- Shure wireless handheld microphones (most popular).
- Shure gooseneck microphones for lecterns.
- Shure tabletop microphones.
- Shure lavalier/lapel microphones (belt pack required).
- DPA CORE 4288 Directional Flex headset microphones (belt pack required).
- Wired microphones.



Wireless Handheld



Gooseneck



DPA Headset



Lavalier/Lapel



Beltpack - required when using headset or lavalier microphones



AV PACKAGES

2024

We designed the Basic AV Package to get you started with some of the fundamental AV equipment in each of our rooms for your event.

The Basic AV Package includes a dedicated sound engineer who will help to run your event smoothly.

The Basic AV Package can be expanded upon with the other packages for video recording, livestreaming, and hybrid, and can be modified to incorporate any additional equipment as needed.

Any adjustments can be easily identified and resolved through direct communications with our team.

BASIC AV PACKAGE

AUDITORIUM

Includes:

Operator

- 1x sound engineer (at Front of House and Monitors)

Fixed PA System (*d&b V-Series*) with:

Line array

- 4x Vi8 loudspeakers and 4x Vi12 loudspeakers

Subwoofers

- 4x Vi-SUB subwoofers

Front fills

- 4x E8 loudspeakers

Side fills

- 2x E8 loudspeakers

Audio console

- DiGiCo SD12 Digital Mixing Console with D2 System
- 2x D2 I/O Racks with 48 in/16 out (through BNC)

Microphones

- 2x microphones of client's preference (see p.4)

Main projector

- Panasonic PT-RZ31K 30K Lumens Solid Shine Laser Projector

Screens

Main screen

- Wall-mounted projector screen with a viewing area of 560cm x 315cm (16:9 ratio)

Side screens

- 2x Ultra-HD 70-inch LG TVs (16:9 ratio)

Comfort screens for onstage speakers

- 2x Dell monitors, 27-inch (16:9 ratio)

Visual switcher

Roland XS-84H Visual Matrix Switcher

Architecture lighting

LEDs (with a selection of RGB colours) to illuminate the auditorium's circumferential doric columns

Stage lighting

Front fixtures

- 4x Source Four dimmer spotlights

Rear fixtures

- 10x Par RGB LED backlight

Side fixtures

- 4x Source Four dimmer spotlights

Lighting control console

Fixed stage

Internet Access

Complimentary Wi-Fi for all guests

Ethernet access (1Gbps in both directions)

Stage utilities (on request)

Lectern, laptop stand, and clicker, music sheet stands, instrument stands, amp stands, microphone stands, royal blue banquet chairs

BASIC AV PACKAGE

UPPER HALL

Includes:

Operator

- 1x sound engineer (at Front of House and Monitors)

Fixed PA System (d&b) with:

- 2x Q7 loudspeakers

Audio console

- Behringer X32 Digital Mixing Console

Microphones

- 2x microphones of client's preference (see p.4)

Main projector

- Panasonic DLP PT-RZ970LB 10k Lumens Solid Shine Laser Projector

Screens

Main projector screen with a viewing area of 355cm x 200cm (16:9 ratio)

Side screens

- 2x 4K 55-inch Sharp TVs with 60Hz refresh rate

Architecture lighting

LEDs with a selection of RGB colours.

Stage lighting

- 6x dimmable spotlights (with a selection of RGB colours)
- 2x LED lighting units behind projector screen (with a selection of RGB colours)

Lighting control console

Portable Staging

Stage pieces, W:1m x D:2m x H:43cm each

Internet Access

Complimentary Wi-Fi for all guests

Ethernet access (1Gbps in both directions)

Stage utilities (on request)

Lectern, laptop stand, and clicker, music sheet stands, instrument stands, amp stands, microphone stands, royal blue banquet chairs

BASIC AV PACKAGE

LOWER HALL

Includes:

Operator

- 1x sound engineer (at Front of House and Monitors)

Fixed PA System (Nexo) with:

- 2x PS10 loudspeakers
- 1x subwoofer

Audio console

- Allen & Heath MixWizard WZ4 16:2 Mixer

Microphones

- 2x microphones of client's preference (see p.4)

Main projector

- NEC NP-PA500X-13ZL 5000-lumen projector

Screens

Wall-mounted, retractable projector screen with a viewing area of 290cm x 220cm (4:3 ratio)

Stage lighting

- 4x PAR LED dimmable spotlights (with a selection of RGB colours)

Lighting control console

Fixed stage

Internet Access

Complimentary Wi-Fi for all guests
Ethernet access (1Gbps in both directions)

Stage utilities (on request)

Lectern, laptop stand, and clicker, music sheet stands, instrument stands, amp stands, microphone stands, royal blue banquet chairs

VIDEO RECORDING

A: BASIC RECORDING PACKAGE

Includes:

- 1x static camera (no operator) with lens, tripod, and video head.
 - single static wide shot.
 - setup and record on/off by EC audio engineer.
- Audio (program-feed) from mixing console.
- EC to provide use of SD card(s) – video file to be transferred to client via USB directly after the event.



B: STANDARD RECORDING PACKAGE

Includes:

- 1x static camera with lens, tripod, and video head.
 - static and dynamic shots.
 - setup by in-house AV engineer.
- Audio (program-feed) from mixing console.
- 1x camera technical operator.
- EC to provide use of SD card(s) – video file to be transferred to client via USB directly after the event.



LIVESTREAMING

C: BASIC LIVESTREAM PACKAGE

Includes:

- 1x static camera (no operator) with lens, tripod, and video head.
 - single static wide shot.
 - setup and record on/off by EC audio engineer.
- Audio (program-feed) from mixing console.
- 1x livestream computer running Windows 10.
- Livestreaming to chosen platform.
- Local Disk recording up to 6 hours at 1080p, 30fps – video file to be transferred via USB directly after the event.



D: STANDARD LIVESTREAM PACKAGE

Includes:

- 1x static camera with lens, tripod, and video head.
 - static and dynamic shots.
 - setup by in-house AV engineer.
- Audio (program-feed) from mixing console.
- 1x camera technical operator.
- 1x livestream computer running Windows 10.
- Livestreaming to chosen platform.
- 1x video switcher.
 - Enables switching of multiple video inputs for the output feed.
- Local disk recording up to 6 hours at 1080p, 30fps – video file to be transferred via USB directly after the event.



E: PREMIUM LIVESTREAM PACKAGE

Includes:

- 1x static camera with lens, tripod, and video head.
 - static and dynamic shots.
 - setup by in-house AV engineer.
- Audio (program-feed) from mixing console.
- 1x camera technical operator.
- 1x livestream computer running Windows 10.
- Livestreaming to chosen platform.
- 1x DP (director of photography) to oversee livestream feed.
- 1x video switcher.
 - Enables switching of multiple video inputs for the output feed.
- 1x presentation laptop running Windows 10.
- Local disk recording up to 6 hours at 1080p, 30fps – video file to be transferred via USB directly after the event.



HYBRID

F: BASIC HYBRID PACKAGE

Includes:

- 1x static camera with lens, tripod, and video head.
 - static and dynamic shots.
 - setup by in-house AV engineer.
- Audio (program-feed) from mixing console.
- 1x camera technical operator.
- 1x livestream computer running Windows 10.
- Livestreaming to chosen platform.
- 1x video switcher.
 - Enables switching of multiple video inputs for the output feed.
- 1x laptop running Windows 10 for hybrid interactivity.
- Local disk recording up to 6 hours at 1080p, 30fps – video file to be transferred via USB directly after the event.



G: PREMIUM HYBRID PACKAGE

Includes:

- 1x static camera with lens, tripod, and video head.
 - static and dynamic shots.
 - set up by EC audio engineer.
- Audio (program-feed) from mixing console.
- 1x camera technical operator.
- 1x livestream computer running Windows 10.
- Livestreaming to chosen platform.
- 1x video switcher.
 - Enables switching of multiple video inputs for the output feed.
- 1x DP (director of photography) to oversee livestream feed.
- 1x laptop running Windows 10 for hybrid interactivity.
- Local Disk recording up to 6 hours at 1080p, 30fps – video file to be transferred via USB directly after the event.





FAQs

(FREQUENTLY ASKED QUESTIONS)

WHAT'S THE DIFFERENCE BETWEEN AN EVENT WITH LIVESTREAMING AND A HYBRID EVENT?

- A **livestream** is a (one-way) transmission of an event over the internet to an audience in real time. This can be done through a variety of streaming and social media platforms, such as YouTube or Facebook.
- **Hybrid** events augment "live" in-person events with a "virtual" online component - for example, a live audience Q&A at the end of a panel discussion, in which one of the panelists is connected remotely via Zoom. It could also take the form of live polling or questions sent in online from your audience (present and remote).

We recommend talking to one of our staff if you have any questions or doubts concerning what equipment you might need for your event to run smoothly.

HOW WILL WE GET OUR LIVESTREAM UP AND RUNNING ON THE DAY?

You'll need to log in to your preferred streaming account (e.g. YouTube channel) to begin or schedule a livestream.

We recommend scheduling a livestream to start 5-10 minutes before the beginning of your event, after which a unique 'stream-key URL' (also known as an 'RTMP URL') will be auto-generated for the upcoming livestream.

We'll need you to send that stream-key URL to our in-house technicians (at least a day before the event).

From there, we simply send our live video and audio feed to your streaming account on the day (through the stream-key URL), which is then transmitted to your live online audience.

CAN WE BRING OUR OWN EQUIPMENT?

Yes, of course - please inform us a week or more in advance of any equipment you'd like to bring and use at the Centre, providing the relevant PAT test certificates, risk assessments, setup methodology, and electrical power requirements.

Should you wish to bring your own equipment, our staff will not be liable for any technical anomalies which may arise from combined technologies.

Our engineers recommend the use of in-house items for events at the Centre.

DOES THE ROOM-HIRE PRICE INCLUDE MICROPHONES?

The majority of the events we do here include the Basic AV Package, which includes two microphones of your choice.

Should you require additional microphones, this can be easily arranged through direct communication with our team.

WILL THE CENTRE TECHNICIANS OPERATE OUR SLIDES AND PRESENTATIONS?

You'll be in charge of operating the slides and presentations for your event. Speakers will often control their own slides and presentations - a clicker will be available upon request.

If you require complex transitions between applications, you should provide a competent team member or hire an additional operator from the Centre.

CAN I BRING MY OWN PRESENTATION LAPTOP?

Yes. We recommend using one laptop for all media content to ensure seamless transitions – this could be your own laptop or one hired from the Centre.

If you decide to bring your own, an in-house audio operator will assist with connecting the laptop to the HDMI lead upon arrival.

CAN I HAVE SOUND THROUGH THE PA SYSTEM IN A VIDEO DURING MY PRESENTATION?

Just let us know you intend to play audio from the presentation computer and we'll make a note to have a 3.5mm jack cable ready to plug in at the start of your event.

WILL THERE BE ANYONE TO HELP ME WITH PROPS AND TECH?

Our staff are happy to help with adjusting light props and minor activities.

However, if you require a heavy props to be moved or frequent stage prop manoeuvres, we advise booking an additional operator/runner.

