

Audiovisual equipment	Specifications		
<b>Epson EB-PU1008 Projector</b> Built into Foyle Rooms	<b>Light source</b> Laser phosphor <b>Brightness</b> 8,500 lumen <b>Native resolution</b> WUXGA (1920×1200) with 4K Enhancement; accepts up to 4096×2160	<b>Contrast ratio</b> Up to 2,500,000:1 (dynamic) <b>Colour</b> 1.07 billion; uniformity 85% <b>Noise</b> 35dB (Normal)/30dB (Eco) <b>Power</b> 559 W (Normal)	<b>Inputs / outputs</b> HDMI (HDCP 2.3), HDBaseT, DVI-D, RGB D-Sub 15, USB-A×2, USB-B, RS-232C, RJ-45, audio out (3.5mm), remote (3.5mm)
<b>Funktion-One Speakers</b> Built into Foyle Rooms	<b>Features</b> Compact enclosure with high output; wide dispersion; 10” & 1” drivers optimised to Funktion One specification; excellent sensitivity; high passive crossover point to HF driver for low distortion	<b>Sensitivity (1W at 1m)</b> 101dB <b>Power (rms)</b> 150W AES <b>Nominal Impedance</b> 8Ω	<b>Frequency Response ±3dB</b> 85Hz–19kHz <b>Nominal Dispersion</b> 90° conical
<b>Sennheiser SKM500 G3</b> Radio microphone	42 MHz tuning range; 1,680 UHF frequencies; up to 32 channels per bank <b>Handheld (SKM 500 G3):</b> RF power 10/30 mW; freq. response 80 Hz–18 kHz; SNR > 115 dB(A);	THD < 0.9%; ~8 h on 2× AA <b>Max SPL (capsule-dependent)</b> up to ~154 dB; interchangeable capsules (835/845/935/945/965 etc.)	<b>Receiver (EM 500 G3):</b> True Diversity, Ethernet/WSM control <b>Features</b> IR sync, pilot-tone squelch, HDX compander, extensive presets



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<b>Sennheiser SK300 G3</b> Body pack & clip on microphone	42MHz tuning range; 1,680 tuneable UHF frequencies; 20 banks (up to 24 channels each)+6 user banks <b>Receiver (EM300 G3)</b> True Diversity; balanced XLR & 6.3mm	outputs; +18 dBu max <b>Bodypack (SK300 G3)</b> 3.5mm locking input; RF power 10/30 mW; freq. response 80Hz–18kHz; SNR>115 dB(A); THD<0.9%; ~8h on 2×AA	<b>Features</b> HDX compander, pilot-tone squelch, IR sync, auto-scan, Soundcheck mode, EQ <b>Common UK band</b> 606–648MHz (Channel 38)
<b>Samsung LH55QHRE Smart TV</b> 55” QHR Series Smart Signage Display, UHD	<b>Inputs</b> HDMI ×2, DisplayPort In, DVI-D, USB ×2, Audio In/Out, RS-232C, RJ-45 (LAN), IR In <b>Speakers</b> 2×10W <b>Power</b> 118W typical; 160W max; 0.5W standby	<b>Dimensions</b> 1235×708×46mm <b>Features</b> Non-glare panel, 24/7 operation, IP5x dust protection, UHD upscaling, Dynamic Crystal Color, built-in Wi-Fi/Bluetooth,	MagicINFO S6 (Tizen 4.0) Smart Signage Platform
<b>Samsung UE40J5100K TV</b> 40” Series 5, full HD	Not a Smart TV (no apps, Wi-Fi or Ethernet) <b>Inputs</b> HDMI ×2, USB ×1, Component ×1, Composite ×1, SCART ×1, Optical digital audio ×1, headphone ×1	<b>Audio</b> 2×10W (20W total), Dolby Digital Plus/DTS Studio Sound/DTS Premium 5.1 <b>Power</b> 45W on, 0.3W standby; Energy class A+	<b>Dimensions</b> 53.3×90.9×6.5cm



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<b>JBL IRX10BT Twin speakers</b> Free-standing	<b>System Type</b> Powered 8” two-way PA speaker	<b>Coverage Pattern</b> 90° horizontal × 60° vertical	<b>Connectivity</b> 2×XLR/TRS combo mic/line inputs
	<b>Frequency Response</b> 54 Hz–20 kHz (±3 dB)	<b>DSP Features</b> 4 × real-world EQ presets, dbx AFS2 feedback suppression, one-touch music ducking	1×XLR pass-thru output Bluetooth 5.0 audio streaming
<b>JBL M23</b> Omnidirectional measurement microphone	<b>Peak Output (SPL)</b> 124 dB		<b>Mounting</b> 35 mm pole socket
	<b>Peak Power</b> 1300 W		<b>Weight</b> 7.9 kg
	Precision-engineered for acoustical measurements, ideal for loudspeaker design, room acoustics and PA setup	<b>Frequency response</b> 3 Hz–23 kHz	balanced; min load 600 Ω
		<b>Sensitivity</b> 36 mV / Pa (-28.9 dBV/Pa)	<b>Self-noise</b> 20 dB SPL (A-weighted) (Channel 38)
		<b>Power</b> 24–48 V phantom, 10 mA	
		<b>Max acoustic input</b> 140 dB SPL	
<b>BeamZ BBP54 pro uplighters</b> For indoor & outdoor use		<b>Output</b> XLR (pin 2+); 65 Ω	
	<b>Light Source</b> 4×12 W 6-in-1 RGBAW-UV LEDs	<b>Operating time</b> up to 15 hours	<b>DMX Options</b> Wireless DMX (built-in receiver); Supports 6 or 12-channel DMX mode; Requires BeamZ transceiver for wired DMX link
	<b>Beam angle</b> 23°	<b>Recharge time</b> ~3 hours	
	<b>Field angle</b> 44°	<b>Controls &amp; Interface</b> OLED display with password lock; Sound-active, auto, DMX, master/slave, strobe, dimmer modes; IR remote included	
	<b>Brightness</b> 4,238 lx at 1 m		
	<b>Battery</b> Removable 12.6 V / 7.8 Ah lithium		<b>Dimensions</b> 131×131×163 mm <b>Weight</b> ~2.85 kg



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**Audiovisual equipment**

**AV technician**

Should you require specialist audiovisual support during your event, an AV technician can be booked in advance at the following rates:

- £100+VAT (up to 4 hours)
- £200+VAT (up to 8 hours)

Please note that technician support must be arranged in advance, as on-the-day availability cannot be guaranteed.