

## Audiovisual equipment

## Specifications

### Epson EB-PU1008 Projector

Built into Foyle Rooms

**Light source** Laser phosphor

**Brightness** 8,500 lumen

**Native resolution**

WUXGA (1920×1200)

with 4K Enhancement;

accepts up to 4096×2160

**Contrast ratio**

Up to 2,500,000:1 (dynamic)

**Colour** 1.07 billion; uniformity 85%

**Noise** 35dB (Normal)/30dB (Eco)

**Power** 559 W (Normal)

**Inputs/outputs** 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)

### Funktion-One Speakers

Built into Foyle Rooms

**Features** 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

**Sensitivity (1W at 1m)**

101dB

**Power (rms)**

150W AES

**Nominal Impedance**

8Ω

**Frequency Response** ±3dB

85Hz–19kHz

**Nominal Dispersion**

90° conical

### Sennheiser SKM500 G3

Radio microphone

42 MHz tuning range;  
1,680 UHF frequencies;  
up to 32 channels per bank  
**Handheld (SKM 500 G3):** RF power 10/30mW; freq. response 80 Hz–18 kHz; SNR>115 dB(A);

THD <0.9%; ~8 h on 2×AA

**Max SPL (capsule-dependent)**

up to ~154dB; interchangeable capsules (835/845/935/945/965 etc.)

**Receiver (EM 500 G3):** True Diversity, Ethernet/WSM control

**Features** IR sync, pilot-tone

squelch, HDX compander, extensive presets

### Sennheiser SK300 G3

Body pack & clip on microphone

42MHz tuning range;  
1,680 tuneable UHF frequencies;  
20 banks (up to 24 channels  
each)+6 user banks

**Receiver (EM300 G3)** True  
Diversity; balanced XLR & 6.3mm

outputs; +18 dBu max

**Bodypack (SK300 G3)** 3.5mm  
locking input; RF power 10/30  
mW; freq. response 80Hz–18kHz;  
SNR>115 dB(A); THD<0.9%; ~8h  
on 2×AA

**Features** HDX compander, pilot-  
tone squelch, IR sync, auto-scan,  
Soundcheck mode, EQ

**Common UK band** 606–648 MHz  
(Channel 38)

### Samsung LH55QHRE Smart TV

55" QHR Series Smart Signage  
Display, UHD

**Inputs** HDMI ×2, DisplayPort In,  
DVI-D, USB ×2, Audio In/Out, RS-  
232C, RJ-45 (LAN), IR In

**Speakers** 2×10W

**Power** 118W typical; 160W max;  
0.5W standby

**Dimensions** 1235×708×46mm

**Features** 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

### Samsung UE40J5100K TV

40" Series 5, full HD

Not a Smart TV  
(no apps, Wi-Fi or Ethernet)

#### Inputs

HDMI ×2, USB ×1, Component ×1,  
Composite ×1, SCART ×1, Optical  
digital audio ×1, headphone ×1

#### Audio

2×10W (20W total),  
Dolby Digital Plus/DTS Studio  
Sound/DTS Premium 5.1

**Power** 45W on, 0.3W standby;  
Energy class A+

#### Dimensions

53.3×90.9×6.5cm

### JBL IRX10BT Twin speakers

Free-standing

**System Type**

Powered 8" two-way PA speaker

**Frequency Response**

54Hz–20kHz (±3dB)

**Peak Output (SPL)** 124dB**Peak Power** 1300W**Coverage Pattern**

90° horizontal × 60° vertical

**DSP Features** 4 × real-world EQ  
presets, dbx AFS2 feedback  
suppression, one-touch music  
ducking

**Connectivity**

2×XLR/TRS combo mic/line inputs

1×XLR pass-thru output

Bluetooth 5.0 audio streaming

**Mounting** 35mm pole socket

**Weight** 7.9kg

### JBL M23

Omnidirectional measurement  
microphone

Precision-engineered for  
acoustical measurements, ideal  
for loudspeaker design, room  
acoustics and PA setup

**Frequency response** 3Hz–23kHz

**Sensitivity** 36mV/Pa  
(-28.9dBV/Pa)

**Power** 24–48V phantom, 10mA

**Max acoustic input** 140dB SPL

**Output** XLR (pin 2+); 65Ω

balanced; min load 600Ω

**Self-noise** 20dB SPL (A-weighted)  
(Channel 38)

### BeamZ BBP54 pro uplighters

For indoor & outdoor use

**Light Source** 4×12W

6-in-1 RGBAW-UV LEDs

**Beam angle** 23°

**Field angle** 44°

**Brightness** 4,238 lx at 1m

**Battery**

Removable 12.6V/7.8Ah lithium

**Operating time** up to 15 hours

**Recharge time** ~3 hours

**Controls & Interface**

OLED display with password lock;  
Sound-active, auto, DMX, master/  
slave, strobe, dimmer modes;  
IR remote included

**DMX Options** Wireless DMX

(built-in receiver); Supports 6 or  
12-channel DMX mode; Requires  
BeamZ transceiver for wired DMX  
link

**Dimensions** 131×131×163mm

**Weight** ~2.85kg

## **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.