CADOGAN HALL

All equipment is subject to availability and charges may apply. Please see Schedule of Charges in the Hirer's Pack for the current rates.

TECHNICAL SPECIFICATIONS

Stage Information

STAGE
13m wide
10m deep

The stage is level (i.e. no rake) and the surface consists of oak effect panels. A floor plan is available upon request.

A black topped stage extension of 10.97m x 3.35m with black serge skirt is available upon request.
This MUST be booked at contracting stage. Will incur seating losses and cost implication.
Please see Hirer's Pack for details.

A show relay system is provided which includes audio and video from four colour cameras. These may be routed all over the building as required.

Backstage calls may be made from the side of the stage and from stage door.

A modular riser system is available that is designed to be built in three tiers.
9m wide x 1m deep. Heights of 200mm, 400mm & 600mm.Seats up to 54 adults.
This system can be used in a number of different configurations using the sections shown below:

9 x 2m x 1m
9 x 1m x 1m

1 x Wenger conductor's podium with rail. Additional base podium available upon request.
1 x Opera conductor's music stand, with oak desk
1 x Double duo opera conductor's light, mains operated
100 x Amadeus black armless orchestral chairs, included in your hire
60 x Additional fold-out chairs, available for hire on stage only
80 x Opera music stands,with oak desks
45 x Duo opera music stand lights, mains operated
12 x Black metal quartet stands

20 x Stage Weights

1 x Grey metal lectern with oak panels. Fitted with 2 x Shure MX412 and an internal shelf.

5 x 10m x 2m Harlequin black lino floor. Available only for dance.

Steinway Model D Concert Grand Piano (Serial Number: 565412. Pitch A441. Colour: black, matt lid.)

Steinway Model V Upright Piano* (Serial Number: 563884.Pitch A441. Colour: brown)
(*This is the warm up piano located in Dressing Room 3.)

Stage Power:
63A 3P+N+E Ceeform socket is provided USL and USR.

Access

Passenger lift rises from Stage Door to Stage Level. The safe working load is 1000kg (evenly distributed). Dimensions are as follows:

Entrance:	***Internal:***
1m wide	99cm wide
2m high	1m 54cm deep
	2m 27cm high

Sound System

The front of house PA system is fixed and consists of the following speakers:

2 x Flown eight segment Meyer LINA line arrays driven in stereo.
2 x Flown Meyer 750-LFC sub speakers (driven from same output as the LINA array).
2 x Meyer 900-LFC sub speakers on stage.
6 x Meyer UP-4XP front fills.
2 x Meyer UPM balcony fills.
2 x Meyer UP-4XP balconyfills.
9 x Meyer UPM delays under the balcony.

9 x Additional UPM's around the Hall provide a separate surround sound effect.

Front of House Equipment

The main house console is Yamaha CL3, located at the rear of the Stalls (some seats will be lost if used).

A Yamaha QL1 is permanently installed in the control position at the back of the gallery.

One RIO3224-D and one RIO1608-D permanently mounted USL giving a total of 48 physical inputs and 32 physical outputs.

1 x RIO1608-D

Microphones

8 x 8X Sennheiser SKM 6000 handheld radio transmitters with E965 capsules
8 x Sennheiser SK 6212 mini bodypack radio transmitters with three pin Lemo to DPA MicroLock adaptors

The radio receivers are linked to a laptop running management and diagnostic software.

6 x DPA 4061 lapel microphones (black, microdot) with tie clips
4 x DPA 4661 heavy duty omni lapel microphones (black, microdot) and string instrument clips
10 x DPA DAD6001 microdot / XLR adaptors for the above
8 x DPA 6066 CORE headband microphones with omnidirectional capsules (brown, MicroLock)
4 x DPA d:fine headband microphones with directional capsules (beige, microdot)
2 x DPA d:fine headband microphones with omnidirectional capsules (beige, microdot)
2 x DPA 4099 microphones with XLR adaptors and the following mounts:
- 2x PC4099 for piano
- 1x VC4099 for violin / mandolin
- 2x CC4099 for cello
- 2X BC4099 for double bass
- 1x STC4099 for trumpet / trombone
- 1x GC4099 for guitar

5 x Shure SM58
2 x Shure SM58S
2 x Shure BETA58A
4 x Shure SM57
4 x AKG SE300 B pre amplifiers
4 x AKG CK91 cardioid capsule with wind shields
4 x sE Electronics sE8 small diaphragm condenser microphones with wind shields
2 x AKG 747
2 x AKG 414
2 x Shure MX412 (fitted to lectern)
2 x Crown LM-300AL gooseneck
1 x ElectroVoice RE20
1 x Beyerdynamic M88 TG

Drum kit set including:
1 x Audix D6
1 x Audix i5
2 x Audix D2
1 x Audix D4
2 x Audix ADX51
6 x Klark Teknik DN100 active DI boxes
2 x Klark Teknik DN200 active, stereo DI boxes

Monitor Speakes

6 x Meyer UM-100P powered stage monitor with custom cable looms
2 x Meyer UPJ
3 x Meyer UPM
1 x Yamaha MS101 Mk.2 (this can be mounted on a microphone stand)
1 x Behringer Eurolive B205D powered monitor speaker

Microphone Stands

30 x Tall boom stands(tripod)
2 x Straight pump stands
7 x Small boom stands (tripod)
4 x Weighted round bases
2 x Small table stands for AKG 74

Patching and Multicore Runs

2 x CAT6 Tie Lines available from USL to FOH Control Position

For multicore runs please allow 50m

Communications

A Tecpro communications system is fitted with connection points around the Hall and in backstage areas.

10 x Tecpro Communication single channel belt packs
10 x Tecpro single muff headsets
1 x Tecpro double muff headset
2 x Large flasher boxes for Tecpro system
1 x AKG K271 headphones

PORTABLE PA*

(*available for use in the front of house spaces only)

1 x Soundcraft Spirit E12 mixing console
1 x Behringer Ultragraph Pro FBQ3102 graphic equalizer
1 x Nexo PS 8 Amplifier
2 x Nexo PS 8 loudspeakers with stands
2 x Trantec S4.4 hand held microphones with boom stands

Video Equipment

In-house projector is a Panasonic PT-RQ25K with a 2.4-4.7:1 Ratio WUXGA Zoom Lens.

The Hall is fitted with a 10m x 5.75m front projection screen, mounted on the back wall.

Two automated black legs convert the screen from 16:9 to 4:3 aspect ratio.

HDMI Patch over Cat5 available to projector from stage and sound positions.

1 x 24” comfort monitor
1 x House laptop available for hire

Spectra LED Surtitle Display Unit measuring 3m x 0.5m.
Run by an MCTRL300 LED Video Processor. Connection to the processor is via HDMI.
Spectra surtitle software reads a standard Excel file. It supports position and music cues, and displays transition times.

Lighting System

The house console is an Avolites Sapphire Touch running on software version 19.2.
It is installed permanently in the control position at the back of the gallery.

The house truss system is a bespoke design for the Hall.

The house lighting rig is fixed and cannot be moved or re-focussed. Additional units cannot be added to the truss.

LX FIXTURES

11 x Robe DL7s spots, MODE 3, 59ch
9 x JB Lighting A12 LED washlights, E8, 38ch
7 x Robe Esprites, MODE 3, 50ch
32 x ETC Source Four LED S3 Lustr x8 with Fresnel Adapter, Direct Mode 12ch
16 x ETC Source Four LED S3 Lustr x8 with 26deg Profile Lens, Direct Mode 12ch
10 x Chauvet SlimPar PRO RGBA, 10ch
2 x Chauvet Colorado Batten 72, 13ch (TOUR)
1 x Elation eNode8 Pro. IP address 2.10.10.1 subnet 255.255.255.0

The lighting rig requires 5 universes. Addidtional universes are available at stage level.

LX plans are available on request.

FOLLOW SPOTS

2 x Robert Juliat Ivanhoe, permanently installed in the control position at the back of the gallery.

ADDITIONAL EQUIPMENT

8 x Par 64 CP62 floor cans in black
1 x Unique 2.1 hazers

DIMMING

24 x ETC Sensor Plus 3kw dimmer channels located USL+USR.
Available on 3x Socapex outputs and 6x16A per side. 6 channels of hot power available on request.
12 x ETC Sensor Plus 3kw dimmer channels located in the Gallery Blocks A+P.
Available on Socapex.

SOCAPEX

2 x 10m Socapex
4 x 5m Socapex
6 x Socapex –16A fan outs

For further information please contact the Technical team on:
technical@cadoganhall.com
020 7824 7536

Correct as of February 2026