



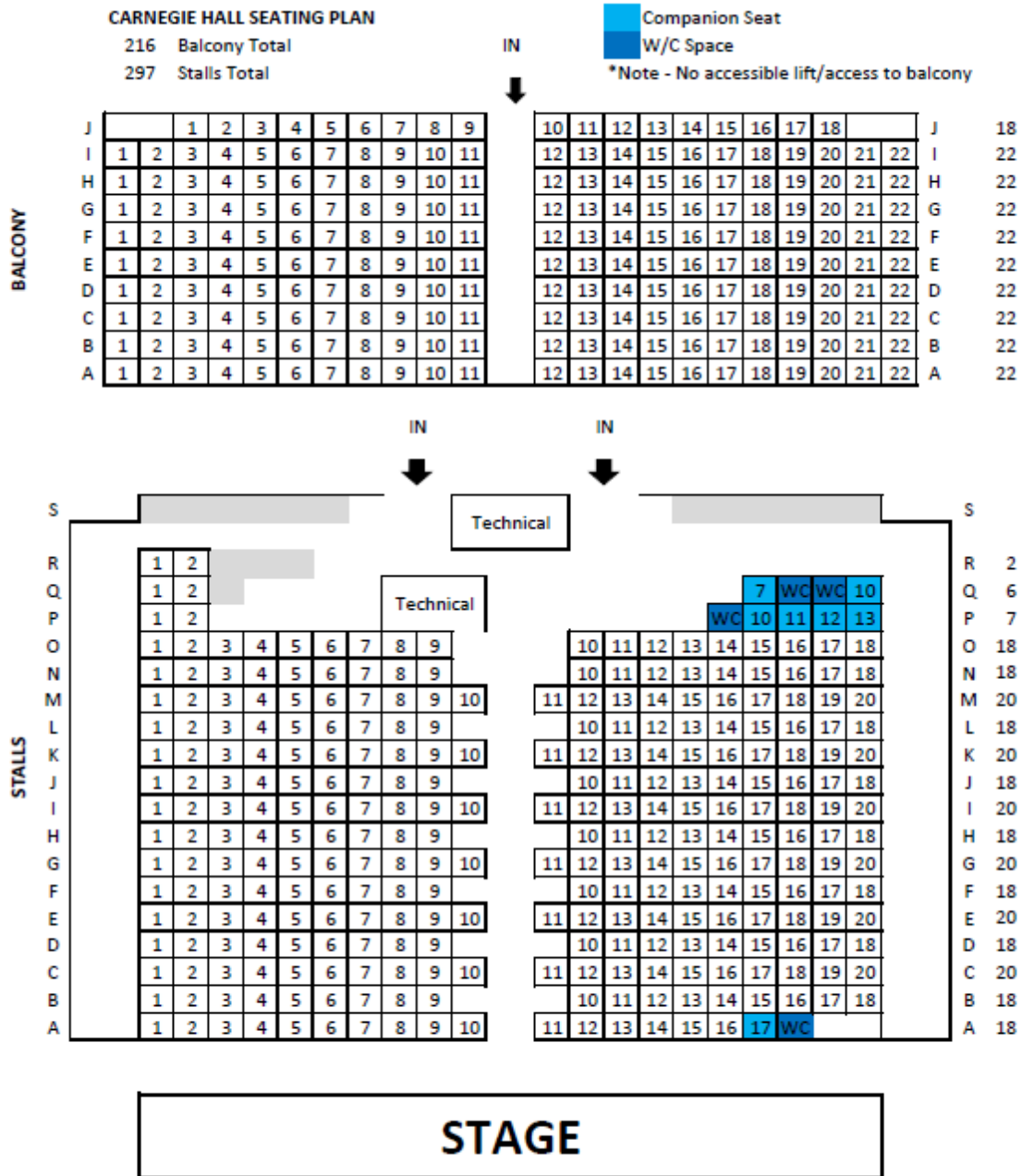
CARNEGIE HALL TECHNICAL SPECIFICATION

AS OF JAN 2024





CARNEGIE HALL SEATING PLAN



TECHNICAL SPECIFICATION - CARNEGIE HALL MAIN AUDITORIUM

Technical requirements must be submitted six weeks in advance of any production or rehearsal. Please contact the technical department to discuss matters further. This specification is intended as a guide and not all information shown can always be guaranteed accurate. Most loose items in this list are from a central pool stock and may at times be unavailable. All incoming mains equipment must be tested for electrical safety. Any scenery brought into the theatre must be fire retardant or have been treated accordingly.

Contact

Carly Barr
Technician
Carly.Barr@onfife.com

Tel: 03451 55 55 55 EXT 442468
Mobile: 07542855313

AUDITORIUM SEATING

513 with stalls and balcony. Stalls capacity 297. Balcony capacity 216. Front 3 rows of seats are removable to accommodate an orchestra. This removes 54 seats from capacity. If this is required, it must be confirmed prior to tickets going on sale.

LOADING DOCK AND PARKING

Access to Carnegie Hall is via Viewfield Terrace Car Park (council owned pay and display car park). Access for trucks/tour busses is easier during the night or early morning before the pay and display car park fills up. If arriving later in the day, please let us know as soon as possible some spaces in the pay and display car park need to be blocked off for trucks to access. Truck/van/tour bus can remain parked in the loading bay. Only one truck/tour bus or two vans can fit in the loading bay. Please keep clear of stage fire exit door. There is not an outdoor power supply for busses.

There is additional car and van parking dedicated for visiting productions at the rear of the theatre (down ramp). Note Carnegie Hall has limited parking. Only park in designated bays and not on any double yellow lines.



Loading Bay Entrance

Height: 2.4m

Width: 1.56m

NB - Loading door is 1.63m above ground level. Access is via a ramp.





Loading Bay

Access for Scenery

Access from loading bay door into stage left scene dock. Leads onto stage.

Dock Height: 3.9m

Dock Width at loading door: 4.6m

Dock Width around corner leading to stage: 3.9m



Scene Dock to stage doors height: 2.4m
Scene Dock to stage doors width: 1.7m



DIMENSIONS

STAGE

Proscenium Arch

W: 9m

H: 6.5m (5.9m to under fixed pelmet)

Stage Depth: 10.75m

Back wall to Pros: 8m

Stage Width

Wall to Wall - 14m

Stage width to masking – 9m

Height to Grid – 8.4m

Height to fly floor and bridge – 6.5m

Stage Surface

Raked wood floor covered in 6mm hardboard painted black.

Rake: 1 in 48

Accessibility:

Stage and dressing rooms have no wheelchair access.

Stage Trap – No

Flying – contact venue to discuss any possible flying requirements

ORCHESTRA PIT

Front 3 rows of seats are removeable to accommodate and orchestra.

Dimensions

W: 10m

D: 3.3m maximum

STAGE MACHINERY

Tallescope and ladders available for use on stage (tallescope fitted for anti-rake).

Genie AWP-25s for FOH

Tallescope maximum platform height: 7m

Tallescope maximum weight: 115KG

Genie maximum platform height: 9.4m

Genie maximum weight: 159KG

STANDARD HANGING PLOT

Separate bar plot/ground plan available.

Flying bars over stage

7 ETC Prodigy motorised bars (4 normally used for LX bars) - 500KG
5 semi-automatic pilewind motors (3 usually used for masking) - 500KG
3 hems (2 used for headers, 1 used for starcloth) - 50KG

FOH Trusses

Advance Truss – 500KG – 1m from front of stage
FOH 1 – 250KG – 5m from front of stage
FOH 2 – 250KG – 9m from front of stage

FOH Booms

4 vertical bars, 2 per side
FOH Boom 1 - 60KG – 1m from front of stage
FOH Boom 2 – 60KG – 6m from front of stage

STAGE CLOTHS

The stage is a black box using the following masking -
3 sets of full black tabs
3 black boarders
Starcloth permanently hung on back wall.

6 x Legs available (7m x 2m)
White gauze/cyc available (9m x 6.5m)

STAGE MANAGEMENT CONTROL DESK

Prompt

Stage Managers desk located stage left with paging to dressing rooms, bar, and foyer. Also, with bar bells to bar and foyer. Colour monitor with view of stage and FOH tabs operation.

Intercom

Tecpro system located on stage. Intercom available to stage right, stage left, grid, control room, FOH sound position and follow spots. Spare packs available for additional requirements.

AUDIO FACILITIES

Description: L'Acoustics Kiva 2 Line Array with KS21 subs all flown.

Console -

DigiCo SD9

DigiCo Quantum 225 (awaiting delivery)

System -

L'Acoustics Kiva II Line array (12 boxes per side)

L'Acoustics KS21 subs (3 left, 3 right, 3 centre)

L'Acoustics 5XT front fill (4)

Monitors/Amplifiers -

12 x L'Acoustics X12 monitors

Microphone Stock -

12 Shure SM 58

9 Shure SM 57

4 Shure Beta 57

4 Shure Beta 58

1 Shure 52A Beta

1 Shure 91A Beta

1 AKG D112

5 Sennheiser e604

2 Beyerdynamic M201

2 Sennheiser E906

1 Beyerdynamic M88

2 AKG 414 XLS

4 AKG 451 (2 Matched Pairs)

3 AKG Bluelines

2 AKG C1000

3 Crown PCC

8 Sennheiser EW100 G3 belt pack

2 Sennheiser EW100 G3 Handheld

8 way Sennheiser EW100 G3 receiver

4 Radial Pro DI

5 Behringer Ultra DI

8 LD Systems LD/02 Active DI boxes

Focusrite Scarlet 4i4

11 instrument mic stands

17 boom mic stands

5 straight mic stands

Licence

The theatre is licensed for the following frequencies VHF 606.500 to 621.000 MHz and cannot provide for frequencies out with this range.

Hearing Loop TBC (Awaiting Upgrade)

LIGHTING FACILITIES

Control Desk

ETC Ion XE20

Dimmers

96 channels Zero 88 Chilli

18 channels Betapack

52 Front of House

40 Grid Level

16 Stage Level

DMX

Patch points can be found at FOH, on stage and at grid level.

2 DMX universes and 2 ethernet lines to control room at rear of stalls.

2 DMX splitters and 2 Ethernet DMX node in dimmer room.

Intelligent Lighting.

6 x Martin Mac Encore Performance WRM

12 x Martin Mac Quantum Profile

12 x Martin Mac Aura XB

8 x Martin ELP Par

6 x Martin Rush Par 2

6 x ETC S4wrđ colour profiles

6 x Martin ELP CL profile

4 x Martin ERA 300 Profile

8 x Martin ERA 150 Wash

Generic Lanterns

30 x Parcan

6 x ETC S4 15/30

12 x ETC S4 Junior 25/50

12 x Strand Cantata Fresnel

Follow Spots

2 Robert Juliet Margot 2.5KW Located at rear of balcony.

Power

1 x 63/3 cee-form - Stage Left

3 x 63/1 cee-form - Stage Left (*1 of these are used for LX power*)

1 x 32/1 cee-form (*Normally used for touring sound*) - Stage Left

1 x 125/3 (Distro used to split down to 6 x 63/1 - 3 are used for FOH dimmers) -
Dimmer Room
6 x 13 amp sockets (separate sound phase) - Stage Left
6 x 13 amp sockets (separate general power phase) - Stage Left
4 x 13 amp sockets (General Power) - Down Stage Right
4 x 13 amp sockets (General Power) - Up Stage Right

PROJECTION FACILITIES

Computers

Apple MacBook Pro
Apple Mac Mini

Projectors

Barco G60-W10 Laser projector
Sanyo TW5900

Screens

Cinema screen approx. 9m wide x 6.5m high
Fast fold screen 9ft x 12ft
Cyclorama 9m wide x 6.5m high

CONTROL POSITIONS

Sound mix position is located on rear house left (as close to centre as possible) within the stalls. Seats are permanently removed to accommodate this space. Maximum width is 2m 10. 13 amp power, comms, tie lines to stage, 2 Cat 5 and 2 BNC are available.

Lighting control position is located within a control room to the rear of the auditorium.

EFFECTS

Mirror ball with rotator available.
2 x Martin Jem Compact Hazer Pro
1 x Martin Jem ZR25 smoke machine
1 x LeMaitre ProStage six way pyro firer.
4 x flat pods
4 x angled pods

NB – We do not keep any pyrotechnics in stock. Please contact us with your requirements and will order as required.

ADDITIONAL

Yamaha C4 grand piano available for use on stage. Please contact us with tuning requirements.

14 Rat Stands and 1 conductors Rat Stand available.

Rostra

6 Sico 2.400m x 1.200m / 300mm or 600mm high.

4 Sico 2.400m x 1.200m / 600mm or 900mm high.

2 sets of treads 600mm high.

DRESSING ROOMS AND FACILITIES

Location

Underneath stage with stage access on stage left & right through scene docks. NB – no disabled access to dressing rooms.

Crossover

Crossover is underneath stage down in dressing room area. Area is also used as a green room. A stage cross over can be created using upstage black tabs or cyclorama. Please advise 4 weeks in advance if this is required.



Dressing rooms

2 large chorus
2 principal

All dressing rooms have sinks, showers, mirrors, 13-amp power, show relay, colour monitors and can be locked. Keys can be provided on request. Wi-Fi available.

Stage Left Dressing rooms

Gents Chorus

Size (sq metre) - 21.6m²
Makeup spaces - 12
Sink no - 2
Toilet no – Toilet facilities in separate toilet next door to this dressing room
Shower no - 2
Total Capacity - 26

Gents Principal

Size (sq metre) - 13.5m²
Makeup spaces - 3
Sink no - 1
Toilet no – 1
Shower no - 1
Total Capacity – 12

Stage Right Dressing Rooms

Ladies Chorus

Size (sq metre) - 24m² (has side room – 5.7m²)
Makeup spaces -16
Sink no - 5
Toilet no – Toilet facilities in separate toilet next door to this dressing room
Shower no - 2
Total Capacity – 28

Ladies Principal

Size (sq metre) - 13.5m²
Makeup spaces - 3
Sink no - 1
Toilet no – 1
Shower no - 1
Total Capacity – 8

Washing machine and tumble dryer available. Can be used on request. Kettle, microwave, toaster and fridge available backstage.

A quick-change area can be created within one of the scene docks.

A washing machine, tumble dryer and an iron are available.