



Technical
Specification
NST City April 2018

General Information

Address

NST City
144 Above Bar St
Southampton
SO14 7DU

Contact Information

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Contacts

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Stage

Format Capacities

End On – 449: 336 stalls (236 on bleacher, 100 in pit), 113 on balcony

In the round – 384: 342 plus 42 on balcony

Thrust – 278: 236 plus 42 on balcony

Traverse – 251: 242 plus possible 9 on balcony

Flat Floor Open Room - standing for 600 people

Loading Capacity

Distributed floor Load 7.5kN/m²

Concentrated floor Load 9.0kN/m² (300mmx300mm patch)

Stage depth to back wall	9040mm
Stage depth to furthest US fly bar	7500mm
Stage depth without pit matrix seating	14120mm
Stage Setting Line	US edge of Orchestra Pit
Proscenium Width	10800mm
Maximum Proscenium Height (Adjustable)	6100mm
Width Between Fly Floors	11400mm
Stage height (from Auditorium)	780mm max (depending on adjustable pit)
Orchestra Pit depth	780mm max
Height to grid	11000mm

Counterweight Flying System

NST City is equipped with 24 x Single Purchase Counterweights at 300mm centres.

Bars are 11m with 800mm bar extensions either end.

Max SWL per bar – 350kg UDL

Hanging Plot

Distance from Setting Line mm	Number	Production Bar Description	Production Weight (kg)
300	1		
600	2		
900	3		
1200	4		
1500	5		
1800	6		
2100	7		
2400	8		
2700	9		
3000	10		
3300	11		
3600	12		
3900	13		
4500	14		
4800	15		
5100	16		
5400	17		
5700	18		
6000	19		
6300	20		
6600	21		
6900	22		
7200	23		
7500	24		

Max SWL per bar – 350kg UDL

Max Point Load Under Suspension Point – 235kg

Max Point Load Between Suspension Points – 80kg

Max UDL Between Suspension Points – 160kg

Drapes, Flattage and Track:

5 x Border 11mtr x 3mtr

1 x Full Black 11mtr x 5.5mtr

1 x Split blacks 6mtr x 5.5mtr

6 x Booked pairs flattage 1.2mtr (W) x 5.5mtr (H)

1 x Screen Groundrow 8mtr x 0.8mtr

4 x 12.4mtr rolls Dark Grey dance floor 2mm thick x 2mtrs wide

1 x White filled cloth Cyc 10.6mtr x 5.8mtr

Access Equipment

1 x Genie AWP 40s Max height 12.29m

1 x Genie GR15 Max height 6.52m

1 x Set of Large, medium and Small Zarges ladders

Lighting

Control & Dimming

ETC GIO (4096 Parameters)	1
ETC PUCK	1
ETC SENSOR 2 DIMMERS All with 16A Ceeform Connectors.	188

Profiles

ETC Source 4 15-30 Zoom	24
ETC Source 4 25-50 Zoom	12

Fresnels

SELECON RAMA 1200W	24
SELECON ARENA 2500W	4

PARS

ETC SOURCE 4 PAR EA	34
PAR 64 Chrome Floor cans	12

Additional Equipment
Subject to an additional hire fee & availability.

ETC Lustr 2 (with cyclorama scoops)	18
CHAUVET ColourDash Quad 18 LED PAR	8
Martin Atomic 3000 Strobe	2
UV Cannon	2
Moleyfay- 16 Cell MR16	2
200mm (8") Mirror Ball	1
280mm (11") Mirror Ball	1
Look Solutions Unique Hazer 2.1	3
Look Solutions Viper 2.1	1
Look Solutions Viper NT	1
Look Solutions Power Tiny	1

All equipment subject to availability at the time of arrival. This list is subject to change.

Sound

Equipment Inventory

Control

DigiCo SD9 with Core 2 9.0.929 software
32 In/16 Out D-Rack – Installed in amp room rack
32 In/8 Out D-Rack – Roaming rack with 75m tourcat Ethernet cable

Main House PA

EM Acoustics EMS126	2	Stalls L&R	AQ 10
EM Acoustics EMS129	2	Balcony L&R	AQ 10
EM Acoustics EMS115	2	L&R Subs	AQ 10
EM Acoustics EMS81	2	Front Fills	AQ 3
EM Acoustics EMS51	16	Surround L&R	2 x AQ 3

Main PA distribution through Symetrix Prism 16x16 processor.

Portable Speakers (Hire Charge Applicable)

EM Acoustics Halo C Line Array Element	6		2 Flying Grids
EM Acoustics EMS81	2		
EM Acoustics MSE218	2		
EM Acoustics EMS51	6		
EM Acoustics M12 Monitor	4		

Amplifiers

EM Acoustics DQ 20	1		
EM Acoustics AQ 10	1		
EM Acoustics AQ 3	4		

Microphones (Hire Charge Applicable)

Shure SM58	6
Shure SM57	6
Shure Beta 52A	1
Sennheiser E604	4
AKG SE300B w/CK93 capsule	4
AKG C747 with clip and mini banquet base	3

Playback (Hire Charge Applicable)

Dual redundant QLab rack w/QLab 3 & 4 licences	1
Tascam CD500B	1
Denon DN-500BD	1

Accessories (Shared with Studio)

Boom arm mic stand	16
Short Boom arm mic stand	6

Power

125A 3phase company power located USL (no distro or heavy mains cable currently available)

Wiring

Radial and Bus Tie-Lines available in multiple locations. Please check locations in advance if required.

Control Locations

Control Box

Rear of stalls – restricted view, audio feed via 2 x Genelec 8020D studio monitors.

FOH Auditorium

Central, back row of balcony. 2000 x 900mm deck.

Hearing Assist System

Sennheiser SR2050 transmitting: Show Relay 630.100
Audio Description (When Available) 630.500

15 x EK1039 Receivers (Shared with Studio)

Show Relay/Paging System

3 zones: FOH Foyer
FOH Café
Back Of House

Production Communications

Clearcom 2 way Master Station
12 x Dual Channel Clearcom Beltpacks (Shared with studio)
Motorola radio link station to integrate 2 way radios to comms