

TRON THEATRE – Main Auditorium

Lighting Rig Information

Updated 18/01/2020

General Information

DMX

Universe 1 addresses 1 > 182 & 510 > 512 are allocated to the theatres dimmers and cannot be changed.

Dmx splitter and dmx patch panel located in control room.

Dmx splitter: Swisson XSP-5R-5R
2 universes with 5 outputs or
1 universe with 10 outputs.

Dmx inputs: 2 inputs in control room (DMX Points 1 & 2)
2 inputs in centre of auditorium (DMX Points 3 & 4)

Dmx outlets: 18 outlets distributed around venue (DMX Points 6 > 25)
Dimmers, dmx independents, house lights and workers. (DMX Point 5)

Dimmers 168 x 10a Channels, Zero 88 Chilli's **DMX 1 > 168**

Independents 34 x 10a outlets - 12x **DMX 169 > 180**
22x Switched (manual) from control room

House Lights Lower House - **DMX 181** Upper House - **DMX 182**
Also activated by fire alarms

Workers Auditorium - **DMX 510** Stage - **DMX 511** Blues - **DMX 512**
Control via localised panels & dmx. **Also activated by fire alarms**

Spare Power SL Wing - 1x 63a 3 phase Cee-form socket
1x 32a single phase Cee-form socket.
Get In doors - 1x 63a 3 phase Cee-form socket

Rigging Information

All over head lx rigging should be done using counterweights and motorised hoist bars.

Overhead -

Motorised Hoists (MH) x 2 250kg UDL payload
Counterweights (C) x 11 180kg UDL payload. Double purchase
Note: Full black tabs on C11.

Hemp Sets (H) x 10 50kg UDL. payload
Note: Not suitable for lighting

Bar Heights Approx. 7.9m
Power Location Distributed along electrics gallery see SL1

SR 1 – Loading Gallery

Bar Height 8.2m
Payload 50kg UDL per section
Power Location Distributed along gallery
Dimmer Channels x 4 - DMX 121b>124b (paired with SR2)
Independents x 1 - ind 9
DMX points x 1 - DMX output: 10

SR 2 – SR Fly Floor

Bar Height 5.8m
Payload 50kg UDL per section
Power Location Distributed along fly floor
Dimmer Channels x 10 - DMX 115>124 (121a>124a paired with SR1)
Independents x 1 - ind 6
DMX points x 1 - DMX output: 19 - daisy chained with 19a @ AL3 & 4

SL 1 – Electrics Gallery

Bar Height 8.2m
Payload 50kg UDL per section
Dimmer Channels x 60 - DMX 55>114
Independents x 4 - ind 10 - 13
DMX independents x 6 - DMX 175>180
DMX points x 4 - DMX outputs: 6 > 9

SL 2 – SL Fly Floor

Bar Height 5.8m
Payload 50kg UDL per section
Power Location Distributed along fly floor
Dimmer Channels x 10 - DMX 125>134
Independents x 1 - ind 5
DMX points x 1 - DMX output: 21 - daisy chained with 21a @ AL3 & 4

SR Wing

Max Height 3m
Power Location Split between DS & US
Dimmer Channels x 10 - DS DMX 141>150
x 4 - US DMX 151>154
Independents x 2 - DS ind 4 / US ind 2
DMX points x 2 - DMX output: 22 & 23 - DSR
- DMX output: 23a – USR, fed from point 25 DSR

SL Wing

Information Booms etc info
Max Height 3m
Power Location Split between DS & US
Dimmer Channels x 10 - DS DMX 155>164
x 4 - US DMX 165>168
Independents x 2 - DS ind 3, US ind 1
DMX points x 2 - DMX output: 24 & 25 - DSL
- DMX output: 25a – USL, fed from point 25 DSL

TWG – Tension Wire Grid

Bar Heights 8.3m
Payloads Foh 1 120kg UDL whole bar
Foh 2 120kg UDL per section
Foh 3 120kg UDL whole bar
Foh 4 120kg UDL per section
Foh 5 120kg UDL whole bar
Power Location Distributed around TWG
Dimmer Channels x 24 - DMX 7>30 - distributed around grid
Independents x 6 - ind 16>21
DMX independents x 6 - DMX 169>174
DMX points x 2 - DMX output: 11 - TWG AL
- DMX output: 12 - TWG AR

FOH 6 – Upper House

Bar Height 7.6m approx.
Payload 80kg UDL
Power Location Distributed along bar
Dimmer Channels x 6 - dmx 1-6
Independents x 1 - ind 22
DMX points x 1 - DMX output: 13

AL 1 – Auditorium Left Canopy

Bar Height 7.3m
Payload 100kg UDL per section
Power Location Centered
Dimmer Channels x 6 - DMX 31>36
Independents x 1 - ind 15
DMX points x 1 - DMX output: 14

AL 2 - Auditorium Left Slip

Bar Height 6.5m
Payload 100kg UDL
Power Location At pros
Dimmer Channels x 6 - DMX 43>48
DMX points x 1 - DMX output: 16

AL 3 – Auditorium Left Lobby Entrance

Bar Height 3.3m
Payload 60kg UDL
Power Location In lobby roof
Dimmer Channels x 3 - DMX 135>137
Independents x 1 - ind 8
DMX points x 1 - DMX output: 19a - Fed from point 19 on SR fly floor

AL 4 – Auditorium Left Lobby

Bar Heights 2.9m
Payload 60kg UDL
Power/DMX Same as AL 3

AR 1 – Auditorium Right Canopy

Bar Height 7.3m
Payload 100kg UDL per section
Power Location Centered
Dimmer Channels x 6 - DMX 37>42
Independents x 1 - ind 14
DMX points x 1 - DMX output: 15

AR 2 - Auditorium Right Slip

Location Auditorium right slips
Bar Height 6.5m
Payload 100kg UDL
Power Location At pros
Dimmer Channels x 6 - DMX 49>54
DMX points x 1 - DMX output: 17

AR 3 – Auditorium Right Lobby Entrance

Bar Height 3.3m
Payload 60kg UDL
Power Location In lobby roof
Dimmer Channels x 3 - DMX 138>140
Independents x 1 - ind 7
DMX points x 1 - DMX output: 21a - Fed from point 21 on SL fly floor

AR 4 – Auditorium Right Lobby

Location Auditorium right inside lobby
Bar Heights 2.9m
Payload 60kg UDL
Power/DMX Same as AR 3