

Playhouse Theatre Cheltenham – Lighting Equipment (2020)

Lantern stock

Qty	Make	Power	Type	Beam	Gel (mm)
6	Strand Cantata 18/32 Zoom	1200W	Profile	18/32	185
12	Strand Cantata 26/44 Zoom	1200W	Profile	26/44	185
8	Strand Prelude 16/30 Zoom	500W	Profile	16/30	150
6	Strand Prelude 28/40 Zoom	500W	Profile	28/40	150
2	Strand Patt 774	1200W	Profile	5	210
1	ADB 2000TH	2000W	Fresnel	??/??	285x240
6	Strand Patt 743	1kW	Fresnel	15/82	215
1	Strand Patt 223	1kW	Fresnel	15/82	210
16	Strand Prelude F	500W	Fresnel	9/52	150
16	Par 64 Can (CP62)	1kW	Parcan	11x24	255
17	Par 16 'Birdies'	50W	Parcan	38	70
6	Strand Nocturne 1000/1	1kW	Symmetric flood	84	285x240
4	Strand Coda 500/4	500W x 4	Asymmetric flood	66	235x215
6	Lito 500 flood	500W	Symmetric flood		215
1	Strand Patt 750	1kW	Beamlight	10/30	290
1	Jem ZR DMX Fogger		Smoke machine		
7	Lighting stands (Tall)				
4	Lighting stands (Shin)				
4	Tank Traps + 2m Scaff Pole				

NB: The Patt 774's are usually rigged as follow spots with a manual 4-colour changer and manual/DMX dimmer

Please refer to the 'square one' rig on the Basic LX Plan for lantern starting/ending locations.

Extension Cables & Converters Stock

Qty	Plug	Socket	Length	Comments
10	15A	15	1m	3 Core Rubber Cable
14	15A	15A	2m	3 Core Rubber Cable
10	15A	15A	3m	3 Core Rubber Cable
10	15A	15A	4m	3 Core Rubber Cable
6	15A	15A	5m	3 Core Rubber Cable
8	15A	15A	6m	3 Core Rubber Cable
6	15A	15A	7m	3 Core Rubber Cable
7	15A	15A	10m	3 Core Rubber Cable
1	15A	15A	11m	3 Core Rubber Cable
11	15A	15A	15m	3 Core Rubber Cable
2	15A	15A	20m	3 Core Rubber Cable
20+	15A	2 x 15A	-	15A 2 Way Adaptor (Grelco)
23	15A	13A	-	Jumper
3	15A	4 x 13A	-	Jumper 4 Gang
10	13A	15A	-	Jumper
6+	13A	4 x 13A	-	4 Gang
6	5 pin	5 pin	6m	DMX Cables
1	5 pin	3 pin	-	DMX Jumper
1	3 pin	5 pin	-	DMX Jumper

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Practicals & Hardware

Practicals available include small mirror-balls, flicker wheel, street lamp and standard lamps.

Colour filter frames are included with all lantern types.

Barn doors are included for all Fresnel types except a limit of 3 available for the 743's

Control

An ETC Ion Xe 32,768 channel DMX/Network desk is provided with a 10 fader motorised wing. Also, two touch screens plus keyboard and mouse.

Optionally, an ETC Express 125 lighting desk with 125 channel DMX lighting control with 2 x 5pin XLR DMX outputs is available for basic control, or as an emergency fall back desk.

DMX and Network connection points are provided in the lighting control room, sound control room and stage managers corner (SL). DMX is patchable from each of these locations to a 6 way DMX splitter in a 19" rack unit located on the SR concrete gantry, for on-going distribution to DMX controllable fixtures and to the dimmer racks. Patching is not required if using the network option. *(Please refer to the Auditorium Networks & Show Control Information document for additional details)*

An auditorium plot table is available for the fit-up if required.

Dimming

96 x 2.4kW D54 Strand Permuss Dimmers (with DMX to D54 converter). Dimmers are hard-wired to 15A sockets throughout the stage and auditorium (some sockets are paired). Please refer to drawings for locations of outlets.

1 x Strand 6 Channel House Lights Dimmer. Dimmers are hard wired to general and architectural lighting throughout the auditorium and beyond. This dimmer pack is pre-set to respond to the single DMX Channel 97. When this Channel is set to 100% it provides House and architectural lighting in a pre-balanced state. When set to 0%, all auditorium lighting will be extinguished except for main exit doors and the vomitorium lights which will remain on in a dimmed state.

Two manual dimmers (with optional DMX capability) are attached to each of the Patt 774 trunion arms

Supply

63A-3ph supply is available SR (Scene Dock) for additional dimmers.

Important Notes

PTC equipment must not be modified or altered in any way (including removal of plug tops).

This equipment list is available as a guide only. Whilst the Cheltenham Playhouse endeavours to keep all items available, no guarantees can be made (due to loss, damage, servicing etc.).

Discovery of any damaged, or non-operational, item must be notified immediately to the Technical Manager, or Theatre Manager.