



## PATCHING AND LX CONTROL

(UPDATED 26/06/11)

### FRONT OF HOUSE PATCH

**32 x 2.5kW channels**  
(channels 53-76 fed from dimmers in scene dock; channels 161-168 fed from dimmers in patch bay)

4 PS House Light Bar  
4 OP House Light Bar  
2 Lime Box  
4 Orchestra Pit  
2 Juliettes (1 each side)  
4 Dome  
8 PS Side Bars  
7 PS Ladder  
6 PS Perch  
6 OP Perch  
7 OP Ladder  
8 OP Side Bars

Socket letters run  
PS → OP, Top → Bottom

D → A  
A → D

All patch tails reach channels 53-76  
All patch tails bar those from OP perch, OP ladder, OP side bar and selected circuits from PS perch (2) and PS ladder (1) reach channels 161-168

### STAGE PATCH

**68 x 2.5kW channels**  
(channels 1-52 fed from dimmers in patch bay; channels 77-92 fed from dimmers in scene dock)

**8 x 5kW channels**  
(channels 95-102 fed from dimmers in dimmer room)  
(NB 15A cables can only feed loads of 3kW, therefore pairing must be done at the patch bay)

2 US OP Dips  
3 DS OP Dips  
3 MS OP Dips  
3 US Dips  
2 MS PS Dips  
2 DS PS Dips  
2 US PS Dips  
14 IWB 1  
14 IWB 2  
8 OP Boom  
8 PS Boom  
8 DS OP Fly-floor  
8 US OP Fly-floor  
6 DS PS Fly-floor  
4 MS PS Fly-floor  
14 IWB 3  
8 US PS Fly-floor  
14 IWB 4

A → N  
N → A  
A B C S D E F R  
A B W C D X E F

A → N  
A → N

} Patch tails will reach the  
} channels in brackets without  
} extensions

} [1 - 21]  
}  
} [1 - 46]  
} [1 - 52; 95 - 98]  
} [5 - 48]  
} [8 - 52; 95 - 98]  
} [14 - 52; 95 - 98]  
} [20 - 52; 95 - 102]  
} [19 - 52; 95 - 102; 77 - 92]  
} [23 - 52; 95 - 102; 77 - 92]  
} [38 - 52; 95 - 102; 77 - 92]  
} [100 - 102; 77 - 92]  
} [98 - 102; 77 - 92]

### FIXED CIRCUITS

14 x 2.5kW fed to bar zero (channels 145 - 158, PS to OP)

2 x 2.5kW switch circuits to bar zero (channels 159 & 160)

4 x 6 way socapex outlets (6 x 2.5kW each):

US counterweight gallery channels 121 - 126  
DS counterweight gallery channels 127 - 132  
US hemp gallery channels 133 - 138  
DS hemp gallery channels 139 - 144

### PATCHING

All circuits terminate in the patch bay where they can be patched to dimmers.

Some circuits on PS Ladder, OP ladder, PS perch, OP perch, PS boom, OP boom i.e. those labelled Q → Z are yellow and terminate in the yellow section of the patch bay.

Q	R	S	T	U	V	W	X	Y	Z
PS Perch Top	PS Boom Bottom	PS Boom Top	PS Perch Bottom	PS Ladder	OP Ladder	OP Boom Top	OP Boom Bottom	OP Perch Top	OP Perch Bottom

## CONTROL AND DIMMING:

Strand 520 control board running GenuisPro/Light palette 2.8.5 with Tracker moving lights software. 200 intensity channels, 250 moving light attributes, 24 submasters, effects system, soft patch, and rigger's remote for use on stage and in auditorium. The board outputs Strand's D54 multiplex and DMX (2 universes available at DMX patch). Demultiplex units are situated in the scene dock, dimmer room and roof void and D54 sockets are on the OP fly-floor, PS fly-floor, scene dock, dimmer room, roof void and US at stage floor level.

2 x 6 way analogue outputs (-10V, Strand / Zero 88 wiring convention) on 8 pin Bleecon DINs located in dimmer room, channels 109 – 114 and 115 – 120, can be used for 2 analogue only Act 6 dimmer packs.

DMX512 patch is available with outlets in the following locations : OP & PS Sidebars, Dome, Bar Zero, PS & OP Ladders & Perches, Orchestra Pit, 2 x Cwts, 2 x Hemps, 3 x Stage Level. These can be patched to a 12 way DMX splitter located in the patch room.

4 x Act 6 Dimmers, 6-way 2.5kW, (2 with D54 demultiplex cards), plus 2 x Act 6 Multimux (with D54, DMX and analogue inputs) all terminated with 63A IØ connectors. These racks form part of the hire stock: please check for availability. The following temporary power outlets are available: 63A IØ PS, OP and US at stage floor level, on OP fly floor and in orchestra pit. 3 x 63A IØ in dimmer room. 63A 3Ø in dimmer room and scene dock. Assorted power distribution equipment is available - please contact the management for details.

100 x 2.5k dimmers and 8 x 5k dimmers fully patchable around the stage / auditorium. All mains patching is carried out in the Dimmer Room above the stage. All sockets are standard 15A round pin. Dimmer channel 100 has additional 32A Ceeform outlet.

38 x 2.5k dimmers & 2 x 2.5k switch circuits hard wired to sockets on bar zero and gallery socapex outlets.

4 x patchable Switch Circuits also available (channels 103 – 106).

Extra analogue (+10V) outputs available on ¼" jack and XLR (channels 107 & 108) and 25 pin D (channels 169-192)