blue light

LIGHTING VIDEO RIGGING AUDIO

LX - IP + LX - VLAN Guide
Q4 - 2026

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Introduction

At Blue Light, we strive to achieve the highest possible standards of quality in the field of live events and entertainment productions. To ensure these high standards are maintained, we have standardised the VLAN grouping and IP-Addressing used for every Blue Light production, unless otherwise specified by the HOD, project manager or systems engineer for a particular project.

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LX-IP Addressing

The following LX-IP-Address ranges are used:

Usage	IP-Address-Range	Subnet Mask
Switches	192.168.0.###	255.255.255.0
Nodes + lx consoles MA based systems	10.0.0.###	255.255.0.0
Nodes + lx consoles ETC Based systems	10.101.0.###	255.255.0.0

###	Device
001 - 009	Consoles
011 - 049	Switches
051 – 149	Nodes + System
151 – 174	RoboSpot
175 – 199	Media Servers
201 – 254	Other

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LX-VLANS

Group	Protocol	VID	Colour
Inter-Switch Link (ISL)	ISL	N/A	Grey
1	Management	1	White
2	MA-NET	200	Red
3	ETC NET3	300	Orange
4	sACN	400	Green
5	ART-NET	500	Blue
8	Comms	800	Purple
9	Internet / Guest	900	Brown
10	Spare 1	1000	White
11	Spare 2	1100	Black
14	RoboSpot1	1400	Pink Fluo
15	RoboSpot2	1500	Orange Fluo
16	RoboSpot3	1600	Yellow Fluo
17	RoboSpot4	1700	Green Fluo
18	RoboSpot5	1800	Blue Fluo

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Networking Cheat-Sheet

Usage	IP-Address -Range	Subnet Mask
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