

MaxiLINK® DMX-512 & Power for RGBW MaxiLED products

Key Features

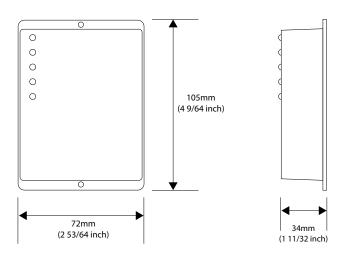
- IP68 rating
- Data over Power 2 Core cable
- Compact design
- 48VAC



MaxiLINK® is used to control (via DMX-512) and power MaxiLED RGBW products such as the Focal Facade Series, Globe Series, Marker Effects Series, MaxiPUNCH Series and Spotlight Series.

On the input side, a DMX signal cable from any third party DMX controller or show design software is required, plus a 48VDC power supply is needed. Data and power (48VAC) are then output together to the MaxiLED RGBW products on one cable. A single MaxiLINK® controller is typically dedicated to an individual run (or strand).

Dimensions



Specifications

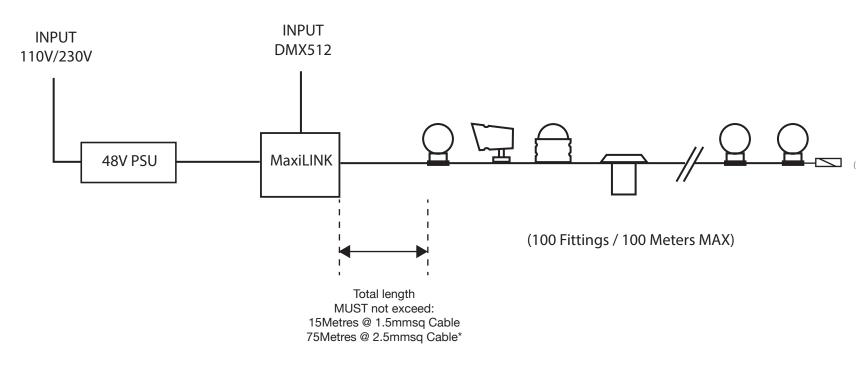
Power Input:	48VAC Data Over Power MaxiLINK® system
Power Output:	250 Watts Max. Per circuit
Data Input:	DMX-512
Length:	105mm (4 9/64 Inch)
Width:	72mm (2 53/64 Inch)
Depth:	34mm (1 11/32 lnch)
Fixing:	2 Pre-drilled holes for fixing
Protection:	Short circuit. Open circuit. Over temperature
Weight:	400g (14.1oz)
Connector:	IP68 and self-locking
Control:	DMX512
Operating Temperature:	-25°c to +50°c (-13°F to +122°F)
Listings:	CE
Capacity:	Each MaxiLINK® unit can control up to 100 RGBW control points (400 DMX channels) and power up to 305 ft (100m) of cable.





MaxiLED Data over Power System

(Single DMX Universe)



- Each Fittings **RGBW** individually addressed and Controlled
- Each Fitting uses 4 DMX 512 Channels
- 1 DMX Universe per 100 fittings (400 DMX 512 Channels
- Each Strand must be fitted with an End of line resistor

End of line Resistor

(Needs Balancing / Tuning on Commissioning)

KEY

Sy	ymbol	Description		
				_
				_
Rev	Date	Description	Ву	L
				L
1.0	25/2/16	Data over power system-Single uni	CL	L
2.0	22/11/19	Data over power system-Single uni	CL	
				l
			_	L

MaxiLED Lighting

Project Title

Data over Power System Single Universe

Scale @:

NOT TO SCALE

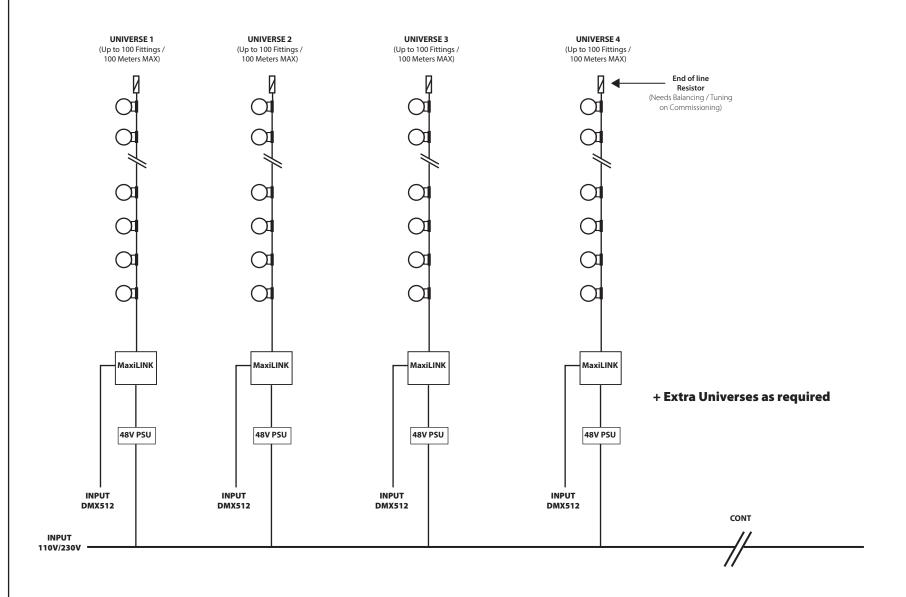
Drawing Title

CL Drawn	Checked	^{Date} 22 Nov 2019	Issue Date
Drawing Nu 1.0	mber:		Revision: 2.0



MaxiLED Data over Power System

(Multiple DMX Universe)



KEY

c.	mahal	Description					
- 2)	Symbol Description						
Rev	Date	Description	Ву				
_			C1				
1.0	26/2/16	Data over power system-Multi uni	CL				
			+				
MaxiLED Lighting							
	Project Title:						
D	Data over Power System						

25 Feb 2020

Issue Date

Revision

Muliple Universe

NOT TO SCALE

Drawing Number: 3.0