



MAXILINK · DATA-OVER-POWER CONTROLLER · CE

MaxiLINK / Controller (CE)

MaxiLINK controls (via DMX 512) and powers MaxiLED RGBW products — Focal Facade, Globe, Marker Effects, MaxiPUNCH and Spotlight ranges. A DMX signal from any third-party controller plus a 48 VDC supply are combined and output together as power + data on a single 2-core cable.

● IP68

● DATA-OVER-POWER

● 48 VDC

● DMX 512

● 250 W / CIRCUIT

● COMPACT

● CE

POWER OUT	CAPACITY	DMX CH	MAX CABLE	INPUT
250 W	100 points	400	100 m	48 VDC

SPECIFICATIONS · OVERVIEW · KEY FEATURES

QUICK SPECIFICATIONS

POWER INPUT	48 VDC
POWER OUTPUT	250 W / circuit
DATA INPUT	DMX-512
CONTROL	DMX 512
CAPACITY	100 control points
DMX CHANNELS	400
MAX CABLE	100 m (305 ft)
DIMENSIONS	105 × 72 × 34 mm
FIXING	2 pre-drilled holes
CONNECTOR	IP68 self-locking
PROTECTION	Short / open / over-temp
WEIGHT	400 g
IP RATING	IP68
OPERATING TEMP.	-25°C to +50°C
LISTINGS	CE

OVERVIEW

MaxiLINK is the Data-over-Power controller at the heart of the MaxiLED RGBW system. On the input side it takes a DMX 512 signal from any third-party controller or show-design software plus a 48 VDC supply; it then outputs power and DMX 512 together on a single 2-core cable to the fixtures. A single MaxiLINK is typically dedicated to one run (strand) — up to 100 control points (400 DMX channels) and 100 m of cable.

KEY FEATURES

- 01

Data over Power, 2 cores

48 VDC power and DMX 512 data on the same two conductors — no separate signal bus.
- 02

Drives the whole RGBW range

Powers and controls Focal Facade, Globe, Marker Effects, MaxiPUNCH and Spotlight series.
- 03

250 W · 100 points · 100 m

One unit drives up to 100 control points (400 DMX channels) and 100 m of cable per circuit.
- 04

Compact, IP68, protected

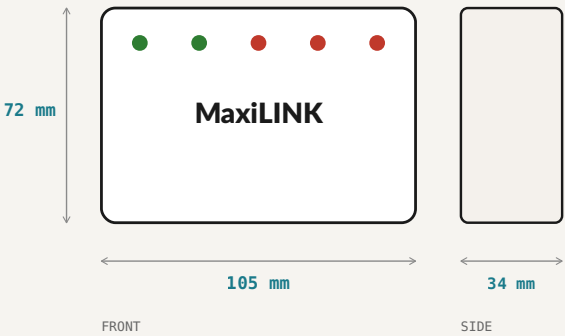
105 × 72 × 34 mm enclosure with IP68 self-locking connector; short-circuit, open-circuit and over-temperature protection.

DIMENSIONS · PHYSICAL ENVELOPE

Dimensions and physical envelope.

MAXILINK CE · SCALED DRAWING

MM · NTS



LENGTH	WIDTH	DEPTH	WEIGHT
105 mm	72 mm	34 mm	400 g

Note. 48 VDC Data-over-Power (MaxiLINK). Two pre-drilled fixing holes; IP68 self-locking connector; short-circuit, open-circuit and over-temperature protection. One MaxiLINK per strand. Fit an ELR on the last fixture of every DMX run.