



MAXILINK · DATA-OVER-POWER CONTROLLER · UL

MaxiLINK / Controller (UL)

The UL-Recognized MaxiLINK controls (via DMX 512) and powers MaxiLED RGBW products — Focal Facade, Globe, Marker Effects, MaxiPUNCH and Spotlight ranges. Rated for wet locations, it outputs power + DMX 512 together (48 VAC Data-over-Power) on a single 2-core cable.

 IP68 · WET LOCATION

 DATA-OVER-POWER

 48 VAC

 DMX 512

 250 W

 UL RECOGNIZED

 E477117

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

SPECIFICATIONS · OVERVIEW · KEY FEATURES

QUICK SPECIFICATIONS

POWER INPUT	48 VAC
POWER OUTPUT	250 W
DATA INPUT	DMX-512
CONTROL	DMX 512
CAPACITY	100 control points
DMX CHANNELS	400
MAX CABLE	100 m (305 ft)
DIMENSIONS	80 × 50 × 31 mm
FIXING	4 external screw lugs
CONNECTOR	Junction box (by others)
PROTECTION	Short / open / over-temp
WEIGHT	400 g
IP RATING	IP68 · wet location
OPERATING TEMP.	−25°C to +50°C
LISTINGS	UL Recognized · E477117

OVERVIEW

The UL-Recognized MaxiLINK is the Data-over-Power controller for the MaxiLED RGBW system in North American installations. It takes a DMX 512 signal from any third-party controller plus a 48 VDC supply and outputs power + DMX 512 together (48 VAC) on a single 2-core cable. Suitable for wet locations; a single MaxiLINK is typically dedicated to one run — up to 100 control points (400 DMX channels) and 100 m of cable.

KEY FEATURES

- 01

Data over Power, 2 cores
48 VAC power and DMX 512 data on the same two conductors — no separate signal bus.
- 02

UL Recognized · wet location
Listed E477117, suitable for wet locations; drives the full MaxiLED RGBW range.
- 03

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

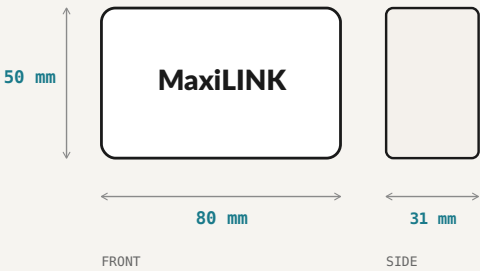
Compact, protected
80 × 50 × 31 mm with four external screw-mount lugs; short-circuit, open-circuit and over-temperature protection.

DIMENSIONS · PHYSICAL ENVELOPE

Dimensions and physical envelope.

MAXILINK UL · SCALED DRAWING

MM · NTS



LENGTH	WIDTH	DEPTH	WEIGHT
80 mm	50 mm	31 mm	400 g

Note. 48 VDC input → 48 VAC Data-over-Power output. USA / UL installations use UL-Approved junction boxes (supplied by others) between mains/PSU, MaxiLINK and the strand. Four external screw-mount lugs; suitable for wet locations. Fit an ELR on the last fixture.