

AL-PIXEL-RGB

USER MANUAL



PRODUCTION DESCRIPTION

The AL-PIXEL-RGB is a simple waterproof LED lighting. It features DMX addressing automatically, 1 LED per pixel, total 50 pixels on a length of 23.5 meters (a string).

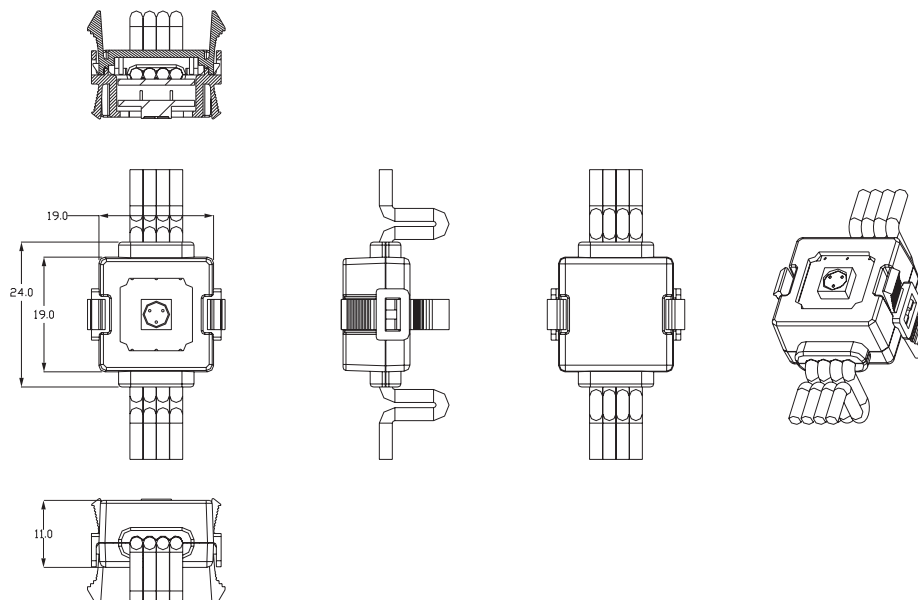
AL-PIXEL-RGB is capable of DMX-512(1990) and DMX-1000K(1M) control, maximum 170 pixels can be controlled by DMX-512(1990) and maximum 680 pixels can be controlled by DMX-1000K(1M).

A system connection should be set up before operation. It is great for advertisement signs, architecture decoration and entertaining applications.

TECHNICAL SPECIFICATIONS

☐ COLOR RANGE	16.7 million(24bit)
☐ LIGHT SOURCE	1 High Intensity SMD LEDs per pixel
☐ PIXEL DISTANCE	350mm
☐ SOURCE LIFE	50,000 hours under normal operating condition
☐ OPERATION VOLTAGE	9VDC
☐ VIEWING ANGLE	120 deg
☐ CURRENT CONSUMPTION	55mA per pixel, total 2.8A in 50 pixels
☐ POWER CONSUMPTION	0.5W per pixel, total 25W in 50 pixels at full intensity(RGB)
☐ HOUSING	Polycarbonate with UV stablizer
☐ ENVIRONMENT	IP65
☐ CONTROL	DMX 512 / DMX-1000K(1M)
☐ CONNECTION	4Pin terminal
☐ LISTING	CE certified
☐ OPERATING TEMPERATURE	0 degC~50 degC
☐ STORAGE TEMPERATURE	-20 degC ~ +70 degC
☐ SIZE	24(L) x 19(W)x11(H) mm
☐ WEIGHT	50g

PHYSICAL DIMENSIONS

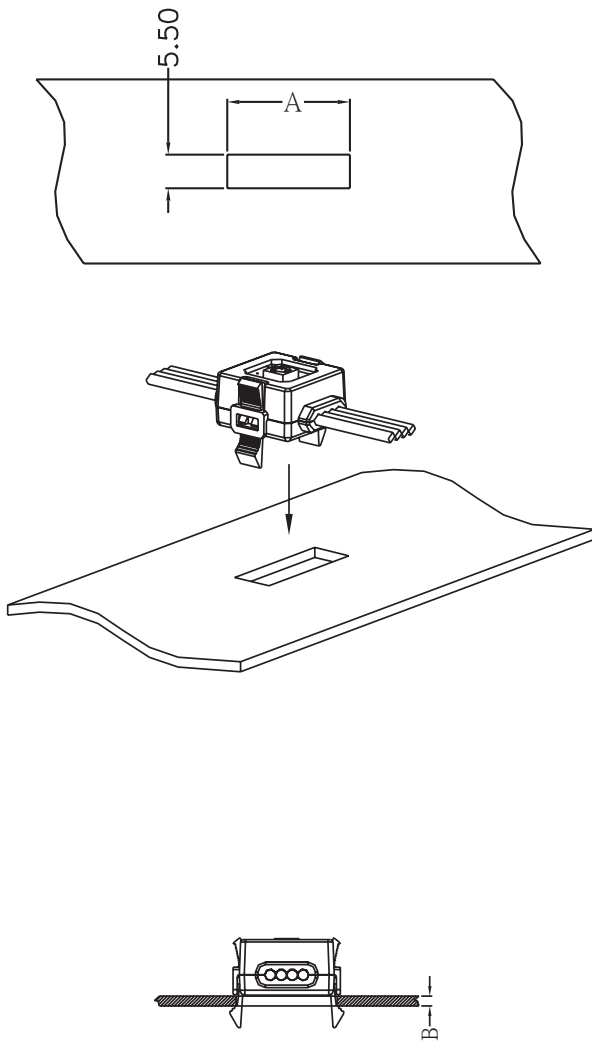


MOUNTING

You can mount your AL-PIXEL-RGB as the following figures detailed.

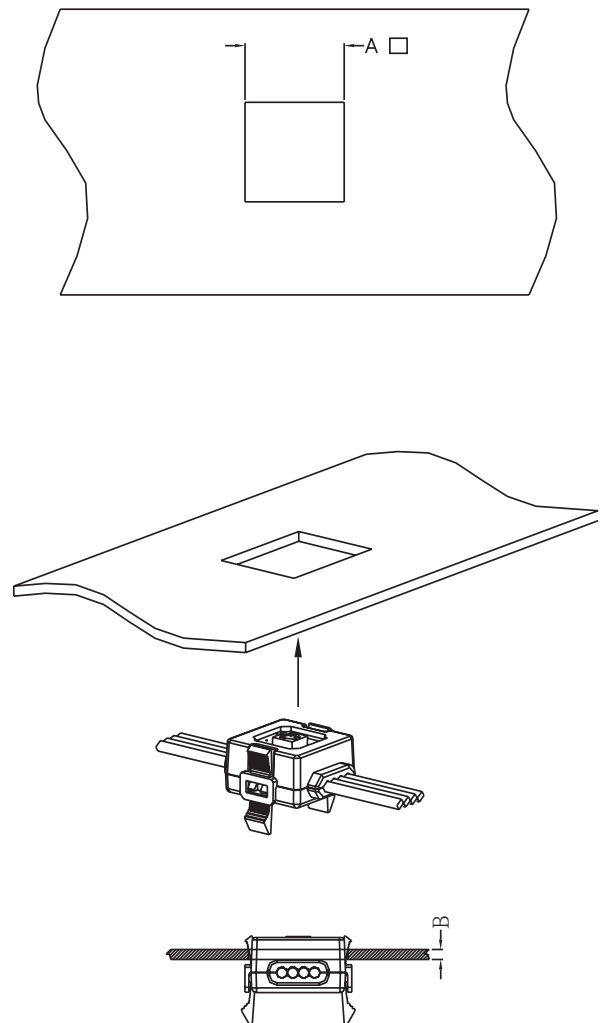
(1)

From front



(2)

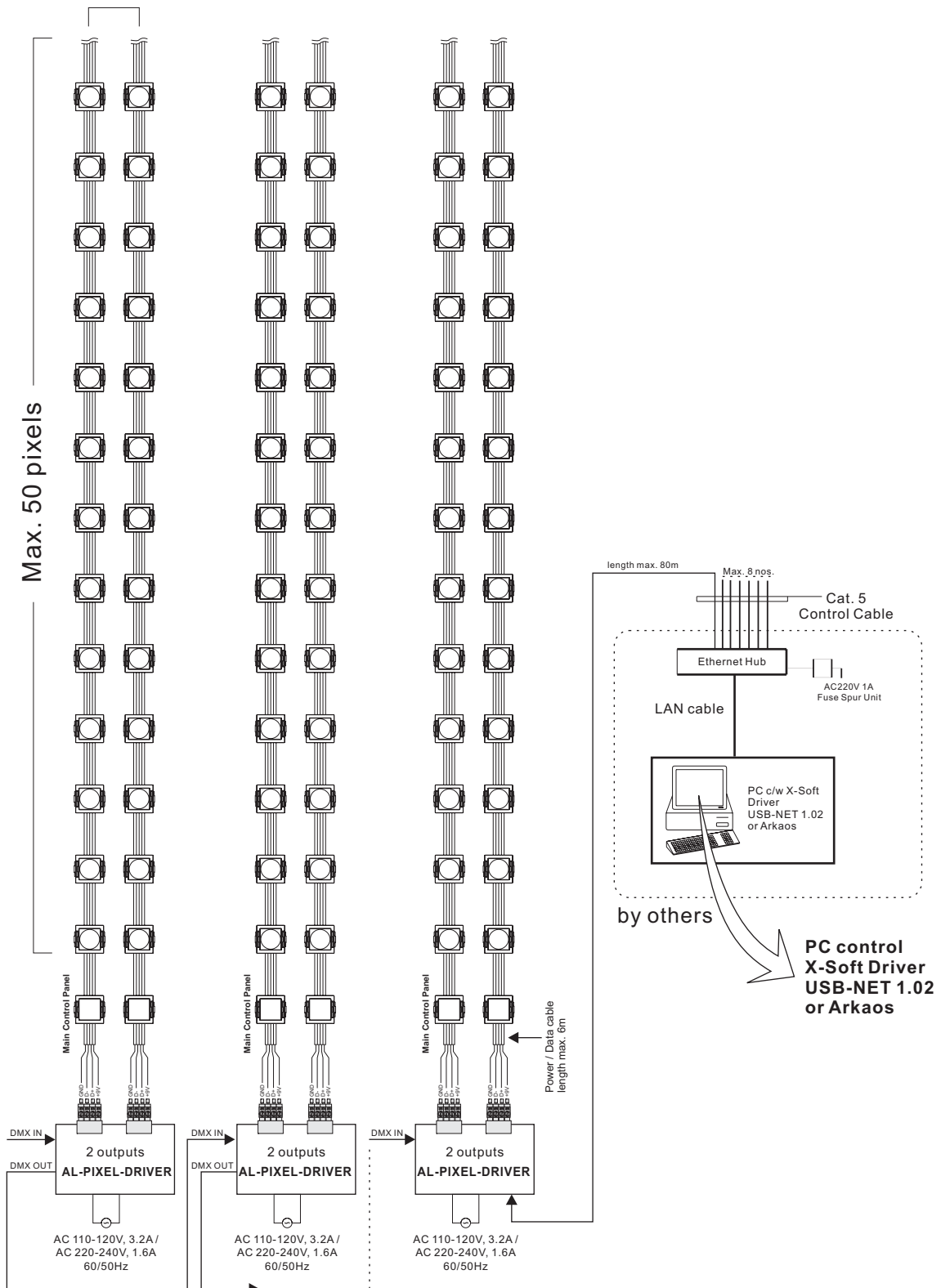
From back



NOTICE:

All rights reserved! Specifications and improvement in the design of the unit and this manual are subject to change without prior notice.

One AL-PIXEL-Driver can link up to 100 pixels of AL-PIXEL-RGB.



Remark: Add signal repeater if data cable over 100m