Anolis ArcPixel Power Controller Instruction Manual

ArcPixel Power Controller
Instruction Manual

INSTALLATION INSTRUCTIONS

ARCPIXEL POWER
QR code for Installations Instructions

Contents
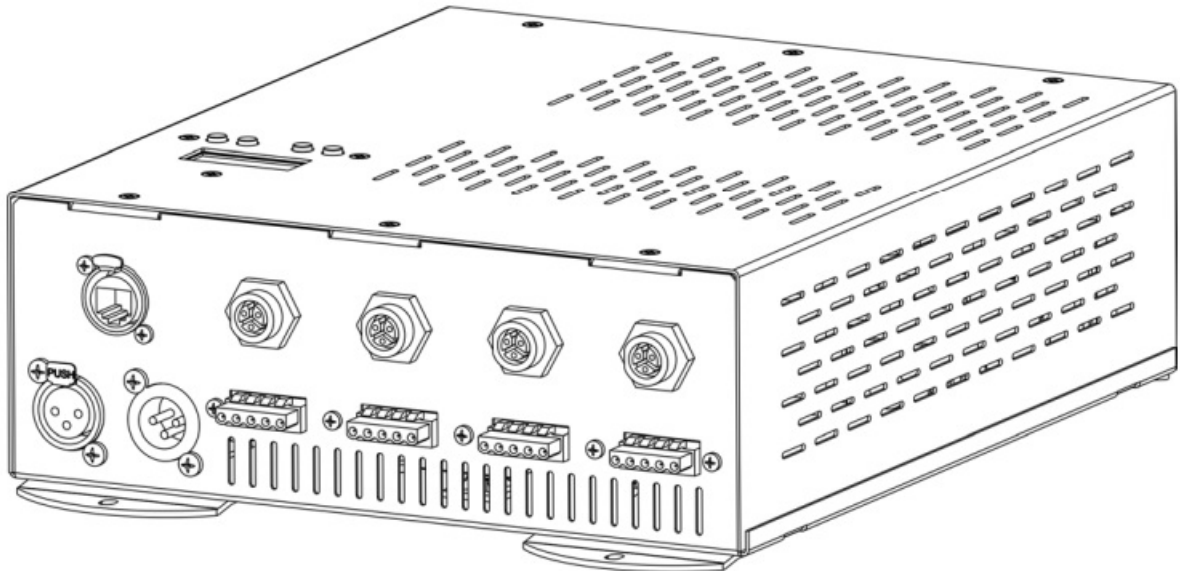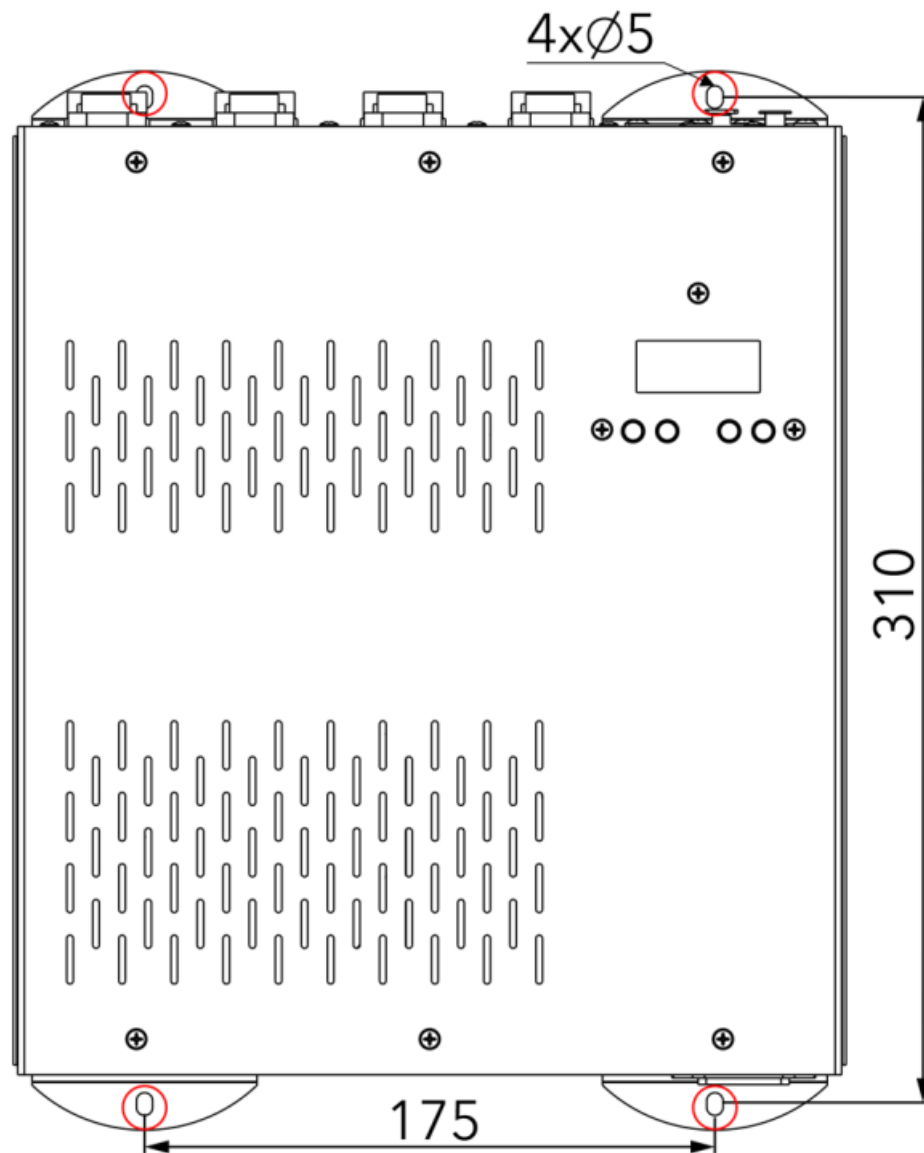
ArcPixel Power Controller

⚠ The unit must be installed by a qualified electrician in accordance with all national and local electrical and construction codes and regulations. This device falls under class I and must be grounded!⚠

STEP 1
ARCPIXEL POWER INSTALLATION

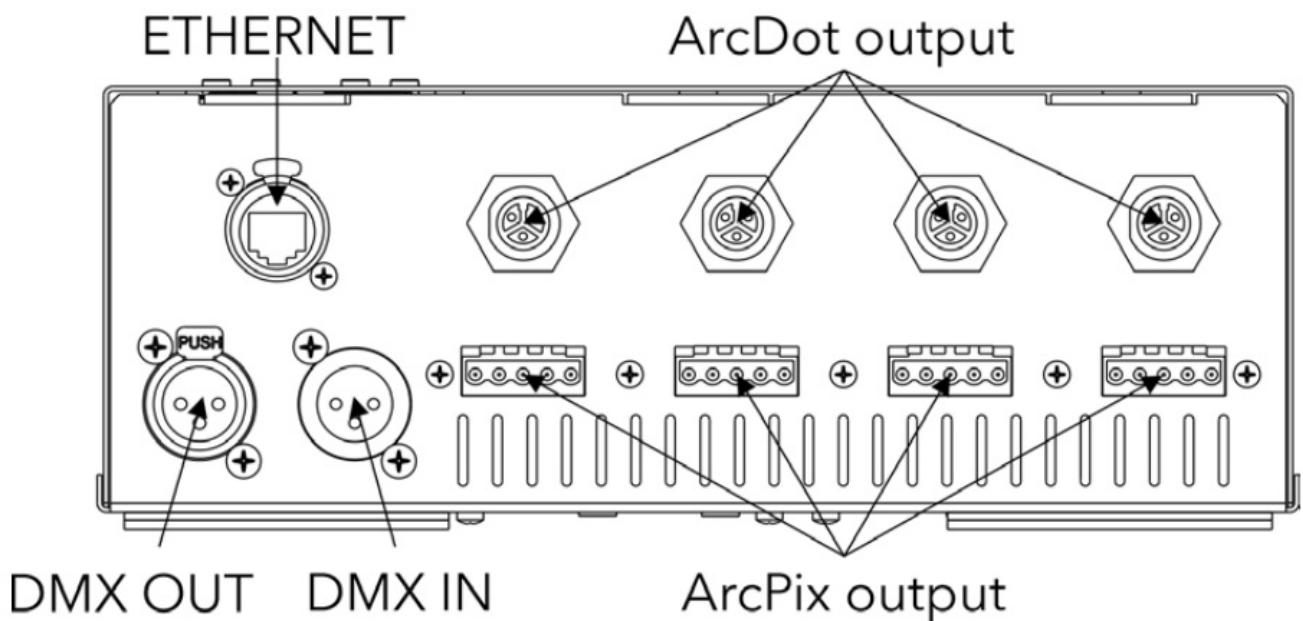⚠ Use fasteners that are appropriate for use with your mounting surface. ⚠

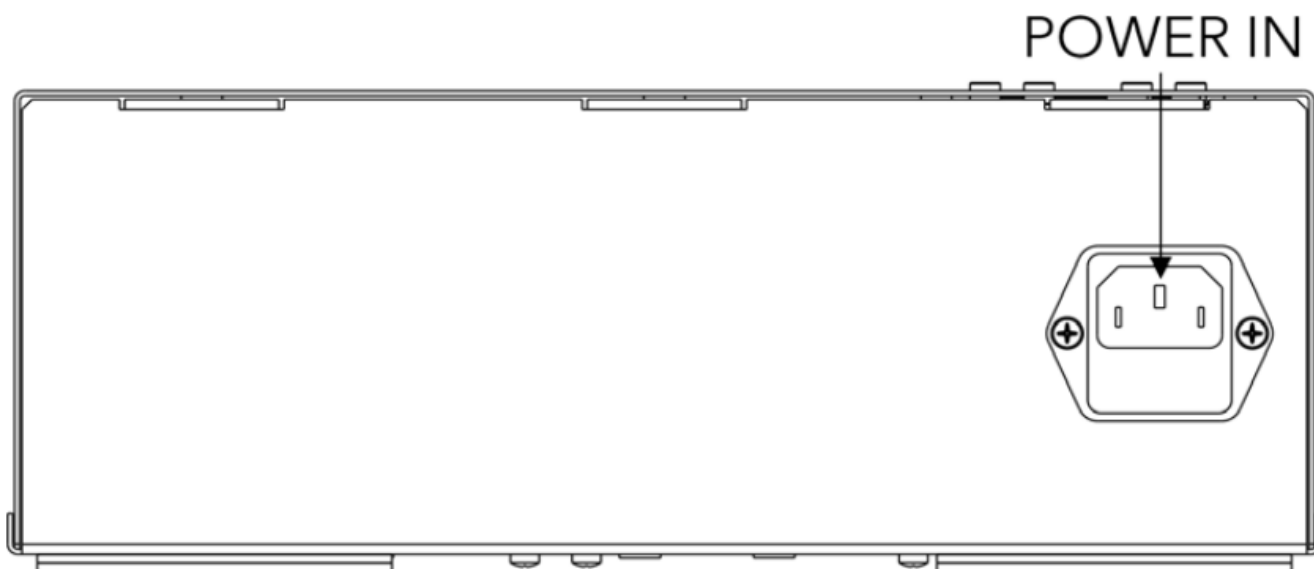Fasten the ArcPixel Power to surface via four mounting holes and four screws.

STEP 2

ARCPIXEL POWER CONNECTION

Rear side view – 4x ArcDot output, 4x ArcPix output, Ethernet, DMX OUT and DMX IN


Front side view – Power Input

POWER IN

⚠ Maximum length between the ArcPixel Power and the last fuxtures must not exceed 100 meters. Do not connect or disconnect LED modules when ArcPixel Power is under voltage. If the line of fixtures is disconnected, switch off the ArcPixel Power before restoring the connection. ⚠

**2A ArcDot connection**

Ferrite
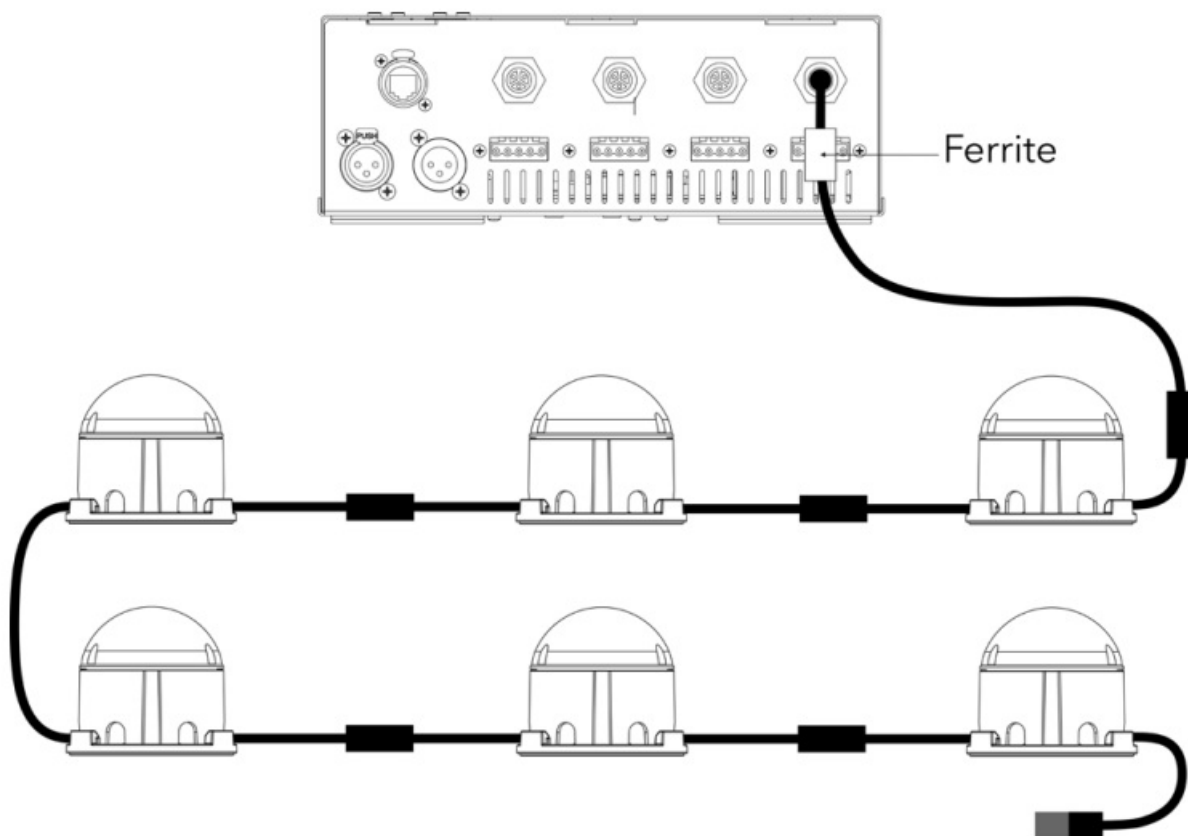
ArcDot line may be done with in/out connection or by using T-connectors (1 ArcDot can be connected to T-connector). Max. number of ArcDots per output is 35. Max. cable length of 1 LED output is 65m at 35 ArcDots and 100m at 25 ArcDots per LED output.

At the beginning of each output line a ferrite has to be installed and an active terminator has to be installed at the end of the line for addresiing. Active terminator has to be replaced by passive terminator when addressing is done.
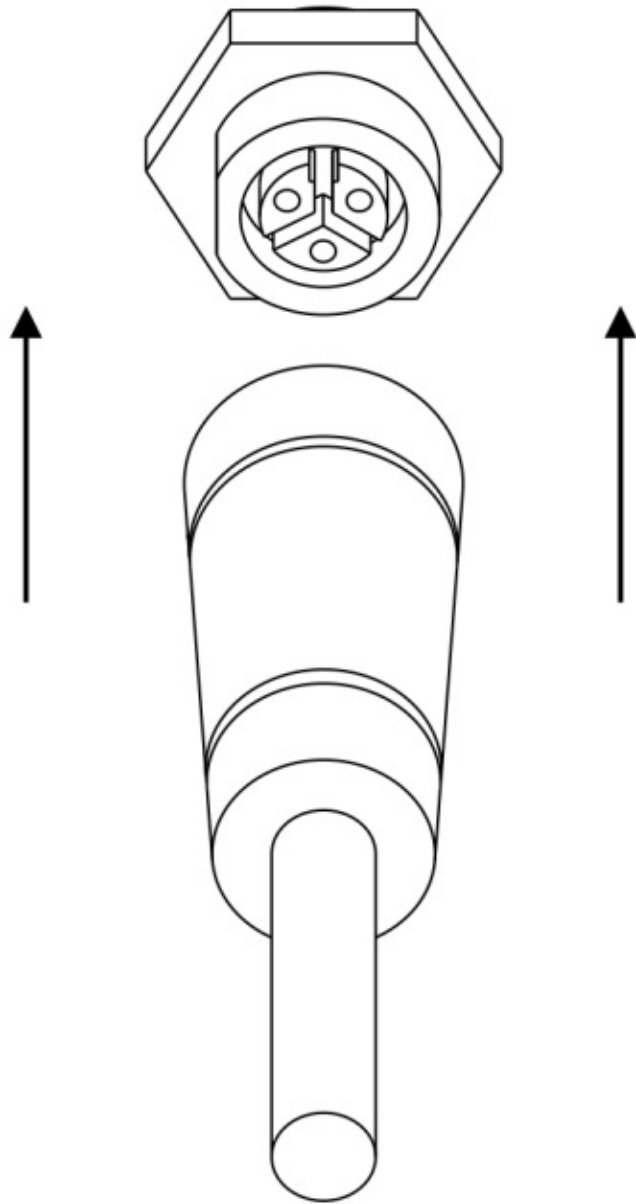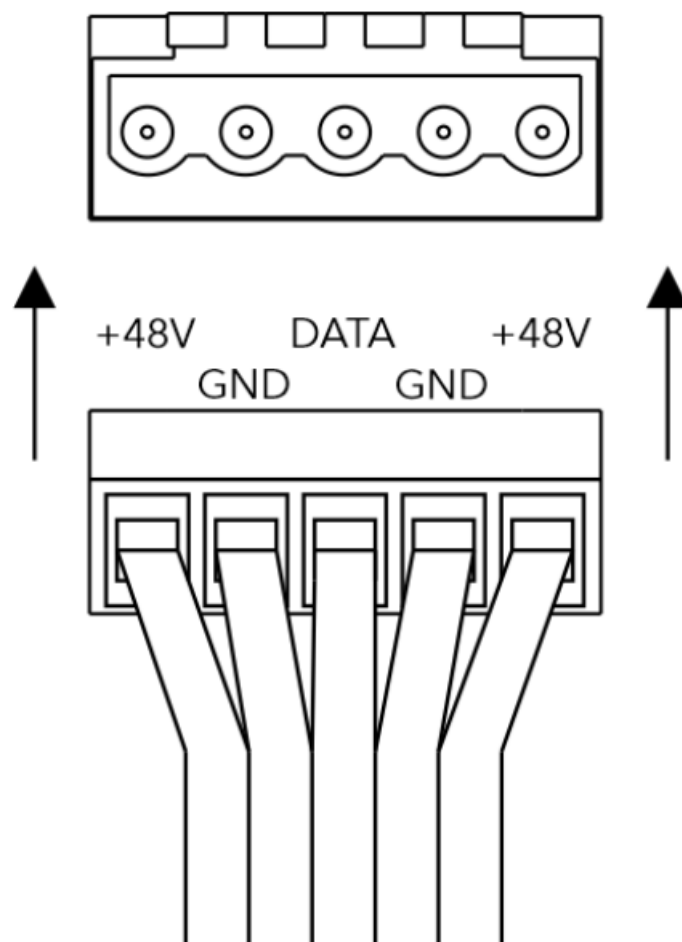
2B ArcPix II connection
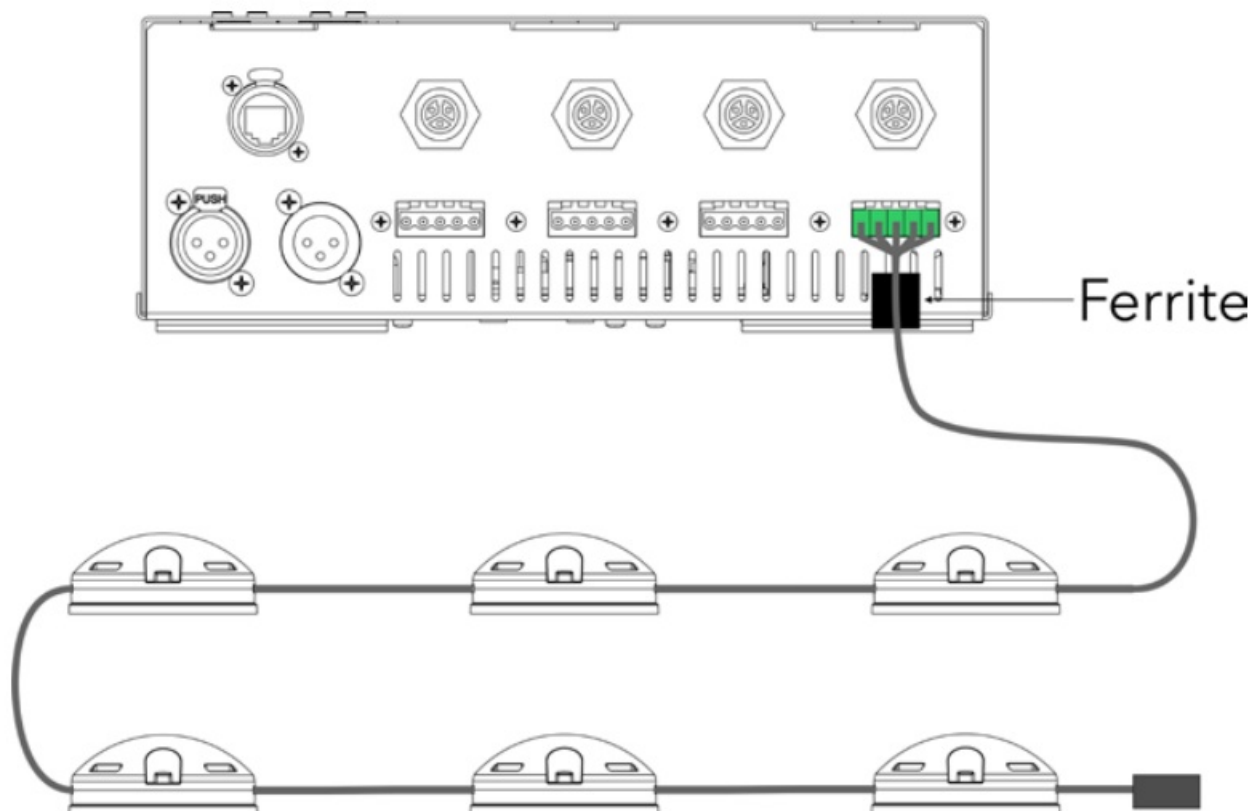
Ferrite

Ferrite filters application instructions:
The ferrite with one turn of the flat cable around it (aprox. 100mm of cable) has to be placed at the beginning of each ArcPix II output line. Ferrite without cable turn around it has to be placed after each thirtieth ArcPix II of the output line before mounting it to surface. (e.g. total of 4 ferrites in line of 100 ArcPixes II) Every ArcPix II line has to be terminated with the termination box ArcPix.
Install terminal block to flat cable of ArcPix II line and connect it to ArcPixel Power output.
Max. load per output is 100 ArcPixes II and max. length of output line is 100m.

+48V   DATA   +48V

GND   GND
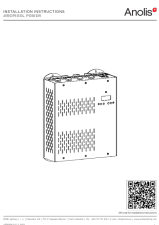
Documents / Resources

	Anolis ArcPixel Power Controller [pdf] Instruction Manual ArcPixel, ArcPixel Power Controller, Power Controller, Controller
	Anolis ArcPixel Power Controller [pdf] User Manual ArcPixel Power Controller, ArcPixel, Power Controller, Controller

References

- **Robe Uploader | Products | ROBE Lighting**

Manuals+,