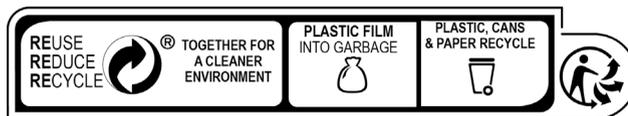


PIXEL STRIP CONTROLLER

PIXSTRIP-C (16-2715)

USER MANUAL
MANUEL D'UTILISATION
BEDIENUNGSANLEITUNG
HANDLEIDING

Lotronic SA
Avenue Zénobe Gramme 9
1480 Saintes
Belgium





Safety Instructions

Please read these instructions carefully, they include important information about the installation, usage and maintenance of this product.

- Please keep this User Guide for future reference. If you sell the unit to another user, be sure that they also receive this instruction booklet.
- Always make sure that you are connecting to the proper voltage, and that the line voltage you are connecting to is not higher than that stated on the decal or rear panel of the fixture.
- This product is intended for indoor use only!
- To prevent risk of fire or shock, do not expose fixture to rain or moisture. Make sure there are no flammable materials close to the unit while operating.
- Always disconnect from power source before servicing.
- Maximum ambient temperature (Ta) is 104° F (40°C). Do not operate the fixture at temperatures higher than this.
- In the event of a serious operating problem, stop using the unit immediately. Never try to repair the unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center. Always use the same type of spare parts.
- Make sure the power cord is never crimped or damaged.
- Never disconnect the power cord by pulling or tugging on the cord.

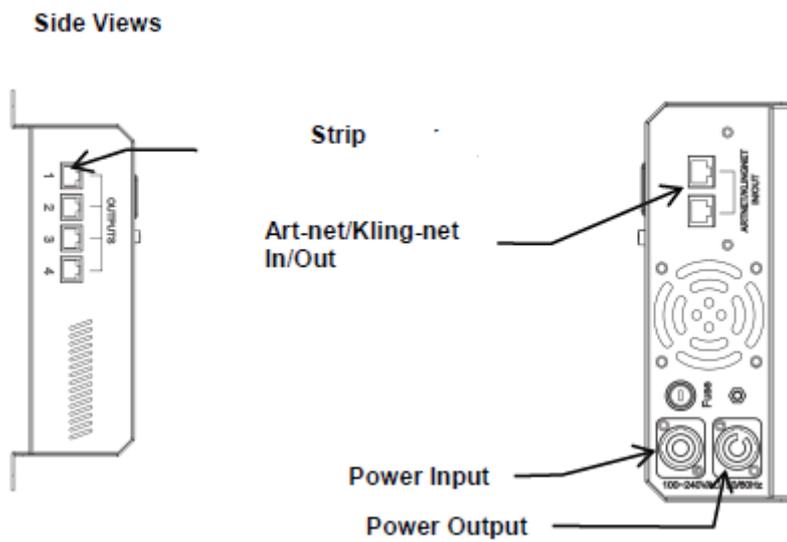
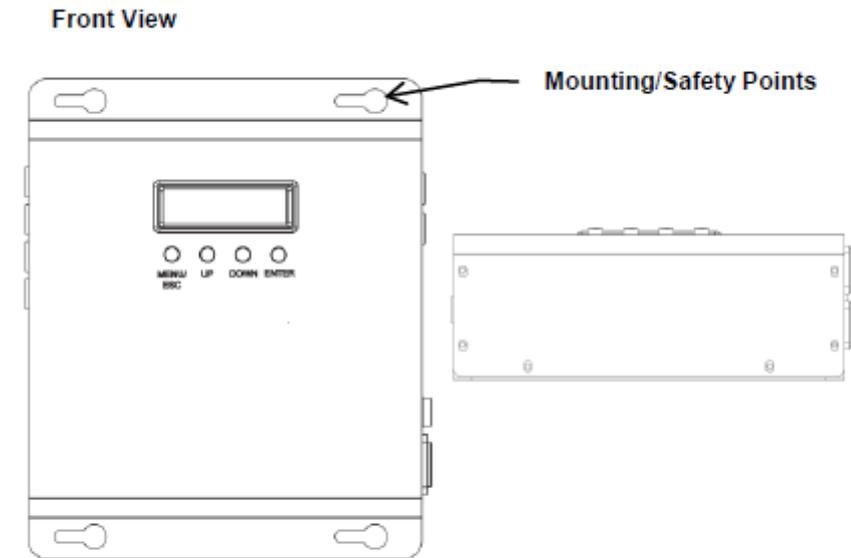
DISCONNECT DEVICE: Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

Installation Procedure

Before installing any product, you should completely read through the guide that was shipped with the product.

1. Carefully remove all items from the package and place on a secure foundation.
2. Mount product.
3. Install power cable and connect to power.
4. Connect product to computer/controller via router.
5. Connect Pixel Strip 1.0

Product Overview:



Mounting

The pixel-Strip Drive has four (4) mounting points (one on each corner) with 10mm holes to which you can install screws and mount this product directly to almost any flat surface, truss, or other load bearing structure in any orientation. The product may also be installed with clamps for hanging on truss. You must supply your own clamps and make sure the clamps are capable of supporting the weight of this product.

Mounting Guidelines

We recommends using the following guidelines when mounting this product:

- Make sure to mount this product away from any flammable material as indicated in the Safety Notes section.
- Never mount in places where rain, high humidity, extreme temperature changes, or restricted ventilation may affect the product.
- Before deciding on a location, always make sure there is easy access to the product for maintenance and programming.

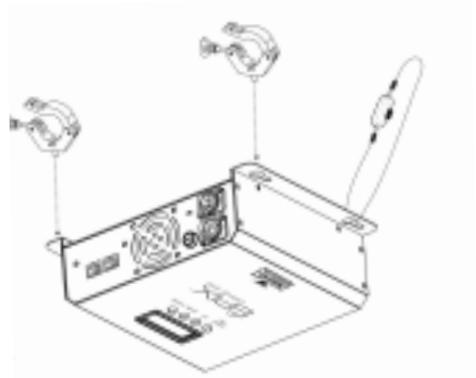
- Make sure that the structure or surface onto which you are mounting the product can support the product's weight (see the Technical Specifications).
- When mounting the product overhead, always use a safety cable. Mount the product securely to a rigging point, such as an elevated platform or a truss.
- When rigging the product onto a truss, you should use a mounting clamp of appropriate weight capacity.
- When mounting the product on the floor, make sure that the product and cables are away from people and vehicles.

Mounting Instructions

Mounting hardware is not included with the product

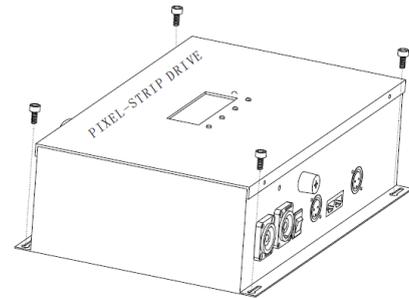
Using Mounting Clamps:

1. Attach the clamp to the mounting bracket.
2. Attach a safety cable to the product's safety loop.
3. Attach the clamp to the desired structure or surface.
4. Attach a safety cable through the mounting points

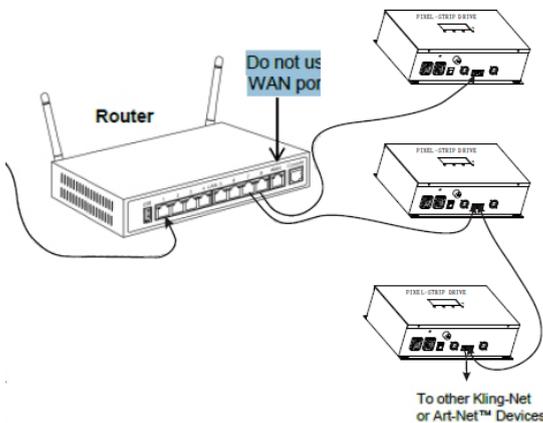


Using Mounting Points:

1. Screw product in the mounting points securely into a mounting surface.



Signal Connections



Art-Net Connection

Art-Net™ is an Ethernet protocol that uses TCP/IP that transfers large amount of DMX512 data using an etherCON® RJ45 connection over a large network.

Kling-Net Connection

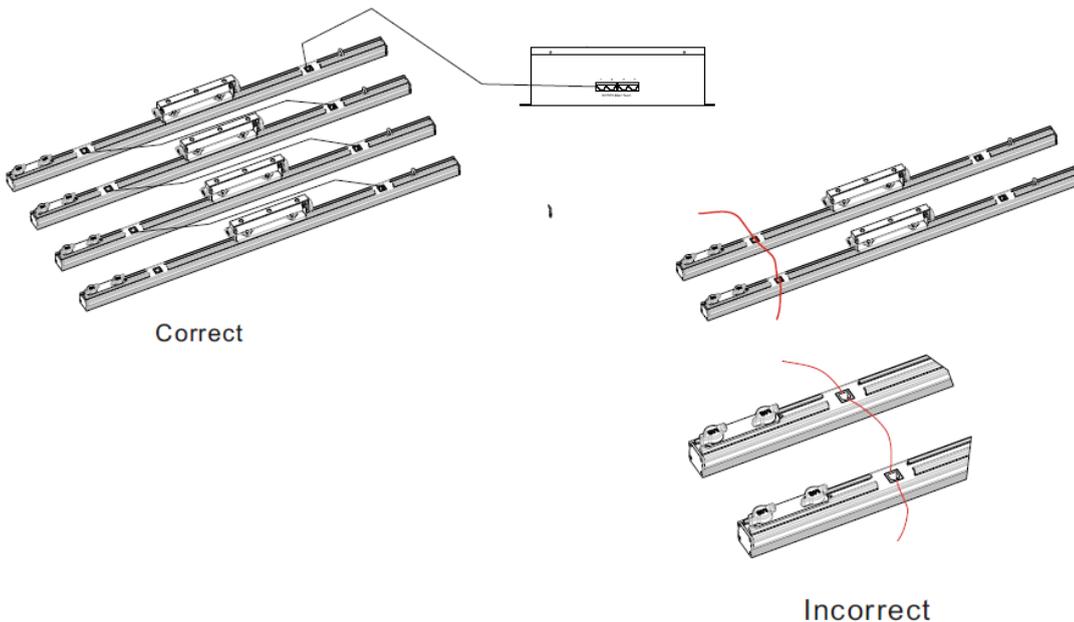
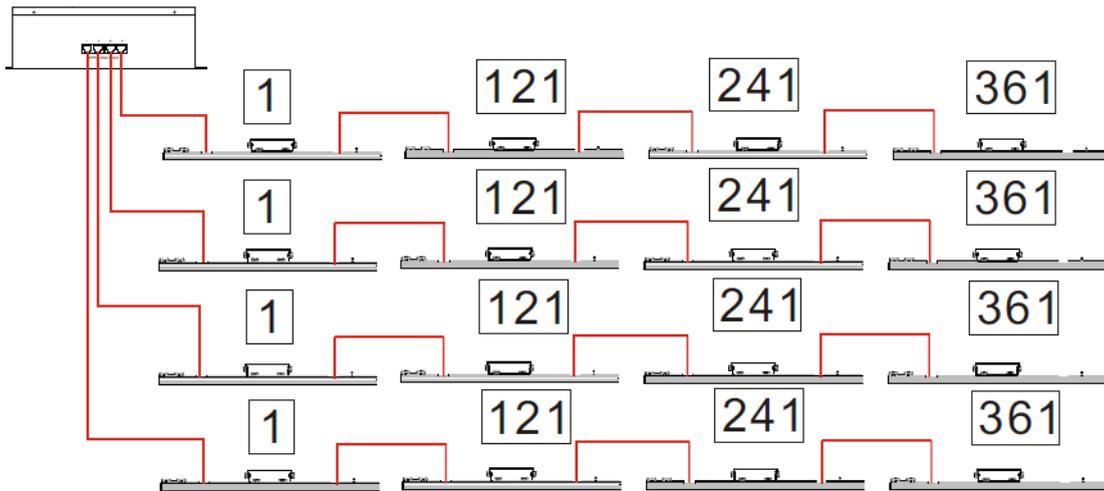
Kling-Net is a network protocol that allows auto configuration of display devices using an etherCON RJ45 Ethernet connection. Refer to the ArKaos MediaMaster™ software manual for detailed instructions on programming this product.



For smooth-running operation, ArKaos Kling-Net requires a gigabit (1000 Mbps) Ethernet card and network router

Connecting Pixel Strip Products to the Power Supply:

The Pixel Strip™ Drive uses an RJ45 data connection to link all data ports. You can connect either 4 or Pixel Strips per output on the Pixel Strip Drive. The following diagram illustrates how to assemble the data connections.



i Each port of Drive can support 4 pc. Pixel Strip. Make sure the total length of the connecting network cables (RJ45) does not exceed 10 meters.

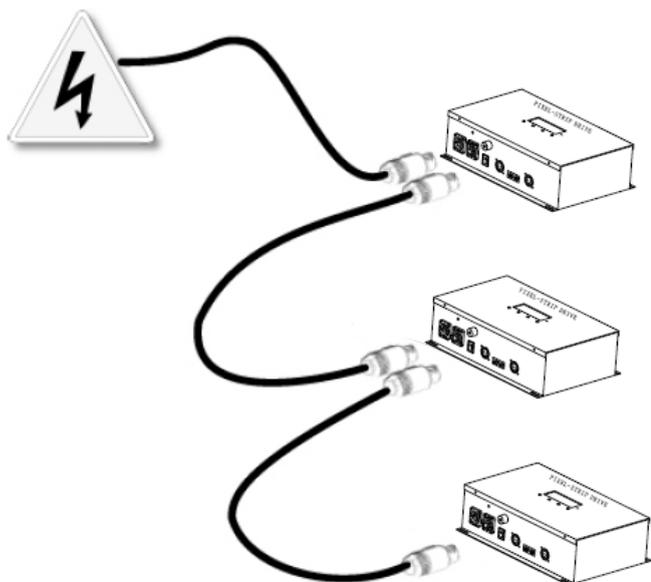
Power Linking

The Drive supports power linking. You can power link up to

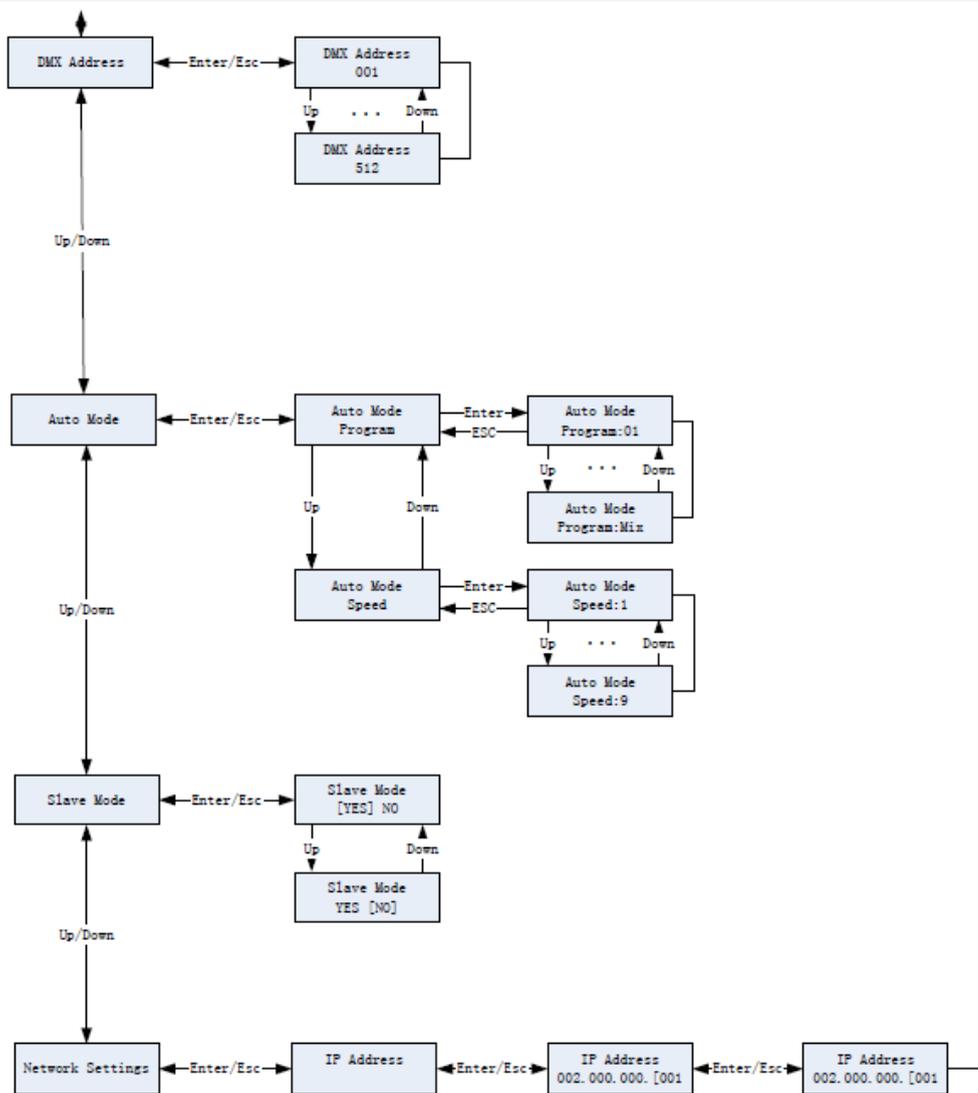
- Seven (7) Drive drives at 120 VAC; or
- Eleven (11) Drive drives at 230 VAC

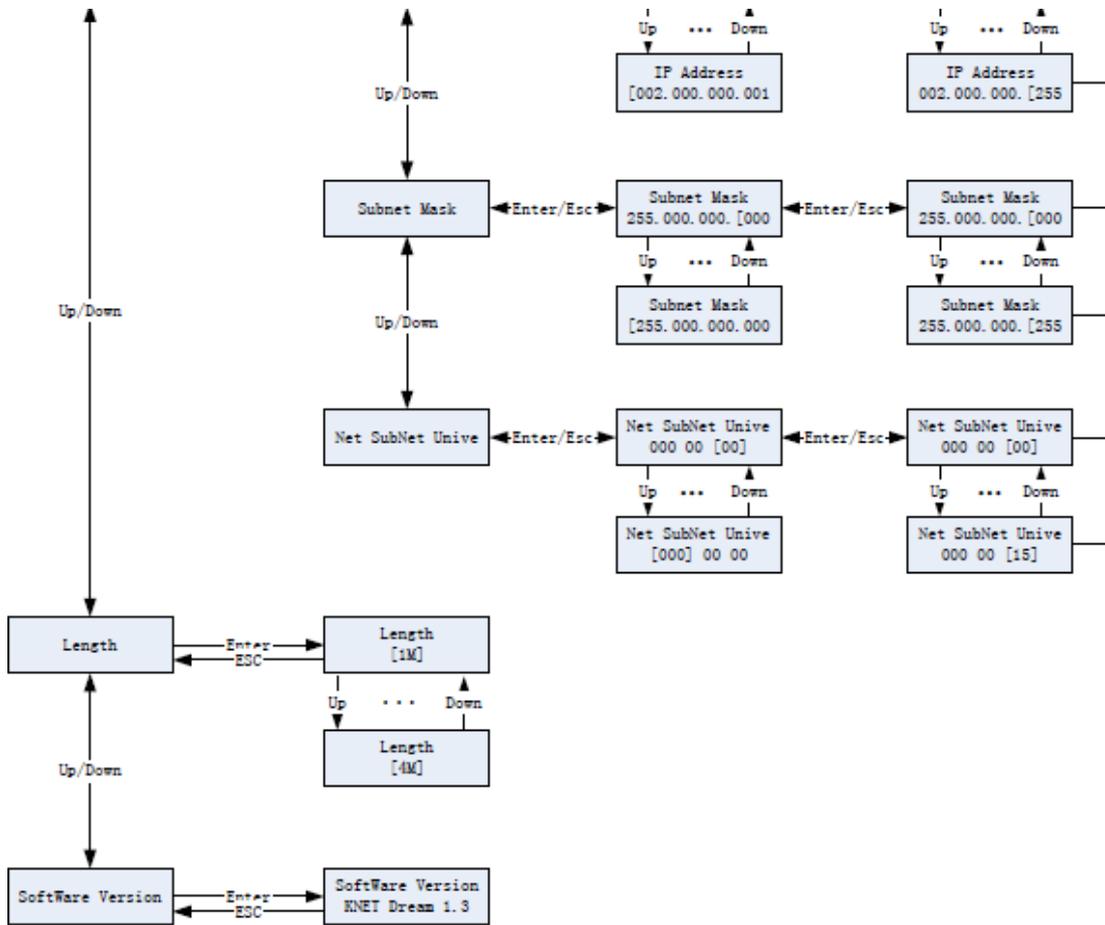
A power input cord is included with the Drive. A power linking cord is not included; however, is available as an option.

Drive Power Linking Diagram:



MENU:





Technical Parameters:

- Size:204x260x88mm
- Power Supply: Auto-ranging 100v to 240v,50/60Hz
- Consumption:300W
- Data Connections: RJ45 for Kling-net & Art-net and DMX

 IMPORTANT NOTE: Electric products must not be put into household waste. Please bring them to a recycling centre. Ask your local authorities or your dealer about the way to proceed.