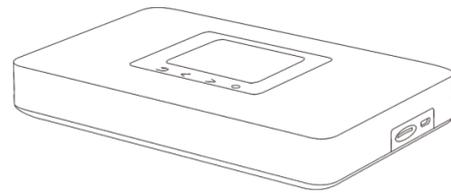


Artnet-DMX Control System

Artnet-DMX-8S



Manual



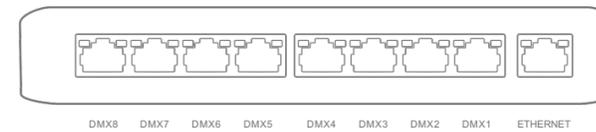
*Feel grateful, Fighting
Innovation, win-win*



LTECH
www.ltech-led.com

Product Introduction

- Ethernet Control System based on the Artnet protocol.
- Convert the Artnet network data package into DMX512 data.
- Adopting high-speed ARM processor, stable and reliable.
- Supports RJ45 network interface and DMX512 with RJ45 output interface.
- With TFT 2.4" LCD screen and 4 touch keys, very easy for setting operation.
- Update firmware via SD card or network.
- Support program record.
- Support offline playback.
- Compatible with the light software based on Artnet Protocol.
- Widely used in the LED dot matrix and the stage lighting control network in needing lots of DMX512 data.
- Suitable for TV station recorded scene, stage performances, entertainment and so on.



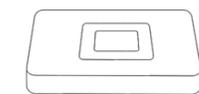
CE FC RoHS

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Technical Specs

Artnet-DMX-8S		
Power input:	5Vdc, 1A	Screen size: 2.4", TFT230*240
Input signal:	Ethernet	Isolation ethernet port: Total isolation
Output signal:	8 universe	Isolation power input: Total isolation
Network protocol:	Artnet Input / DMX output	Working temperature: -30°C-55°C
SD card capability:	8G (support Max.16G)	Dimension: L185xW115xH29mm
DMX output connection:	RJ45	Package size: L192xW164xH36mm
Network connection:	RJ45	Weight (G.W): 400g

Package Contents



Control System 1pcs



Power Adapter 1pcs



SD card (8G) 1pcs

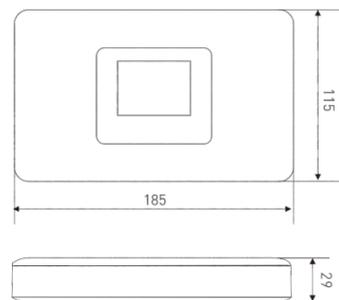


Manual 1pcs

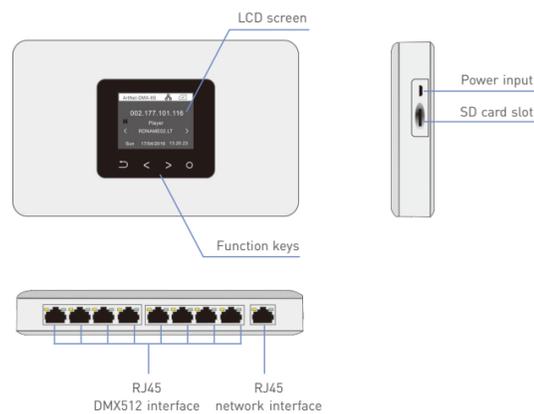
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Product Size

The unit: mm

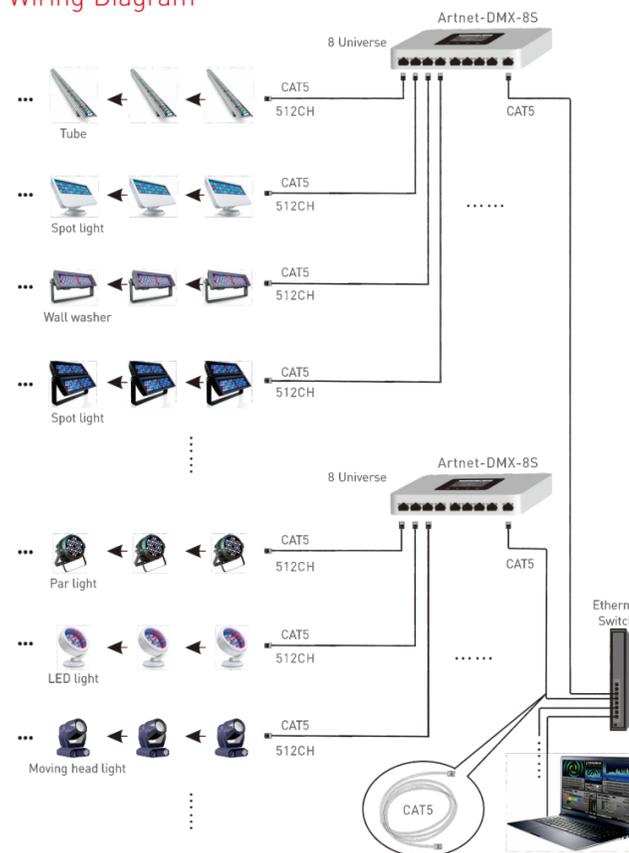


Main Component Description



3

Wiring Diagram



4

Connect ArtNet-DMX-8S to the Computer

This product is compatible with all the ArtNet software in the market. Here take MADRIX as an example:

1. Install the Madrix 3 software in the computer, the icon on the desktop:
2. Use the equipped adapter to power ArtNet-DMX-8S.
3. Connect ArtNet-DMX-8S and computer via the cable.
4. IP Setting: This control system is compatible with random network segment. According to the ArtNet protocol, 2.X.X.X or 10.X.X.X can be added in the computer (X means arbitrary value), methods as below:



4.1 Open the Network, click "Properties" button of the TCP/IPv4 protocol.



4.2 Click "Advanced".



4.3 Click "Add".



4.4 Add the IP address 2.X.X.X or 10.X.X.X (X could be arbitrary value).



4.5 Interface of adding successful, click "OK" and exit.

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5. Open Madrix 3 software, choose "preferences" > " device manager" from menu.



6. In "device manager" dialog, choose "ArtNet" tab, tick "enable" and click search ArtNet-DMX-8S will be searched.



7. Click the tab of "DMX devices", set port status to "ON" if connected successfully. Now, you can use computer to control lamps via ArtNet-DMX-8S.



* MADRIX® is a registered trademark of Inoage GmbH Co., Inc. in Germany.

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