

LTECH

Artnet-DMX Control System

Artnet-DMX-8



ART
NET
ETHERNET

Manual

Product Introduction

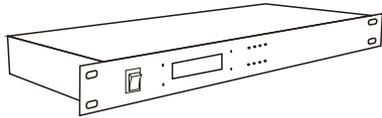
- Ethernet Control System based on the Artnet protocol.
- Set different network segments to avoid multiple sets Artnet data interference.
- Convert the Artnet network data package into DMX512 data.
- Adopting high-speed ARM processor, stable and reliable.
- Supports RJ45 network interface and 3-pin XLR DMX512 output interface.
- With LCD screen display and 4 buttons, convenient operation, intuitive settings.
- Standard 1U(19") chassis architecture, convenient installation in the standard cabinet.
- Provides 8 standard DMX512 data output port.
- Compatible with the light software based on Artnet Protocol, control stage lighting and LED lighting simultaneously.
- Connect up to 256 DMX universes to one network.
- 10/100Mb Ethernet port.
- Data activity indicators.
- Configurable DMX output refresh rates.
- Manage Artnet on broadcast mode or unicast mode.
- 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.

Technical Specs

Artnet-DMX-8

Power input:	5-24Vdc	Isolation ethernet port:	Total Isolation
Input signal:	Artnet	Isolation power input:	Total Isolation
Output signal:	DMX512	Working temperature:	-30°C~65°C
DMX channels:	8 universe	Dimension:	L483×W200×H44mm
Current input:	30mA@12Vdc	Package size:	L550×W265×H100mm
DMX output connection:	3-pin XLR	Weight (G.W):	2600g
Network connection:	RJ45		

Package Contents



Control System 1pcs



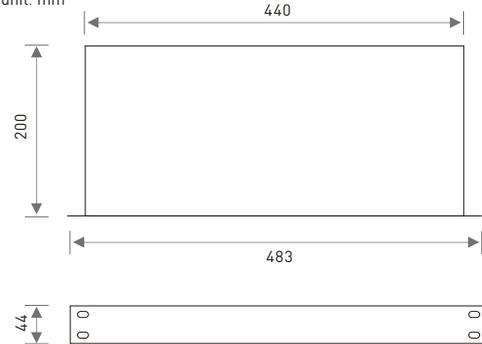
Power Adapter 1pcs



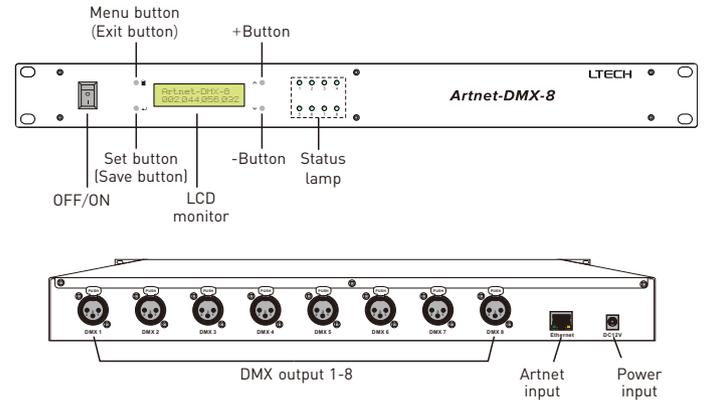
Manual 1pcs

Product Size

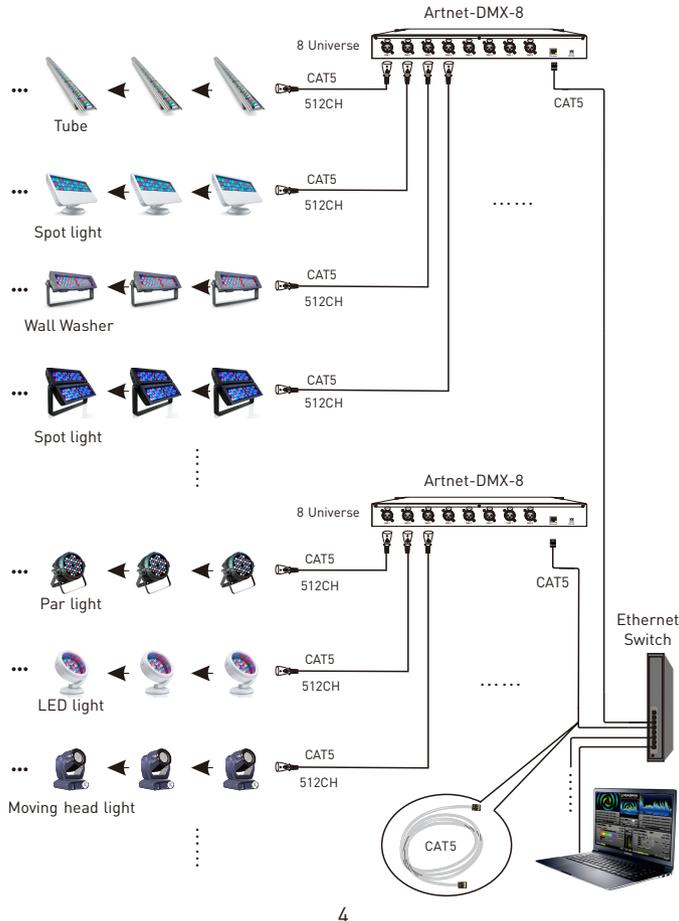
The unit: mm



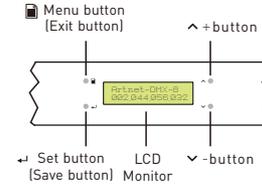
Main Component Description



Wiring Diagram

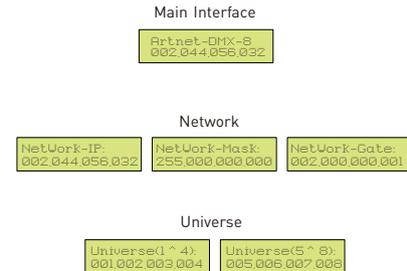


Screen Use



Button Operating Instructions:

Press the menu button in the main interface to enter the menu interface. Press \wedge/\vee button to move up and down the menu, press the setting button \leftarrow/\rightarrow to set the relative parameter, Press \wedge/\vee can adjust the parameter. Press \leftarrow to save the setting when finished and press to quit the setting.



Other Functions of Button:

In the main interface, long press \leftarrow to enter test mode (send the dark, light and highlighting jumping data to the 8 ports). Press to quit the test mode.

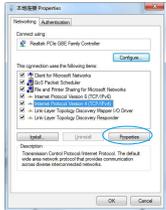
In the main interface, long press \wedge/\vee at the same time to restore factory settings.



Connect ArtNet-DMX-8 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-8.
3. Connect ArtNet-DMX-8 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.

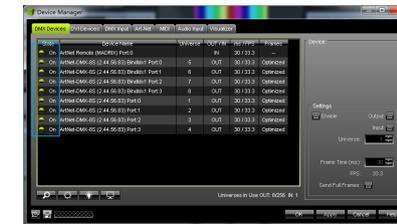
5. Open Madrix 3 software, choose "preferences" > " device manager" from menu.



6. In "device manager" dialog, choose "ArtNet" tab, tick "enable" and click search  . Artnet-DMX-8 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-8.



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