Контроллер LT-Artnet-DMX-2 (220V, 1024CH)

FC CE RoHS COMPLIANT warranty 3 years SGS ISO9001:2008 UKAS

Artnet-DMX converter is the Ethernet Control System based on the Artnet protocol, used to convert the Artnet network date package into DMX512 date, adopting high-speed ARM processor, stable and reliable working. Following Art-net standard protocol, it supports RJ45 network interface and standard DMX512 output interface.

Artnet-DMX-2 has two standard DMX512 date output port, output 1024 data in total.

It is compatible with all the effects lighting control software which support Art-net protocol, widely used in the LED dot matrix and the stage lighting control network in needing lots of DMX-512 data, especially for TV station recorded scene, stage performances, entertainment and so on.
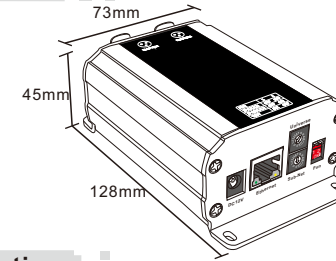
1. Technical Specs

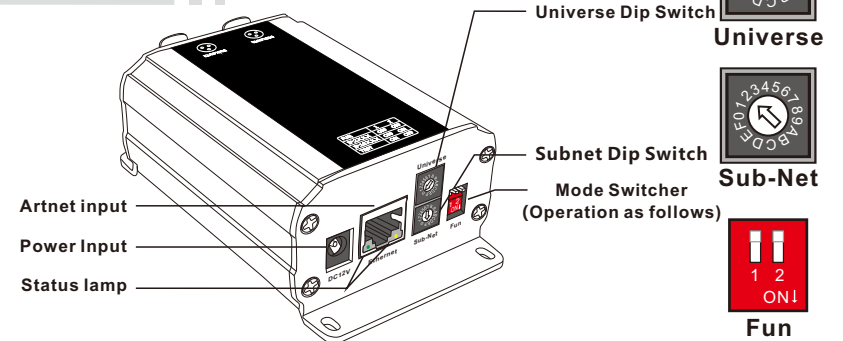| Artnet-DMX-2	
Power input	AC100-240V (with a power adaptor)
Input signal	Artnet
Output signal	DMX512
DMX channels	512 channels
Working temperature	-20℃~65℃
Dimension	L120×W73×H45mm
Package Size	L135×W80×H50mm
Weight (G.W)	290g

2. Performance Features

1 Based on Artnet protocol network data communication, accept network DMX data;

2 IP address is bound to Subnet, no need to reset, plug and play.

3.Manage Artnet on broadcast mode or unicast mode.

4. Output 2 group DMX512 data.

5 Set different network segments to avoid multiple sets Artnet data interference.

6.Compatible with the light software based on Artnet Protocol, control stage lighting and LED lighting simultaneously.

3. Product dimension

73mm
45mm
128mm

4. Interface instruction

Universe Dip Switch — **Universe**

Subnet Dip Switch — **Sub-Net**

Mode Switcher (Operation as follows)

Artnet input

Power Input

Status lamp

1 2 ON↓ **Fun**

Switching modes operation instruction：
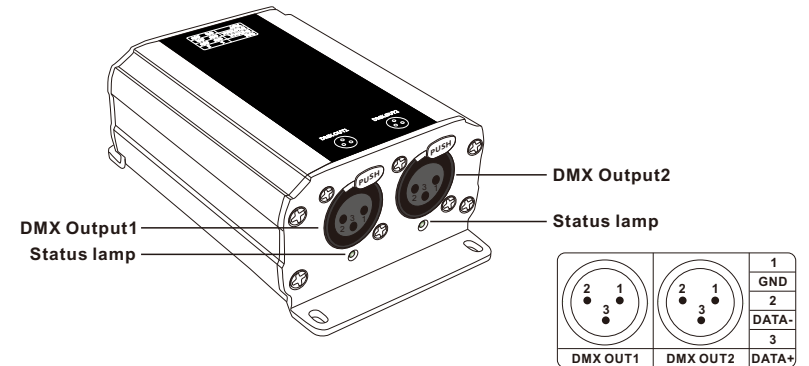
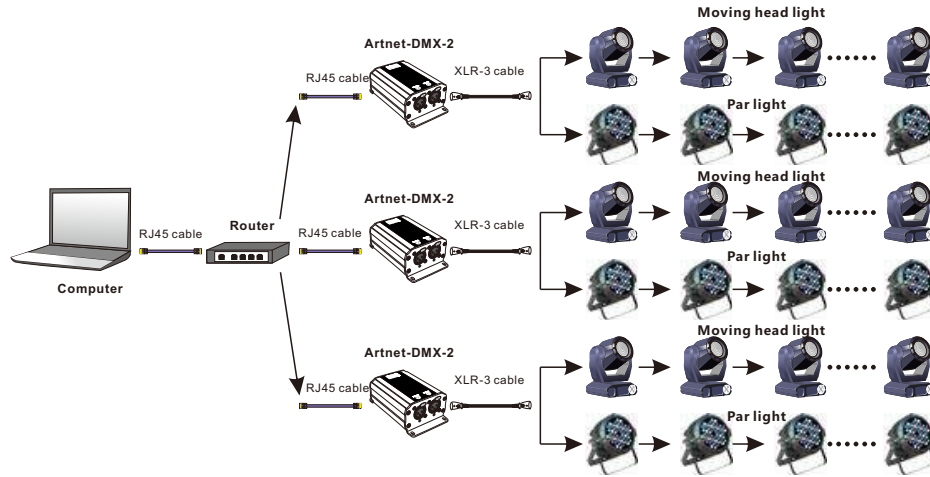| 1 2	Diagrams	Functions
OFF OFF		IP Address Setting: 2.0.36.Address
OFF ON		IP Address Setting: 10.0.36.Address
ON OFF		Testing function, OUT1 generates 170 pixels full color skipping DMX data, OUT2 generates 170 pixels full color smooth float DMX data.

Address setting instruction：

Universe/Sub-Net Dip Switch	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
Value	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

Calculating method: Group address= Subnet×16 + Universe, IP Address=2.0.36.Group Address, MAC Address=00-1B-14-20-24-Group Address

For example: Subnet: 2, Universe: B, Group Address=2×16 + 11 = 43, so the 2 channels DMX output group address is 43,44;
Corresponding IP address us 2.0.36.43 and 2.0.36.44, MAC address is 00-1B-14-20-24-43.

DMX Output2

Status lamp

DMX Output1

Status lamp

1	GND
2	DATA-
3	DATA+

DMX OUT1 DMX OUT2

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5. Conjunction diagram

Artnet-DMX-2 Lighting Control System Diagram

6. Attention

1. The product shall be installed and serviced by a qualified person.
2. This product is non-waterproof. Please avoid the sun and rain. When installed outdoors please ensure it is mounted in a water proof enclosure.
3. Good heat dissipation will prolong the working life of the controller. Please ensure good ventilation.
4. Please check if the output voltage of any LED power supplies used comply with the working voltage of the product.
5. Please ensure that adequate sized cable is used from the controller to the LED lights to carry the current. Please also ensure that the cable is secured tightly in the connector to avoid the accidents due to overheat and poor contact on the wire.
6. Ensure all wire connections and polarities are correct before applying power to avoid any damages to the LED lights.
7. If a fault occurs please return the product to your supplier. Do not attempt to fix this product by yourself.

7. Warranty Agreement

1. We provide lifelong technical assistance with this product:
   ● A 3 year warranty is given from the date of purchase. The warranty is for free repair or replacement and covers manufacturing faults only.
   ● For faults beyond the 3 year warranty we reserve the right to charge for time and parts.
2. Warranty exclusions below:
   ● Any man-made damages caused from improper operation, or connecting to excess voltage and overloading.
   ● The product appears to have excessive physical damage.
   ● Damage due to natural disasters and force majeure.
   ● Warranty label, fragile label and unique barcode label have been damaged.
   ● The product has been replaced by a brand new product.
3. Repair or replacement as provided under this warranty is the exclusive remedy to the customer. Ltech shall not be liable for any incidental or consequential damages for breach of any stipulation in this warranty.
4. Any amendment or adjustment to this warranty must be approved in writing by Ltech only.

★ This manual only applies to this model. Ltech reserves the right to make changes without prior notice.