CONIC DESIGN ART LED Triangle Instruction Manual

**DESIGN ART LED Triangle
Instruction Manual**

Contents [**hide**]

prompt

Please read this safety rule carefully before use.
After the equipment has been transported to the destination of use, please carefully open the package and take out the equipment. If you find any defects, you should immediately contact the shipping company and complain according to the defect. Confirm that this equipment is intact when it leaves the factory.
Please check whether the received equipment matches the goods registered in the freight bill and whether the goods registered in the freight bill match
The goods you ordered are consistent, if not, please contact your supplier immediately.

Overview

This lamp is professional lighting equipment designed for indoor and outdoor performances, etc. It is a professional special-effect background retro lamp. It must be marked as a ground-level wire and ground wire.
Do not open the casing while this equipment is running to avoid electric shock.
Obvious defects are found in the glass lens, and the lens should be replaced immediately and its power should be reduced, such as deep cracks or scratches. The luminous body is damaged or distorted after high heat and should be replaced immediately. If you need to perform inspection, maintenance, repairs, and other operations inside the lamp, you should turn it over to professionals.
In the event of an accident, unplug the power cord before opening the lamp housing.
The user should operate within the scope of the specified use of this equipment and check whether the wiring of the equipment is correctly connected. Please do not place the lamp in a changeable and harsh environment.
The manufacturer shall not be liable for damage caused by the unauthorized replacement of other types of light sources.
This luminaire is a kind of professional equipment. Although the improved design is simple and convenient to operate, it still needs professional installation and maintenance.

Point

The power cord and other connecting devices are very important to the equipment, and their reasonable arrangement leads to the safe and convenient use of the equipment.
When unplugging and plugging in the power supply, you must hold the plug and pull it out.
Do not pull the power cord directly.
Do not use the power cord in harsh environments. It should be tested before installation, and periodic testing should be maintained after installation. Do not tie the power cord and other signal lines together to prevent confusion.

Power connection

This lamp adapts to the conventional voltage of various countries. For the safety of users, be sure to keep the ground wire (yellow-green) grounded.

Warning: ⚡ **LETHAL VOLTAGE PRESENT INSIDE**

First of all, thank you for choosing our company's product. Please read this instruction manual carefully and completely, and keep it properly for reference during use. This manual contains important information about the installation and use of this product. Please strictly follow these related instructions during installation and use.

The appearance design is avant-garde, strong sense of balance, good stability effect, is generous and decent, and the overall internal structure is reasonable, simple, and harmonious.

The products are designed and produced according to strict standards and fully comply with the international standard DMX512 protocol. They can be controlled by a single unit or linked to each other. They are suitable for large-scale theatrical performances, indoor and outdoor activities, architectural landscape lighting, and other places.

Benchengjie lamps use high-precision accessories. When you receive the product, please handle it carefully and check whether the product may be damaged due to transportation.

And check the following accessories:

1. Lamps-1 set

2. Power cord 1

3. Signal line — 1

4. Instructions — 1 copy

5. Hanger – 1 pair

This product is a retro lamp with professional special effects.

If the product has gone through a large temperature difference (for example, after transportation), do not start the product immediately

The product will be damaged due to thermal expansion and contraction. Please wait until the device reaches normal room temperature before starting the product.

Pay attention to shocks. Avoid strong collisions during product installation.

When choosing an installation location, make sure that the product is not exposed to excessive heat, humidity, or dust. Please try not to put any wires on the ground and do a good job of waterproofing, otherwise, you may suffer the danger of electric shock.

Before installing the product, make sure that the installation point is safe.

If you need to hang it, please fasten the product with a safety rope, and check whether all the screws are correct during installation

Please make sure the glass is in good condition. When the glass is damaged or scratched, please replace the glass.

It is recommended that technicians familiar with this product operate this product. Nontechnical personnel is forbidden to operate this equipment because many losses are the

result of non-professional operation.

Please keep the packing materials properly in case you need to carry out the second transportation.

If there is no guidance from the manufacturer or distributor, please do not modify the product without authorization. Any equipment failure caused by the operation and use of this equipment not in accordance with the provisions of the manual is not covered by the warranty. And any damage caused by short circuits, injuries, electric shocks, ultraviolet rays, etc. caused by this is not covered by the warranty.

4. Product hanging and installation

Note: For more safety, please hang and install this product away from aisles, seating areas, or areas within reach of people.

Before hanging the product, make sure that the installation point can bear the weight of the product 10 times.

Product installation must have double protection devices, such as safety ropes.

When hanging, removing or repairing this product, it is forbidden to stand under the installation point

Features:

This product is a retro triangle LED special effect background light. The main light uses 16 30W 1800K golden

yellow LED lamp beads, and the auxiliary light uses 576 0.3W RGB three-in-one LED lamp beads. Each main light is surrounded by 36 pieces. The lamp beads are divided into 16 modules and can be individually controlled, the effect is outstanding and vivid. This luminaire can seamlessly splice multiple luminaires or hang them for use, which can bring dazzling and multi-style effects to the stage.

This product has a good LED refresh rate, no flicker, and can be suitable for various occasions.

The lamp can be set with the signal hold function, when the signal is disconnected from the console, the current effect can be maintained

The appearance design is avant-garde, strong sense of balance, and good stability effect, is generous and decent, and the overall internal structure is reasonable, simple, and harmonious.

technical parameter
Input voltage: AC100-240V, 50/60Hz
Light source: main light: 16 PCS 30W golden light
Auxiliary light: 576 0.3W RGB three-in-one LED lamp beads
Main light color temperature: 1800K (other color temperatures are optional) Channel: 6/12/21/64/76 CH
Control mode: DMX512, master-slave, self-propelled, voice
control Lamp size: 79.5x15x69cm
Net weight: 8.3KG

Dimensions
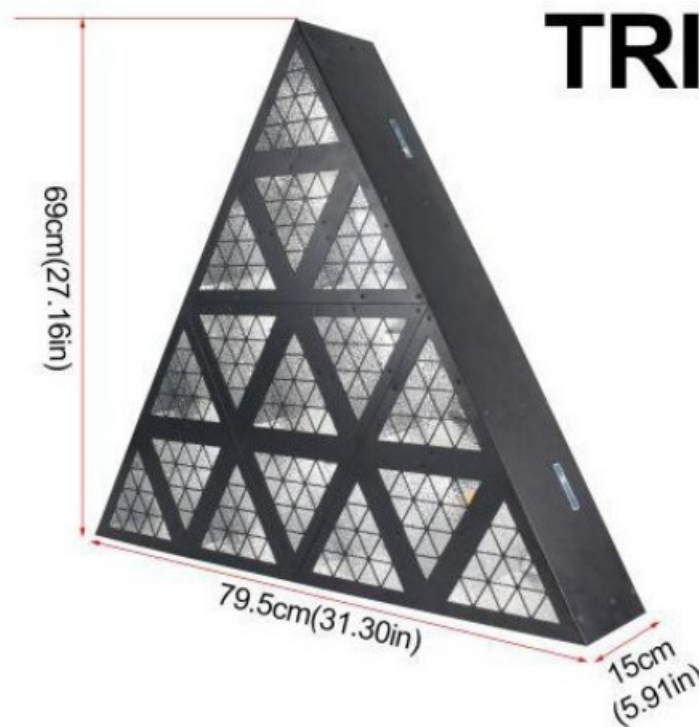
Menu operation instructions
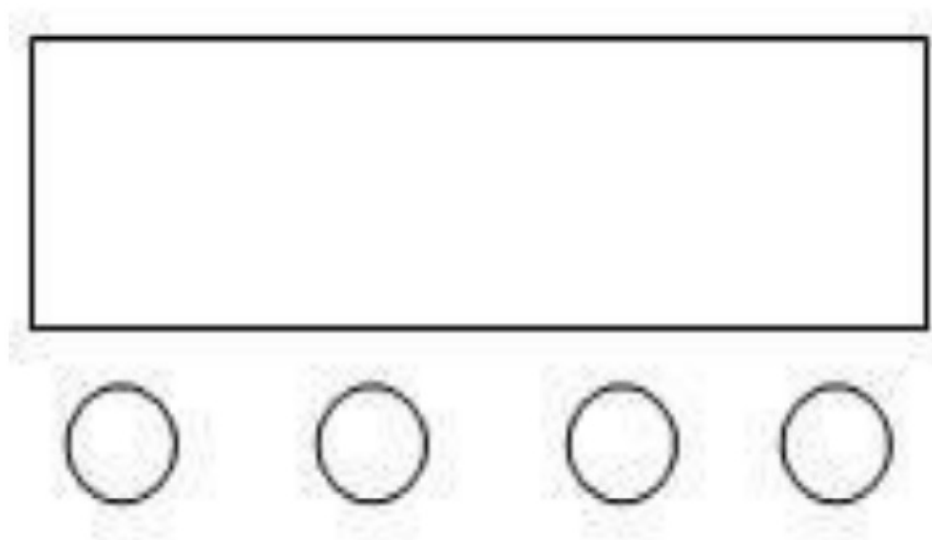
A B C D

Operation instructions: Press function key A to cycle out different functions, and press the B or C key to modify its parameter value. Press D to confirm.

Address	1-512
RUN	DMX512
	Auto
	Sound
DMX MODE	CH4
	CH6
	CH12
	CH21
	CH64
	CH76
TEST	ALL

		English	
SET		DISPLAY	No/Yes
		Signal Keep	No/Yes
		Slave	No/Yes(
INFO	Version	Vx.xx	
MANUAL	Red		
	Green		
	Blue		
	white		
	Strobe		
RESET	All Reset	No/Yes	

Channel

4 channel mode

CH	Function	DMX Value	Description
1	Red	0-255	0-100%
2	Green	0-255	0-100%
3	Blue	0-255	0-100%
4	White	0-255	0-100%

6channel mode

CH	Function	DMX Value	Description
1	Dimmer	0-255	0-100%
2	Strobe	0-19	No Effect
		20-255	Strobe slow to fast
3	Red	0-255	0-100%
4	Green	0-255	0-100%
5	Blue	0-255	0-100%
6	White	0-255	0-100%

12channel mode

CH	Function	DMX Value	Description
1	Dimmer	0-255	0-100%
2	Strobe	0-19	No Effect
		20-255	Strobe slow to fast
3	Red	0-255	0-100%
4	Green	0-255	0-100%
5	Blue	0-255	0-100%
6	White	0-255	0-100%
7	Color Macro	0-10	No Function
		11-30	R 100%,G 50-100-50%,B 0
		31-50	R 100%-0,G 100%, B,0
		51-70	R 0,G 100%,B 0-100%
		71-90	R 0,G 100%-0,B 100%
		91-110	R 0-100%, G 0, B 100%

		111-130	R 100%,G 0, B 100%-0
		131-150	R 100% ,G 0-100% ,B 0-100%
		151-170	R 100%-0, G 100%-0, B 100%
		171-200	R 100%,G 100%, B 100%
		201-205	Color 1
		206-210	Color 2
		211-215	Color 3
		216-220	Color 4
		221-225	Color 5
		226-230	Color 6
		231-235	Color 7
		236-240	Color 8
		241-245	Color 9
		246-250	Color 10
		251-255	Color 11
8	Foreground Dimmer	0-255	0-100%
9	Background	0-10	No Function
		11-255	Background Color
10	Background	0-255	0-100%

	Dimmer		
11	Show	0-10	No Function
		11-15	Show1
		16-20	Show2
		21-25	Show3
		26-30	Show4
		31-35	Show5
		36-40	Show6
		41-45	Show7
		46-50	Show8
		51-55	Show9
		56-60	Show10
		61-65	Show11
		66-70	Show12
		71-75	Show13
		76-80	Show14
		81-85	Show15
		86-90	Show16
		91-95	Show17
		96-100	Show18

		101-105	Show19
		106-110	Show20
		111-115	Show21
		116-120	Show22
		121-125	Show23
		126-130	Show24
12		131-135	Show25
		136-140	Show26
		141-145	Show27
		146-150	Show28
		151-155	Show29
		156-160	Show30
		161-165	Show31
		166-170	Show32
		171-175	Show33
		176-180	Show34
		181-185	Show35
		186-190	Show36
		191-195	Show37
		196-200	Show38
		201-205	Show39

		206-210	Show40
		211-215	Show41
		216-220	Show42
		221-235	Show43
		236-245	Sound1
		246-255	Sound2
12	Show Speed	0-255	Show Speed Slow to Fast

21channel mode

CH	Function	DMX Value	Description
3	Dimmer	0-255	0-100%
4	Strobe	0-19	No Effect
		20-255	Strobe slow to fast
5	1 Color Select/	0-10	No Function
		11-25	Red
		24-40	Green
		41-55	Blue
		56-70	White
		71-85	R +G
		86-100	R+B
		101-115	G+B

		116-130	R+W
		131-145	G+W
		146-160	B+W
		161-175	R+G+W
		176-190	R+B+W
		191-205	G+B+W
		206-255	R+G+B+W
	…		…
18	16 Color Select/	0-10	No Function
		11-25	Red
		24-40	Green
		41-55	Blue
		56-70	White
		71-85	R +G
		86-100	R+B
		101-115	G+B
		116-130	R+W
		131-145	G+W
		146-160	B+W
		161-175	R+G+W
		176-190	R+B+W

		191-205	G+B+W
		206-255	R+G+B+W
19	Background dimmer	0-255	0-100%
20	Show	0-10	No Function
		11-15	Show1
		16-20	Show2
		21-25	Show3
		26-30	Show4
		31-35	Show5
		36-40	Show6
		41-45	Show7
		46-50	Show8
		51-55	Show9
		56-60	Show10
		61-65	Show11
		66-70	Show12
		71-75	Show13
		76-80	Show14
		81-85	Show15

		86-90	Show16
		91-95	Show17
		96-100	Show18
		101-105	Show19
		106-110	Show20
		111-115	Show21
		116-120	Show22
		121-125	Show23
		126-130	Show24
		131-135	Show25
		136-140	Show26
		141-145	Show27
		146-150	Show28
		151-155	Show29
		156-160	Show30
		161-165	Show31
		166-170	Show32
		171-175	Show33
		176-180	Show34
		181-185	Show35
		186-190	Show36

		191-195	Show37
		196-200	Show38
		201-205	Show39
		206-210	Show40
		211-215	Show41
		216-220	Show42
		221-225	Show43
		226-230	Sound1
		231-235	Sound2
		236-245	No Function
		246-255	Show1
21	Show Speed	0-255	Show Speed Slow to Fast

64 channel mode

CH	Function	DMX Value	Description
1	Red1	0-255	0-100%
2	Green1	0-255	0-100%
3	Blue1	0-255	0-100%
4	White1	0-255	0-100%
5	Red2	0-255	0-100%
6	Green2	0-255	0-100%

7	Blue2	0-255	0-100%
8	White2	0-255	0-100%
…	……	…	…
61	Red16	0-255	0-100%
62	Green16	0-255	0-100%
64	Blue16	0-255	0-100%
64	White16	0-255	0-100%

76 channel mode

CH	Function	DMX Value	Description
1	Dimmer	0-255	0-100%
2	Strobe	0-19	No Effect
		20-255	Strobe slow to fast
3	Red	0-255	0-100%
4	Green	0-255	0-100%
5	Blue	0-255	0-100%
6	White	0-255	0-100%
7	Color Macro	0-10	No Function
		11-30	R 100%,G 50-100-50%,B 0
		31-50	R 100%-0,G 100%, B,0
		51-70	R 0,G 100%,B 0-100%
		71-90	R 0,G 100%-0,B 100%

		91-110	R 0-100%, G 0, B 100%
		111-130	R 100%,G 0, B 100%-0
		131-150	R 100% ,G 0-100% ,B 0-100%
		151-170	R 100%-0, G 100%-0, B 100%
		171-200	R 100%,G 100%, B 100%
		201-205	Color 1
		206-210	Color 2
		211-215	Color 3
		216-220	Color 4
		221-225	Color 5
		226-230	Color 6
		231-235	Color 7
		236-240	Color 8
		241-245	Color 9
		246-250	Color 10
		251-255	Color 11
8	Foreground Dimmer	0-255	0-100%
9	Background	0-10	No Function
		11-255	Background Color

10	Background Dimmer	0-255	0-100%
11	Show	0-10	No Function
		11-15	Show1
		16-20	Show2
		21-25	Show3
		26-30	Show4
		31-35	Show5
		36-40	Show6
		41-45	Show7
		46-50	Show8
		51-55	Show9
		56-60	Show10
		61-65	Show11
		66-70	Show12
		71-75	Show13
		76-80	Show14
		81-85	Show15
		86-90	Show16
		91-95	Show17

		96-100	Show18
		101-105	Show19
		106-110	Show20
		111-115	Show21
		116-120	Show22
		121-125	Show23
		126-130	Show24
		131-135	Show25
		136-140	Show26
		141-145	Show27
		146-150	Show28
		151-155	Show29
		156-160	Show30
		161-165	Show31
		166-170	Show32
		171-175	Show33
		176-180	Show34
		181-185	Show35
		186-190	Show36
		191-195	Show37
		196-200	Show38

		201-205	Show39
		206-210	Show40
		211-215	Show41
		216-220	Show42
		221-235	Show43
		236-245	Sound1
		246-255	Sound2
12	Show Speed/	0-255	Show Speed Slow to Fast
15	Red1	0-255	0-100%
16	Green1	0-255	0-100%
17	Blue1	0-255	0-100%
18	White1	0-255	0-100%
:			
61	Red16	0-255	0-100%
62	Green16	0-255	0-100%
63	Blue16	0-255	0-100%
64	White16	0-255	0-100%

DMX connection DMX
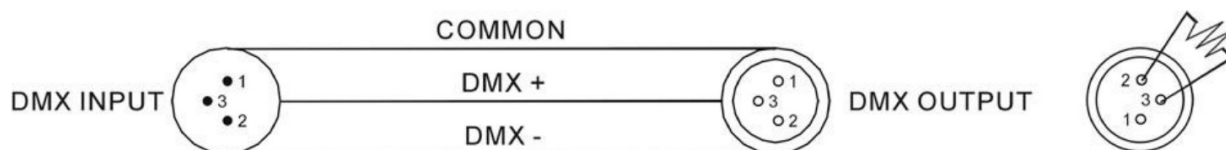
DMX512 is widely used in lamp control and can control up to 512 channels On the last luminaire, a terminator is required for the DMX signal line. Solder a 120Ω, 1/4W resistor between pin2 and pin3, install it into the 3-pin XLR plug, and plug it into the DMX output port of the last lamp.

Use the XLR signal cable to connect the lamp, one end to the output port of the lamp, and the other end to the output port of the next lamp. The XLR signal cable can only be used in series, not parallel. DMX512 signal transmission speed is very fast. Damage to the signal line, weak welding, poor contact, etc., will affect signal transmission and cause

the system to shut down.

When the power supply of a certain lamp is cut off, the connection between the DMX output and input is bypassed, so that the connection of the DMX line can be maintained.

Each lamp needs an address code, which can receive the information sent by the console, ranging from 0 to 512. The terminal of the system needs to be equipped with a terminator to reduce signal transmission errors.
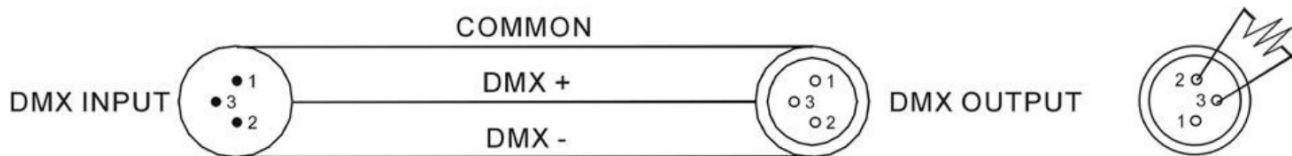
DMX address code se,ng

When using a universal DMX console to control a lamp, please set the start address code (1 ~ 512) for the lamp first, so that the lamp can receive DMX signals.

Press the MENU bu\on un(l the A001 address is displayed on the screen, and use the DOWN /UP bu\on to change the DMX512 address. Press the ENTER bu\on un(l the display stops flashing or it is automa(cally saved after one minute. To return to the main menu, press the MENU bu\on.

Safety introduction and product maintenance

1. The power connec(on must be made by professionals.
2. Make sure that the use voltage is not higher or lower than the specified value in the instruc(on manual.
3. Confirm that the power cord is not cut or damaged by a sharp blade.
4. Be sure to disconnect the power supply when the lamp is not in use or before cleaning.
5. Only the plug is allowed to connect the power cord. When pulling out the plug, please do not pull the power cord forcibly.
6. Be careful when installing the lamps and avoid touching the bare wires, otherwise, you will suffer a fatal electric shock.
7. Please do not look directly at the light source when the lamp is in use, otherwise, your eyes will be hurt.
8. When choosing the installation (local(, please ensure that the lamp is not exposed to extreme heat, humidity, or dust. The distance between the lamp and the illuminated object must exceed 0.5 meters. Make sure that there are no flammable and explosive materials within 0.5 meters.
9. Please use proper and safe wires to connect the lamps.
10. Please operate after familiarizing yourself with the func(on of the lamp. Most of the damage to the lamps is caused by improper operas (, so non-professionals are not allowed to operate the lamps. Do not shake the lamp at will, and do not operate it roughly.
11. Please do not modify the lamp at will. Doing so may cause a short circuit, burning, electric shock, etc., and cause malfunc(and damage to the lamp. The manufacturer does not provide a warranty

Documents / Resources

CONIC DESIGN ART LED Triangle [pdf] Instruction Manual
ART LED, Triangle, ART LED Triangle