



SquareLED Clou³ Multifunction 3in1 LED Display Video + lighting + movement

Manual | Clou³ Multifunction 3in1 LED Display

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Declaration

- The material in the manual is for standard Squared Clou³ design. Other specific or special system or function depends on the user's order.
- This products is for professional installation and the user should keep clear of danger.
- If you have questions about how to operate them safely, please contact your manufacturer.
- In daily use, this product may cause radio interference. In this case, the user needs to take adequate action.
- Copyright Reserved By Huasuny. No reprint or modify without permission.



WARNING!

Read the safety precautions in this section before installing, powering, operating or servicing this product.

The following symbols are used to identify important safety information on the product and in this manual:



WARNING!
Safety hazard.
Risk of severe injury or death.



WARNING!
Refer to manual before installing, powering or servicing.



WARNING!
Hazardous voltage. Risk of lethal or severe electric shock.



WARNING!
Hot surface. Do not touch.



WARNING!
Fire hazard.



WARNING!
Emission hazardous to eyesight.



This product is for professional use only. It is not for household use.

This product presents risks of severe injury or death due to fire hazards, electric shock and falls.



Read this manual before installing, powering or servicing this product, follow the safety precautions listed below and observe all warnings in this manual and printed on the product. If you have questions about how to operate the LED display safely, please contact manufacturer.



PROTECTION FROM ELECTRIC SHOCK

- Connect the product to AC mains power within the range 105 - 240V nominal at 50 or 60 Hz only.
- Disconnect the entire installation from powered ensure that power cannot be reconnected, even accidentally, before carrying out any installation or maintenance work.
- Disconnect the product from power when not in use.
- Always ground (earth) the product electrically.

Manual | Clou³ Multifunction 3in1 LED Display

Video + lighting + movement

- Use only a source of power that complies with local building and electrical codes and has both overload and ground-fault (earth-fault) protection.
- Connect the LED display to power using only the cables supplied by attached with the product.
- Protect power cables from water and rain.
- Do not connect any other device than other LED display to the power throughput connector in the base of the product.
- The number of LED display which are cascaded by one unit AC power cable is not allowed to exceed the regular number.
- Before using the product, check that all power distribution equipment and cables are in perfect condition and rated for the current requirements of all connected devices.
- Do not use the product if the power cable or a power plug is in any way damaged, defective or showing signs of overheating.
- Refer any service operation not described in this manual to qualified technicians.



PROTECTION FROM FIRE

- Provide a minimum clearance of 40 cm around the cover at the back of the LED display base.
- Do not stick filters, masks or other materials directly on to LED modules.
- Do not modify the product in any way not described in this manual.
- Install only genuine parts in or on the product unless an alternative is described in this manual.
- Do not operate the product if the ambient temperature (Ta) exceeds 40°C (104°F).



PROTECTION FROM INJURY

- Ensure that any structure used for support as well as all fastening and connecting hardware can hold at least 10 times the weight of all supported devices and equipment.
- Do not suspend LED display using any other method of attachment than those described in this manual. Check that all external covers and rigging hardware are securely fastened.
- Block access below the work area and work from a stable platform whenever installing, servicing or moving the product.

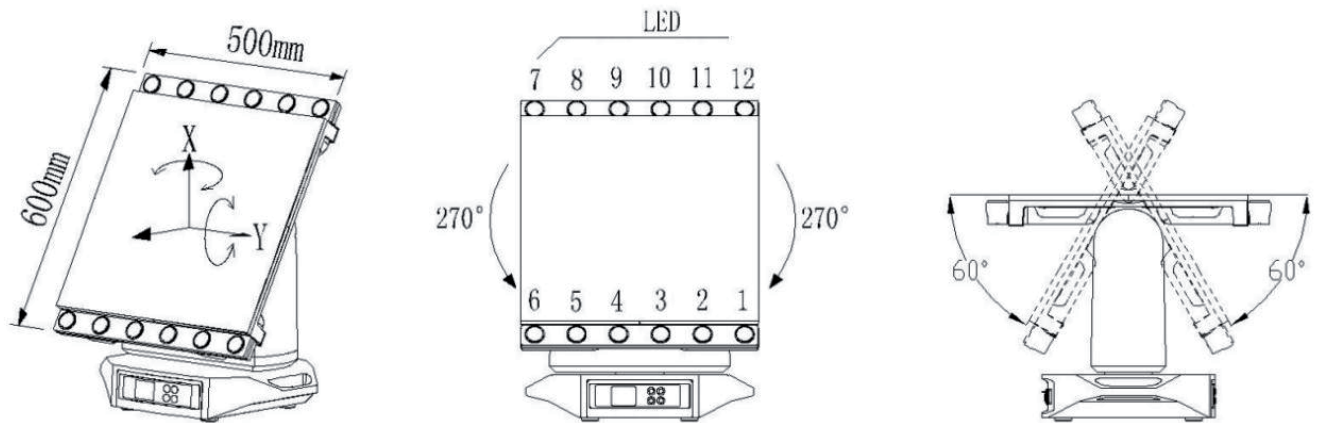


- Do not look at lit LEDs from a distance of less than 40cm(1 ft.4in.) without suitable protective eye wear.
- Do not view lit LEDs with optical instruments that may concentrate the light output.

Manual | Clou³ Multifunction 3in1 LED Display

Video + lighting + movement

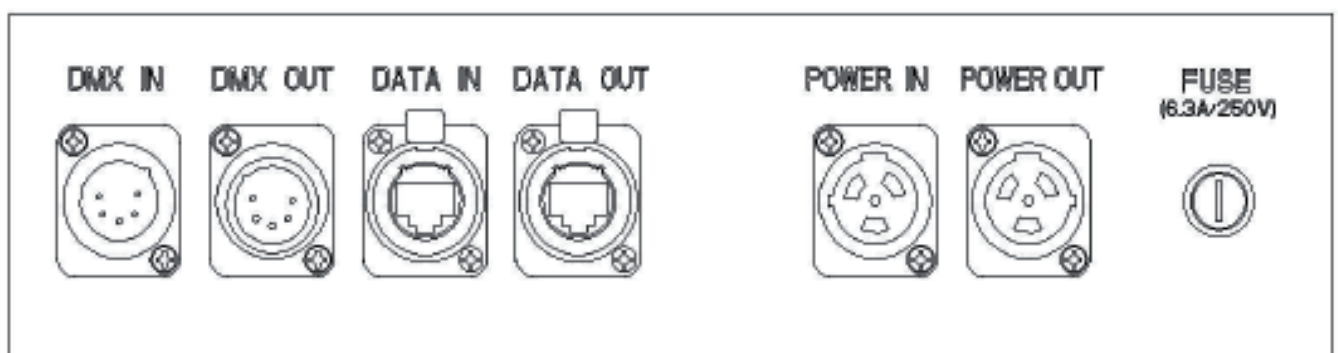
1. Squareled Clou³- Module Feature



2. Squareled Clou³- Main Data

Power input	110VAC/50~60Hz
Power consumption	380W(Max)
Head movement	X:540°/Y:120°
Control model	DMX512 Signal/Sound/Auto
DMX channel	64
Net weight	≈31kg
Dimension	498(L)*498(W)*595(H)mm

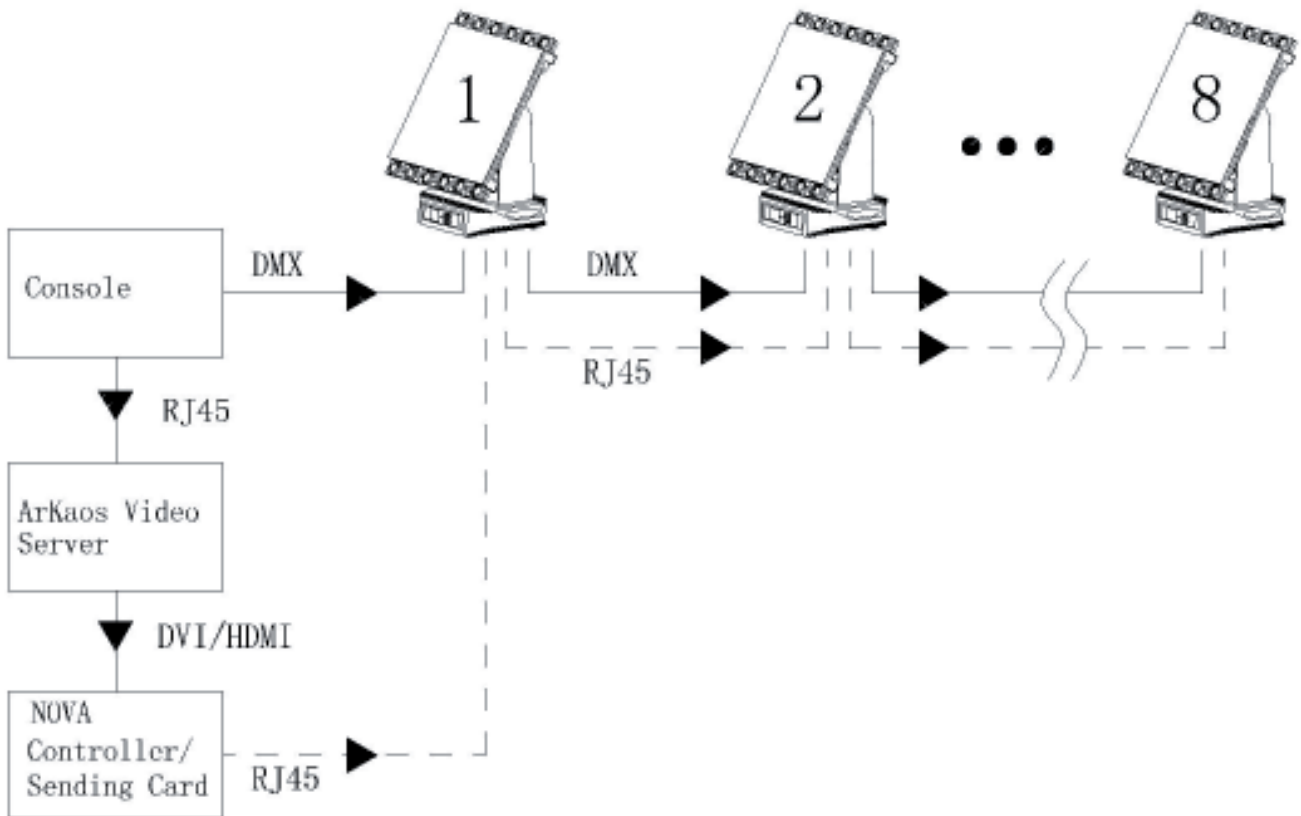
3. Squareled Clou³ - Connector



Manual | Clou³ Multifunction 3in1 LED Display

Video + lighting + movement

4. Squared Clou³- Connection between Module



Please use the DMX512 shielded twisted pair signal line. The signal line connecting distance is 150 meters. When used for long distance signal transmission, signal amplifier should be added to the DMX512.

Since each DMX signal can only control 512 channels, each signal can control no more than 8 pcs of Squared Clou³.

Manual | Clou³ Multifunction 3in1 LED Display

Video + lighting + movement

5. Squared Clou³ - DMX Channels

Subject	Channel	Value	Subject	Channel	Value	Subject	Channel	Value
Dimmer	001	0-255	Green 3	023	0-255	White 8	045	0-255
Shutter	002	0-255	Blue 3	024	0-255	Red 9	046	0-255
Pan	003	0-255	White 3	025	0-255	Green 9	047	0-255
Panfine	004	0-255	Red 4	026	0-255	Blue 9	048	0-255
Tilt	005	0-255	Green 4	027	0-255	White 9	049	0-255
Tiltfine	006	0-255	Blue 4	028	0-255	Red 10	050	0-255
P/T Speed	007	0-255	White 4	029	0-255	Green 10	051	0-255
RedAll	008	0-255	Red 5	030	0-255	Blue 10	052	0-255
GreenAll	009	0-255	Green 5	031	0-255	White 10	053	0-255
BlueAll	010	0-255	Blue 5	032	0-255	Red 11	054	0-255
WhiteAll	011	0-255	White 5	033	0-255	Green 11	055	0-255
Marco	012	0-255	Red 6	034	0-255	Blue 11	056	0-255
Marco sp	013	0-255	Green 6	035	0-255	White 11	057	0-255
Red 1	014	0-255	Blue 6	036	0-255	Red 12	058	0-255
Green 1	015	0-255	White 6	037	0-255	Green 12	059	0-255
Blue 1	016	0-255	Red 7	038	0-255	Blue 12	060	0-255
White 1	017	0-255	Green 7	039	0-255	White 11	061	0-255
Red 2	018	0-255	Blue 7	040	0-255	Reset	062	0-255
Green 2	019	0-255	White 7	041	0-255			
Blue 2	020	0-255	Red 8	042	0-255			
White 2	021	0-255	Green 8	043	0-255			
Red 3	022	0-255	Blue 8	044	0-255			

Manual | Clou³ Multifunction 3in1 LED Display

Video + lighting + movement

6. Squared Clou³ - Menu Operation

1st Menu	2nd Menu	3rd Menu	4th Menu	Note
Address	1-512			
Display	ShowReve	Natu		
		Revl		
	Language	Chin		
		Engl		
	LightSet	5-100		
	Lightoff	Ligh		
		1Min		
		2Min		
		3Min		
	MenuBack	Off		
		1Min		
		2Min		
		3Min		
	Flidcer	On		
		Off		
	ESC			
	Special	XY Setup	PanReve	On
Off				
TiltReve			On	
			Off	
OptoChek		On		
		Off		
ChanMode		Stan		
		Smag		
Run Mod		DMX		

Manual | Clou³ Multifunction 3in1 LED Display

Video + lighting + movement

Special	Run Mod	Aotu		
		Sound		
		Slve		
	SignCler	On		
		Off		
	ESC			
InfChek	ProduMod	V1.0		
	WorkCoun	V001		
	SpareCon			
	SpareTim			
	LED Version			
	DisVersion			
	ESC			
ChanlCtl	(001)	0-255		
	0-255		
	(062)	0-255		
	Reset			
	ESC			
AssiTool (Note:Factory setting)	FacCofi			
	Default			
	Redress	Pan	0-255	
		Tilt	0-255	
		ESC		
	FacSett			

Manual | Clou³ Multifunction 3in1 LED Display

Video + lighting + movement

AssiTool (Note:Factory setting)	Checksum	Verify01	0-255	
		Verify02	0-255	
		Verify03	0-255	
		Verify04	0-255	
		Verify05	0-255	
		Verify06	0-255	
		Verify07	0-255	
		Verify08	0-255	
		Verify09	0-255	
		Verify10	0-255	
		ESC		
Chanlval	ESC			
	(001)			
			
	(062)			
	Reset			
All Rst	ESC			
	on/ff			
ESC				

NOTICE

1. After the electrical connection has been completed, you must check that all the connections are correct and reliable before they can be switched on.
2. All electrical connections must be operated without the power on.
3. Before connecting to power supply, you need to check the ground is qualified.
4. There must be a power supply insurance device.
5. No rain or water can be poured on the power supply.

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