



TiS LIGHTING

HOME PARTY SERIES

- Ideal for home, Villa, shopping centers, Resorts, KTV, bar...
- Birthday party, friends gathering, atmosphere Creation, advertising...
- Miniature stage lighting.

User's Manual

TiS LIGHTING
www.tissmarthome.com

R G B W

HPD-LED-SQUARE

HPD-LED-BEAM

HPD-LED-STARS

HPD-LED-FLOWER

HPD-LED-DIAMOND

HPD-LSR-FIREFLY

HPD-LED-WATER

HPD-LSR-GRILLE

SECURITY INFORMATION

Thank you for using our products, the high quality products and perfect service will make you satisfied. For your safety and the better play of the lighting function, please read the User's Manual carefully before your operation.

In order to install, operate, maintain the lighting safely, it's recommended to install and operate the light by qualified professionals according to the guidance of this manual .

Warning: Disconnect the plug of power adapter when you do not use it.

NOTE

Packing content:

Please check if all the contents are completed after unpacking, then, check if the light is undamaged. Please you can keep the original package and return to the factory if it's damaged.

Check if the voltage is in accordance with the rated power.

All the safety should be taking into consideration before and during operation and installation:

1. Open the carton, take all the accessories from it, and open the Polystyrene packaging, take out the lighting and check whether it's damaged.
2. Only the professional person can repair and operate the lighting under the instruction of the manual.
3. This product for indoor use only. The protection rating is IP20. Please keep the light far away from the water or other liquid.
4. The light must keep dry and avoid to use under the moisture, overheat or dusty environment.
5. Make sure the normal and stable work environment temperature of this lighting not exceed 40°C , the lowest temperature not exceed -20°C .
6. Do not touch the light while it is working under steady heat dissipation working conditions.
7. There is not any replaceable spare parts inside the light, do not use the light when the housing cover is opened.

INTRODUCTION

HPD series product is one of the Mini stage series. It can be used both as hanging light and ceiling light by using the ceiling panel to replace the handling .There are 10 coding switches, cable socket of 1 output and 1 input, DC 12 v input socket behind the light. At present, HPD series has more than 8 lights effect. All of them have features of easy to control and understanding, small and exquisite appearance, modern and practical, rich lighting and dynamic. Not only can a single use; you can use any combination according to your preferences. You can choose a single one to use, also can combine any of them according to your preference.

Application fields:

Homes, villas, hotels, bars, KTV, shopping center, resorts, multi-function hall...
Birthday Party, friends gathering, personal enjoyment, gifts,
atmosphere creation, advertising...

BASIC INFORMATION

Package:

White box, with high-strength plastic inside to fix the light.

Master box:K-type corrugated carton color printing, with 18pcs per carton.

Packing Contents:

HPD light 1pc,

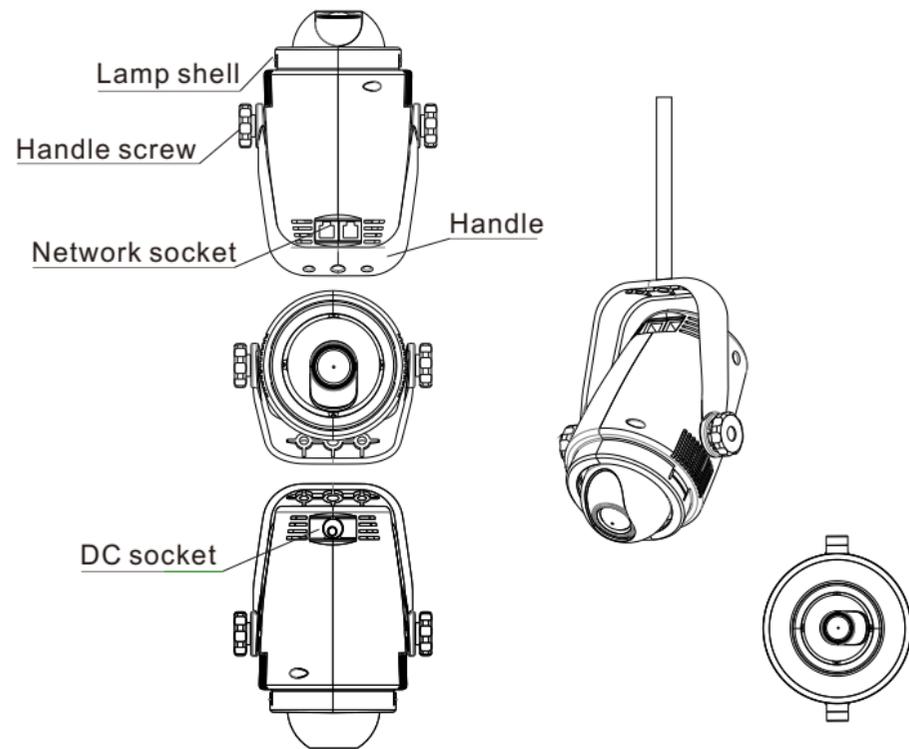
12V 2A adapter 1pc,

User's Manual 1pc

FEATURES

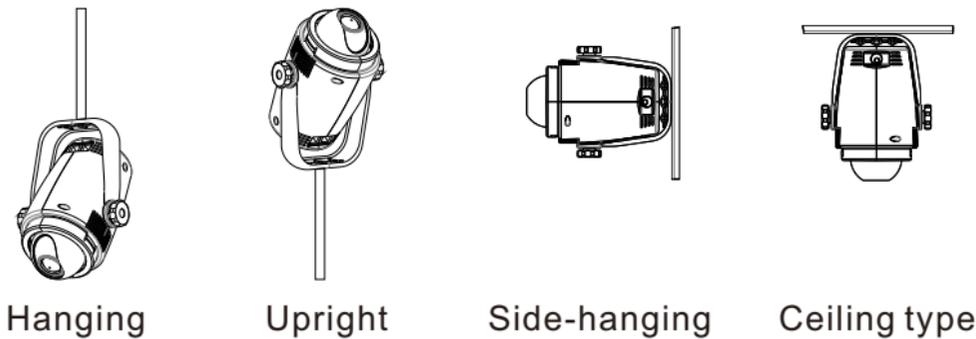
1. Small size, light weight, attractive appearance with modern stream line style which consistent with the public aesthetic ideas.
2. Low power consumption; Energy saving; High quality lighting source with excellent brightness (lighting source: laser/LED), durable.
3. With many different effects, Multiple forms of mechanical motion, move or stop, fast or slow.
4. Air isolation, great heat dissipation, reasonable construction design, low noise fan to assist air convection.
5. Durable, made of high quality ABS plastic, good abrasion resistance, chemical stability, electrical and mechanical strength.
6. Surface color and pattern can be customized. Can form rich color gorgeous appearance, and make it match with different external environment.
7. Unique assembly structure design, simple installation, can be installed by hanging or ceiling.
8. It can be used 5.0 DC socket, external connect the 12V power adapter, easy to use and safe.
9. The cable as the DMX signal transmission line, this light have cable socket of 1 output and 1 input, easy to realize signal mix.
10. Multiple styles and choice. Operation by unit or multiples matching various combination, with different control system such as DMX control, Tablet PC, and smart phone. It's possible to be a DIY lighting master.
11. A wide range of applications for different occasions.
12. Elegant package both as electronic consumption product and as a GIFT.

STRUCTURE INTRODUCTION



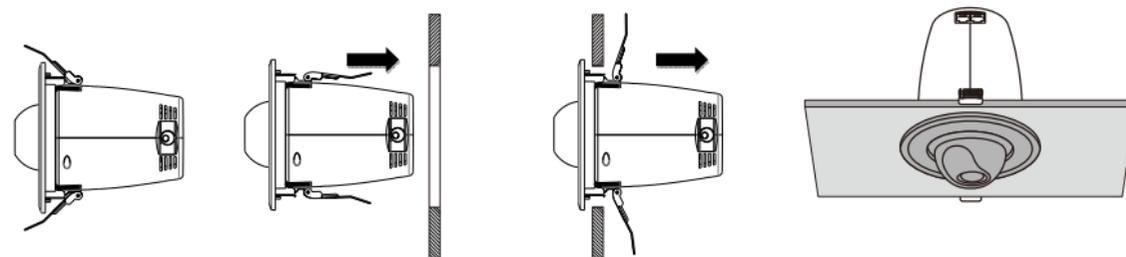
INSTALLATION INSTRUCTION

The installation of handling:



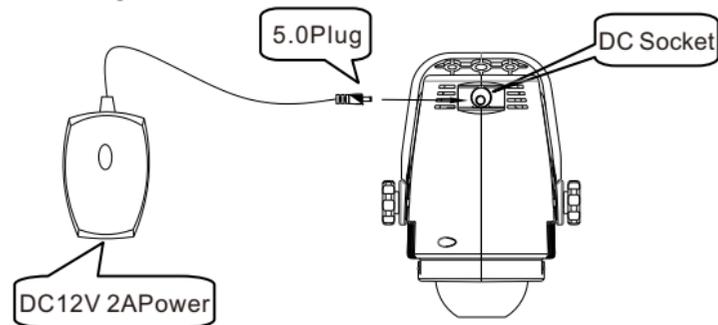
Ceiling installation:

Ceiling opening diameter
135mm



CONNECTION OF POWER SUPPLY AND CONTROL NETWORK CABLE

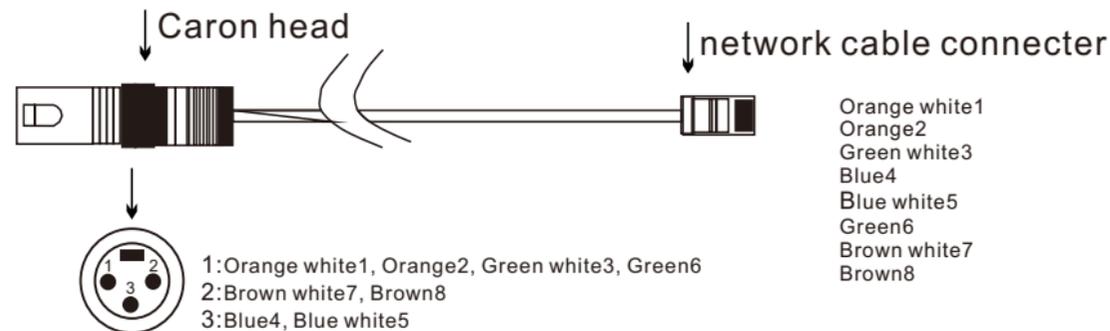
Connect to the adapter:



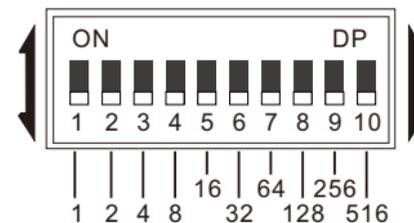
The usage of network cable, the change between network cable and Caron seat:

The light use network cable as a control method of DMX signal. The connect method of network connector is the same as other comment cable.

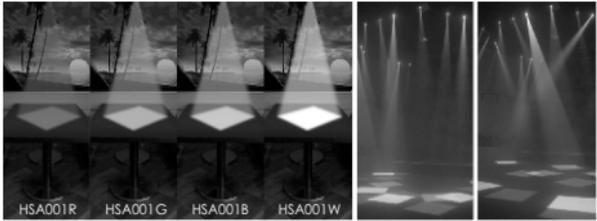
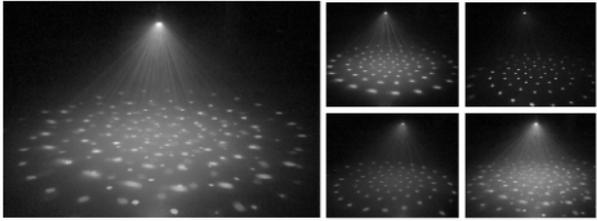
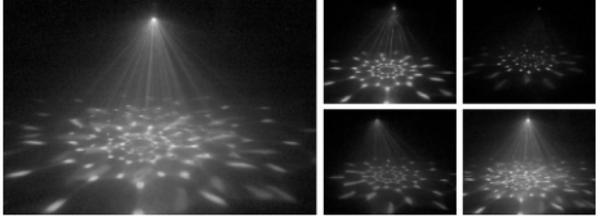
You can purchase the network convert box from us the transfer the network cable, Caron seat and Caron head, or you can also connect the Caron plug according to the below figure.

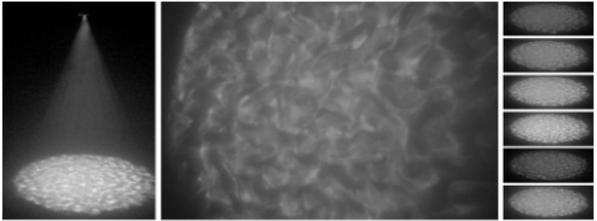
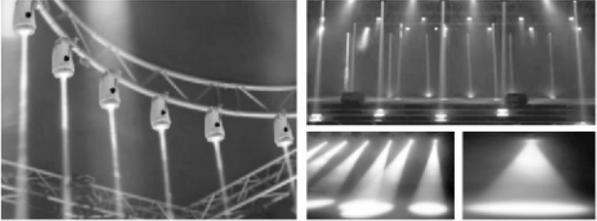
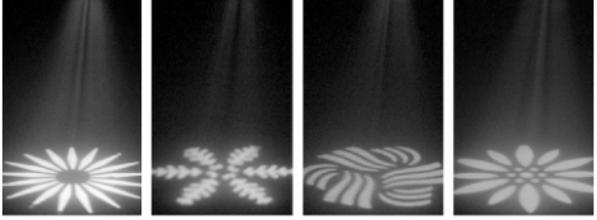


Settings of DMX address:



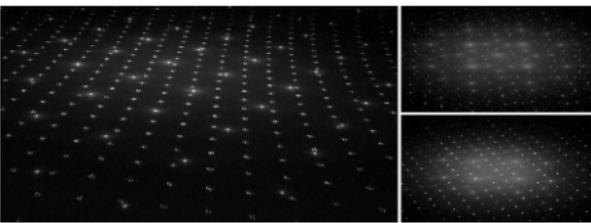
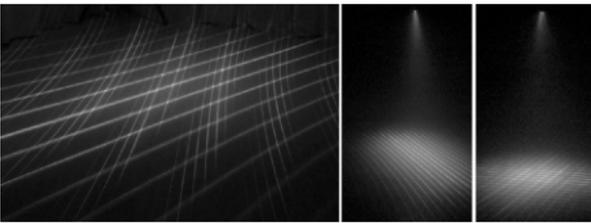
LIGHTING PARAMETERS AND EFFECTS DISPLAY 1

Model Name	Product picture	Effect picture	Light source	Voltage	Power
HPD-LED-SQUARE			LED R 2W G 2W B 2W W 2W	Adapter: AC100-240V 50/60Hz Light:12V	13W
HPD-LED-STARS			RGB 3*3W	Adapter: AC100-240V 50/60Hz Light:12V	13W
HPD-LED-DIAMOND			RGB 3*3W	Adapter: AC100-240V 50/60Hz Light:12V	13W

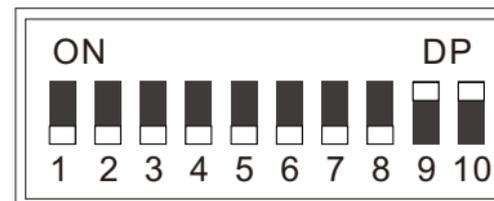
Model Name	Product picture	Effect picture	Light source	Voltage	Power
HPD-LED-WATER			RGB 3*3W 3in1	Adapter: AC100-240V 50/60Hz Light:12V	13W
HPD-LED-BEAM			8W Lumi Engin -SC3	Adapter: AC100-240V 50/60Hz Light:12V	12W
HPD-LED-FLOWER			8W Lumi Engin -SC3	Adapter: AC100-240V 50/60Hz Light:12V	13.5 W

LIGHTING PARAMETERS AND EFFECTS DISPLAY 2

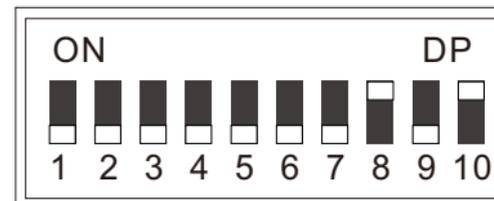
DESCRIPTION OF LIGHTING FUNCTION

Model Name	Product picture	Effect picture	Light source	Voltage	Power
HPD-LSR-FIREFLY			Green laser 30mW Red laser 80mW	Adapter: AC100-240V 50/60Hz Light:12V	6W
HPD-LSR-GRILLE			Green laser 30mW Red laser 80mW	Adapter: AC100-240V 50/60Hz Light:12V	6W

Address code's setting of AUTO mode:

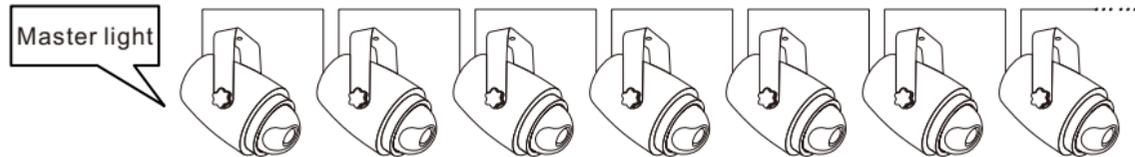


Address code's setting of Sound Activated mode:

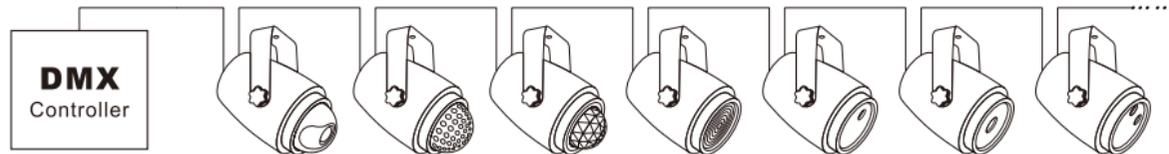


DESCRIPTION OF LIGHTING FUNCTION

Master/slave mode—Connection indication of by using network cable and DMX signal cable.(Note:the address code is the same):



Connection indication of DMX512 control mode:



DMX CHANNEL VALUE TABLE 1

Model and Name	Channel	function	Value	Description		
HPD-LED-SQUARE	CH1	Strobe	0—7	Off		
			8—250	Strobe(slow—fast)		
			221—255	On		
	CH2	Dimmer	0—255	From dark to bright		
	CH3	X axis	0—255	0—360°		
	CH4	Y axis	0—255	0—45°		
HPD-LED-STARS	CH5	Motor speed	0—255	Motor speed adjustment		
			Ch6	Auto/ Sound Activation	0—30	N/A
					31—180	Auto
	CH1	Strobe	181—255	Sound Activation		
			8—255	Strobe (slow—fast)		
			0—7	off		
HPD-LED-STARS	CH2	Color	8—255	Strobe (slow—fast)		
			0—22	Off		
			23—45	Red		
			46—68	Green		
			69—91	Blue		
			92—114	Red+ Green		
			115—137	Green+ Blue		
			138—160	Red+ Blue		
			161—183	Red+ Green+ Blue		
			184—206	Effect I		
			207—229	Effect II		
			230—255	Effect III		

DMX CHANNEL VALUE TABLE 2

Model and Name	Channel	function	Value	Description	
			230—255	Effect III	
	CH3	Speed	0—255	Effect speed adjustment	
	CH4	Motor	0—79	Place	
			80—159	Jitter	
			160—207	Forward	
			208—255	Reversal	
			0—30	N/A	
	CH5	Auto / Sound Activation	31—180	Auto	
			181—255	Sound Activation	
			0—7	Off	
	HPD-LED-DIAMOND	CH1	Strobe	8—255	Strobe (slow—fast)
		CH2	Color	0—22	Off
23—45				Red	
46—68				Green	
69—91				Blue	
92—114				Red+ Green	
115—137				Green+ Blue	
138—160				Red+ Blue	
161—183				Red+ Green+ Blue	
184—206				Effect I	
207—229				Effect II	
230—255				Effect III	
CH3				Speed	0—255

Model and Name	Channel	function	Value	Description	
	CH4	Motor	0—79	Place	
			80—159	Jitter	
			160—207	Forward	
			208—255	Reversal	
	CH5	Auto / Sound Activation	0—30	N/A	
			31—180	Auto	
			181—255	Sound Activation	
	HPD-LED-WATER	CH1	Strobe	8—255	Strobe (slow—fast)
		CH2	Color	0—22	Off
				23—45	Red
				46—68	Green
				69—91	Blue
92—114				Red+ Green	
115—137				Green+ Blue	
138—160				Red+ Blue	
161—183				Red+ Green+ Blue	
184—206				Effect I	
207—229				Effect II	
230—255				Effect III	
CH3				WATER RIPPLE Mirro	0—159
		160—207	Rorward		
		208—255	Reversal		

DMX CHANNEL VALUE TABLE 3

Model and Name	Channel	function	Value	Description		
HPD-LED-BEAM	CH4	Auto / Sound Activation	0—30	N/A		
			31—180	Auto		
			181—255	Sound Activation		
	CH1	Strobe	0—7	Off		
			8—255	Strobe (slow—fast)		
			CH2	Motor	0—255	Place
	CH3	Motor speed	0—255	Fast—Slow		
			CH4	Auto / Sound Activation	0—30	N/A
					31—180	Auto
181—255	Sound Activation					
HPD-LED-FLOWER	CH1	Strobe	0—7	Off		
			8—255	Strobe (slow—fast)		
	CH2	Gobo Wheel	0—79	Place		
			80—159	Jitter		
			160—207	Forward		
			208—255	Reversal		
	CH3	Color Plate	0—159	Color Selection		
			160—215	Forward		
			216—255	Reversal		
	CH4	Auto / Sound Activation	0—30	N/A		
			31—180	Auto		
			181—255	Sound Activation		

Model and Name	Channel	function	Value	Description
HPD-LSR-FIREFLY	CH1	Strobe	0—7	Off
			8—255	Strobe (slow—fast)
	CH2	Laser Color	0—31	Off
			32—63	Jumping Change
			64—127	Red
			128—191	Green
			192—255	Red + Green
	CH3	Motor Mode	0—79	Place
			80—159	Jitter
			160—207	Forward
			208—255	Reversal
			CH4	Auto / Sound Activation
31—180	Auto			
181—255	Sound Activation			
HPD-LSR-GRILLE	CH1	Strobe	0—7	Off
			8—255	Strobe (slow—fast)
	CH2	Laser Color	0—31	Off
			32—63	Jumping Change
			64—127	Red
			128—191	Green
			192—255	Red + Green
			0—79	Place

Model and Name	Channel	function	Value	Description
	CH3	Motor Mode	80—159	Jitter
			160—207	Forward
			208—255	Reversal
	CH4	Auto / Sound Activation	0—30	N/A
			31—180	Auto
			181—255	Sound Activation

Clearing and maintenance:

Please disconnect the power before disassemble and maintain the light. It's important to keep the light clean which can maintain the maximum brightness output and prolong its working life. It's recommended to clean the light with lint-free cloth and high-quality glass cleaner. Do not clean with alcohol or chemical solvents

When the light doesn't work, please contact professional person to repair it. Do not disassemble it by yourself.