Avilexx

Professional future based lighting

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Battery powered
Lighting

Wireless DMX

Avilexx

Avilexx

Professional future based lighting

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AV-50B
battery

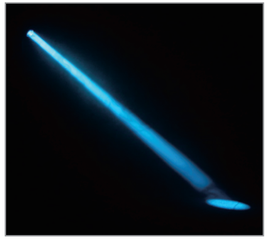
BEAM

MOVING HEAD BEAM

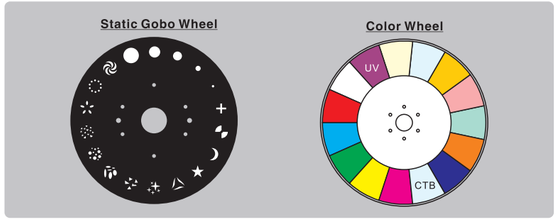
Battery Power | LED | Wireless Control | Eco-Friendly | 512 DMX | BEAM | Master Slave | Atuo Mode | Sound Mode | IR Control

[Products Features]

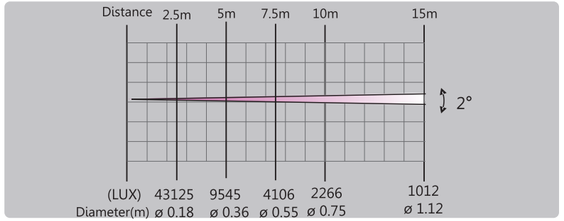
- ◆IR/RF Control
- ◆Endurance battery moving head beam
- ◆8-Facet prism with variable speed and direction
- ◆0-100% Linear LED dimmer
- ◆28T/sec high speed LED shutter/strobe effect with variable speed
- ◆Preset variable/random strobe and dimming pulse effect
- ◆Wireless control （W-DMX）



[Gobo & Color]



[Photometrics Diagram]



[Products Parameters]

Product Number	BA-50G
Light Source	50W LED(7500K), 50000 hours lifespan
Optic System	High precision glass optic system with 2°projection angle
Input Voltage	AC90-260V 50/60Hz
Power Consumption	178W(charge state); 78W(non-charged state)
Battery type	Lithium ion
Battery charge time	5.5 hours（0-100%）
Max-endurance	8 hours(Full power), 8~12 hours(built-in program)
Battery protection	Short circuit protection, over current protection,overflow charging

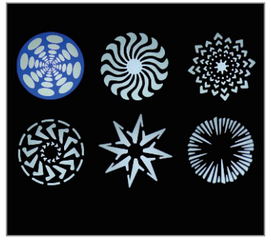
Control Signal	DMX512,master-slaveandsoundactivated, autooperation,wireless
DMX Input/Output	XLR 3-Pin Male/XLR 3-Pin Female
DMX Mode	12/10 DMX channels USITT DMX-512
Pan/Tilt Movement	360°/540°/630° PAN ,90°/180°/270° TILT
Color Wheel	1 Color wheel with 14 colors plus open
Gobo Wheel	1 Static gobo wheel with 17 gobos plus open
Cooling system	Low noise fan
Display	2.4" TFT LCD display
Dimension	38.5X30.6X22.4cm
Packaging Dimension	40X29X44.5cm
Net Weight	11.2kgs
Gross Weight	13.2kgs

AV-50S
battery

SPOT

[Products Features]

- ◆IR/RF Control
- ◆2.5-15m electronic focus
- ◆3-Facet prism with variable speed and direction
- ◆0-100% Linear LED dimmer
- ◆28T/sec high speed LED strobe effect with variable speed
- ◆Wireless control （W-DMX）

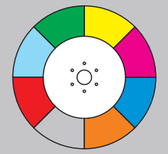


Battery Power | LED | Wireless Control | Eco-Friendly | 512 DMX | SPOT | Master Slave | Atuo Mode | Sound Mode | IR Control

[Gobo & Color]

Static Gobo Wheel

Color Wheel



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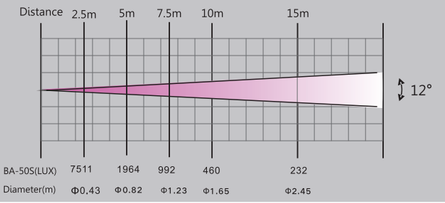


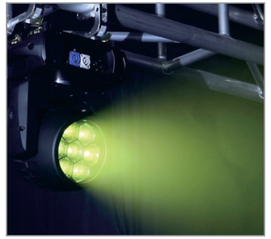
[Products Parameters]

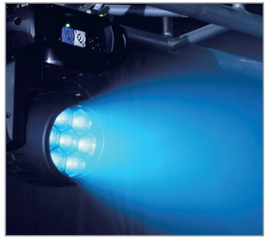
Product Number	BA-50S
Light Source	50W LED(7500K), 50000 hours lifespan
Optic System	High precision fresnel optic system with 12°projection angle
Input Voltage	AC90-260V 50/60Hz
Power Consumption	190W(charge state); 90W(non-charged state)
Battery type	Lithium ion
Battery charge time	5.5 hours（0-100%）
Max-endurance	8 hours(Full power), 8~12 hours(built-in program)
Battery protection	Short circuit protection, over current protection,overflow charging

Control Signal	DMX512,master-slaveandsound activated, auto operation,wireless
DMX Input/Output	XLR 3-Pin Male/XLR 3-Pin Female
DMX Mode	13/11 DMX channels USITT DMX-512
Pan/Tilt Movement	360°/540°/630° PAN ,90°/180°/270° TILT
Color Wheel	1 Color wheel with 7colors plus open
Gobo Wheel	1 Static gobo wheel with 6gobos plu[illegible]en
Cooling system	Low noise fan
Display	2.4" TFT LCD display
Dimension	38.5X38X22cm
Packaging Dimension	40X29X44.5cm
Net Weight	10.6kgs
Gross Weight	12.6kgs

AV-710W
battery

Wash

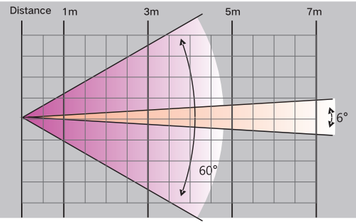




[Products Features]

- ◆IR/RF Control
- ◆Full pixel controllable
- ◆Color temperature Liner up and down in 2700-8000K
- ◆Fast,smooth and quiet motorized zoom with 6 ° -60 ° range
- ◆Even,soft edge and pure color mixing coverage
- ◆Various Built-in programs and macro effect for easy operations
- ◆Wireless control （W-DMX）

[Photometrics Diagram]



Distance		1m	3m	5m	7m
6° (LUX)	R	10448	1719	581	330
	G	14415	2446	950	476
	B	158700	2896	1117	555
	W	17940	3438	1282	727
	RGBW	50600	9733	3681	1983
60° (LUX)	R	952	139	73	69
	G	1362	193	78	75
	B	1494	206	100	79
	W	1785	236	115	90
	RGBW	5144	621	260	172

[Products Parameters]

Product Number	BA-710
Light Source	7pcs*10W RGBW LEDs
Zoom Angle	6 ° -60 °
Input Voltage	AC90-260V 50/60Hz
Power Consumption	200W(charge state); 90W(non-charged state)
Battery type	Lithium ion
Battery charge time	5.5 hours（0-100%）
Max-endurance	8 hours(Full power), 8~12 hours(built-in program)
Battery protection	Short circuit protection, over current protection,overflow charging

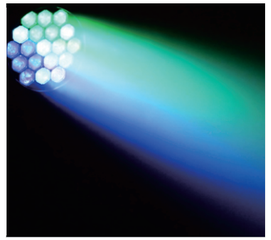
Control Signal	DMX512,master-slaveandsound activated, auto operation,wireless
DMX Input/Output	XLR 3-Pin Male/XLR 3-Pin Female
DMX Mode	13/15 DMX channels USITT DMX-512
Pan/Tilt Movement	360°/540°/630° PAN ,90°/180°/270° TILT
Cooling system	Low noise fan
Display	2.4" TFT LCD display
Dimension	30.6X35.8X22.4cm
Packaging Dimension	40X29X44.5cm
Net Weight	10.5kgs
Gross Weight	12.5kgs

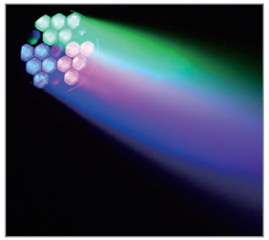
AV-1910W
battery

Wash

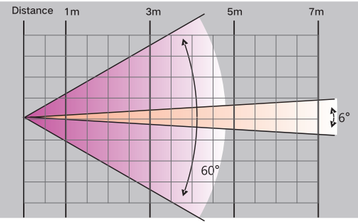
[Products Features]

- ◆IR/RF Control
- ◆4 Group module controllable
- ◆Color temperature Liner up and down in 2700-8000K
- ◆Fast,smooth and quiet motorized zoom with 6 ° -60 ° range
- ◆Even,soft edge and pure color mixing coverage
- ◆0-100% Linear LED dimmer
- ◆Wireless control （W-DMX）





[Photometrics Diagram]



Distance		1m	3m	5m	7m
6° (LUX)	R	16100	2990	1035	403
	G	26450	4600	1495	575
	B	27600	5175	1725	644
	W	33350	6440	1955	725
	RGBW	98900	18055	6210	2530
60° (LUX)	R	1495	161	69	
	G	2415	253	109	
	B	2645	299	115	
	W	2875	322	132	
	RGBW	8625	1093	403	

[Products Parameters]

Product Number	BA-1910G
Light Source	19pcs*10W RGBW LEDs
Zoom Angle	6 ° -60 °
Input Voltage	AC90-260V 50/60Hz
Power Consumption	275W(charge state); 210W(non-charged state)
Battery type	Lithium ion
Battery charge time	8 hours（0-100%）
Max-endurance	8 hours(Full power), 8~12 hours(built-in program)
Battery protection	Short circuit protection, over current protection,overflow charging

Control Signal	DMX512,master-slaveandsound activated, auto operation,wireless
DMX Input/Output	XLR 3-Pin Male/XLR 3-Pin Female
DMX Mode	16/22/38 DMX channels USITT DMX-512
Pan/Tilt Movement	360°/540°/630° PAN ,90°/180°/270° TILT
Cooling system	Low noise fan
Display	2.4" TFT LCD display
Dimension	41X27X48.6cm
Packaging Dimension	50X34X60cm
Net Weight	17.8kgs
Gross Weight	20.4kgs

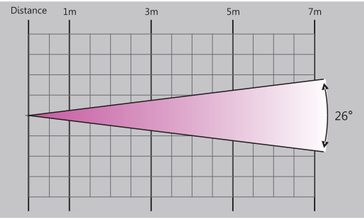
AV-60C
battery

COB

[Products Features]

- ◆IR/RF Control
- ◆High performance LED strobe
- ◆Strobe effect with 28 flashes per second and pulse effect
- ◆0-100% Linear LED dimmer
- ◆Scan function reset, all function reset.
- ◆Preset variable/random strobe and dimming pulse effect
- ◆Wireless control （W-DMX）

[Photometrics Diagram]



Distance (LUX)	1m	3m	5m	7m
R	8260	1050	490	231
G	8400	1190	546	259
B	10500	1400	616	301
W	12600	1680	749	350
RGBW	37590	4620	1750	938

[Products Parameters]

Product Number	BA-60W
Light Source	1*60W 4 in 1RGBW LED
Zoom Angle	26 °
Input Voltage	AC90-260V 50/60Hz
Power Consumption	180W(charge state); 80W(non-charged state)
Battery type	Lithium ion
Battery charge time	5.5 hours（0-100%）
Max-endurance	8 hours(Full power), 8~12 hours(built-in program)
Battery protection	Short circuit protection, over current protection,overflow charging

Control Signal	DMX512,master-slaveandsound activated, auto operation,wireless
DMX Input/Output	XLR 3-Pin Male/XLR 3-Pin Female
DMX Mode	12/10 DMX channels USITT DMX-512
Pan/Tilt Movement	360°/540°/630° PAN ,90°/180°/270° TILT
Cooling system	Low noise fan
Display	2.4" TFT LCD display
Dimension	38.5X30.6X22.4cm
Packaging Dimension	40X29X44.5cm
Net Weight	9.5kgs
Gross Weight	11.5kgs

AV-1205 battery

PAR

[Products Features]

- IR Control
- Infinite RGBW color mixing system and rainbow effect
- 16.7million additive RGBW colors whit full saturation control
- Built-in programs that could be called up via a DMX controller
- 25t/s strobe effect and pulse strobe effect
- 0-100% electronic dimming and blackout for all LEDs
- Wireless control （W-DMX）

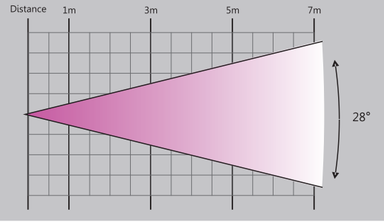
[Photometrics Spcifications:]

- LED Quantities: 12pcs*5W 4-IN-1 LEDs(RGBW)
- Input Voltage: AC90-260V 50-60Hz
- Battery type: Lithium ion
- Battery charge time: 5.5 hours(0-100%)
- Max-endurance: 8 hours(Full power) 8~12 hours(built-in program)
- Battery protection: Short circuit protection, over current protection,overow charging
- Control Signal:DMX512, master-slave and sound activated or auto operation
- Control Channel: 17/9 DMX Channels USITT DMX-512
- Dimensions: 344(D)*156(W)*337(H)mm
- Packing Dimensions: 260(D)*260(W)*370(H)mm
- Net Weight: 7.44kgs
- Gross Weight: 8.44kgs

[Products Parameters]

- 50,000 hours life span and low power consumption
- Aluminum die-casting structure design with optimum
- Cooling system
- Infinite RGBW color mixing system and rainbow effect
- 16.7million additive RGBW colors whit full saturation control
- Built-in programs that could be called up via a DMX controller
- 25t/s strobe effect and pulse strobe effect
- 0-100% electronic dimming and blackout for all LEDs
- 4-button LED display on rear panel
- Dual bracket system available for setting the fixture on the ground or hanging
- Linkable via 3-Pin XLR cables
- Overheat protection
- -0 ° C ~ 45 ° C max ambient temperature
- TO.8A fuse

[Photometrics Diagram]



Distance (LUX)	1m	3m	5m	7m
R	7700	1000	310	220
G	5400	730	240	170
B	7900	1010	300	200
W	9000	1400	440	280
RGBW	31000	35000	1200	730

AV-0612U
battery
UPLIGHT

[Products Features]

- IR Control
- Infinite RGBW color mixing system and rainbow effect
- 16.7million additive RGBW colors whit full saturation control
- Built-in programs that could be called up via a DMX controller
- 25t/s strobe effect and pulse strobe effect
- 0-100% electronic dimming and blackout for all LEDs
- Wireless control （W-DMX）

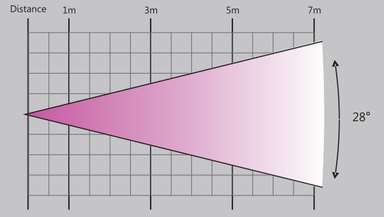
[Photometrics Spcifications:]

- LED Quantities: 18pcs*5W 4-IN-1 LEDs(RGBW)
- Input Voltage: AC90-260V 50-60Hz
- Battery type: Lithium ion
- Battery charge time: 5.5 hours(0-100%)
- Max-endurance: 8 hours(Full power)
- 8~12 hours(built-in program)
- Battery protection: Short circuit protection, over current protection,over ow charging
- Control Signal:DMX512, master-slave and sound activated or auto operation
- Control Channel: 17/9 DMX Channels USITT DMX-512
- Dimensions: 344(D)*156(W)*337(H)mm
- Packing Dimensions: 260(D)*260(W)*370(H)mm
- Net Weight: 7.64kgs
- Gross Weight: 8.64kgs

[Products Parameters]

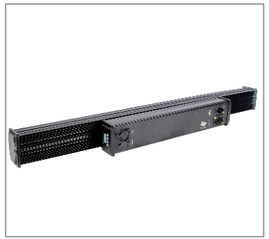
- 50,000 hours life span and low power consumption
- Aluminum die-casting structure design with optimum
- Cooling system
- Infinite RGBW color mixing system and rainbow effect
- 16.7million additive RGBW colors whit full saturation control
- Built-in programs that could be called up via a DMX controller
- 25t/s strobe effect and pulse strobe effect
- 0-100% electronic dimming and blackout for all LEDs
- 4-button LED display on rear panel
- Dual bracket system available for setting the fixture on the ground or hanging
- Linkable via 3-Pin XLR cables
- Overheat protection
- -0 ° C ~ 45 ° C max ambient temperature
- TO.8A fuse

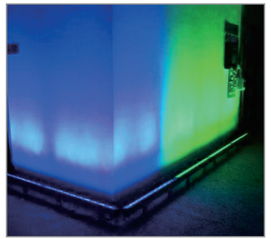
[Photometrics Diagram]



Distance (LUX)	1m	3m	5m	7m
R	9700	1370	500	250
G	7300	1060	370	230
B	10700	1700	650	310
W	15000	2200	750	400
RGBW	43000	6100	2160	1100

AV-1505
battery
BAR





[Products Features]

- IR Control
- 4-Button red LED display
- 16.7 million of color mixable
- Each LED pixel controllable
- 0-100% smooth linear electronic dimmer
- 25T/s high speed LED shutter/strove effect with variable speed
- Wireless control （W-DMX）

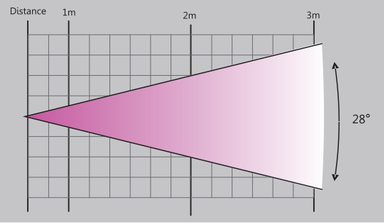
[Photometrics Spcifications:]

- Input Voltage: AC90-260V 50-60Hz
- LED Quantities: 15*5W 4-in-1 LEDs(RGB)
- Control Signal: DMX 512, master-slave and sound activated or auto operation
- Control Channel:60/15/9 DMX channel modes
- Battery type: Lithium ion
- Battery charge time: 5.5 hours(0-100%)
- Max-endurance: 8 hours(Full power)
- 8~12 hours(built-in program)
- Battery protection: Short circuit protection, over current protection,overflow charging
- Dimensions:96(D)*1020(W)*183(H)mm
- Packing Dimensions: 126(D)*1120(W)*263(H)mm
- Net Weight: 8.26kg
- Gross Weight: 9.26kg
-

[Products Parameters]

- 16.7 million of color mixable
- Each LED pixel controllable
- 50,000 hours life span and lower power consumption
- Stunning light output with high intensity and high color rendering index
- 0-100% smooth linear electronic dimmer
- Flicker free control capacity
- 25T/s high speed LED shutter/strove effect with variable speed
- Dynamic macro effect with variable speed
- foreground colors changeable ,available for strobe effect together
- DMX512, master-slave and sound activated controllable or auto operation
- Rugged, die cast aluminum alloy, compact and light weight
- Noise free natural cooling system
- Front window with tempered glass
- 2 multi-positioning brackets for floor projection or hanging projections
- Manual TILT angle adjustment
- 4-Button red LED display

[Photometrics Diagram]



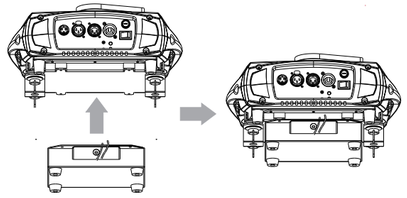
Distance (LUX)	1m	2m	3m
R	1810	461	805
G	3220	244	370
B	430	111	53

What IS EXTERNAL BATTERY?

[About External battery]

Battery expansion(2 versions) used with Brighten Battery Moving Head to extend the fixture using time. Easy installed and performed. It is possible to enjoy an event for even a whole day Wirelessly.

EB-01



[Products Introduction]

Installed under the fixture, with 10Ah capacity to back up and extend time effectively. Li ion battery group, passed various tests, charging current test, current overload test and so on to ensure the safety.

EB-02

[Products Features]

Big capacity external battery, 30Ah improved endurance largely. High efficiency remains electricity power display, to plan your event lighting program better.

AV-WDMX

[Products Introduction]

DMX512 wireless receiver/transmitter transmit standard DMX512 protocol data by wireless way, which solve lighting control issues of wireless transmitting completely between console and lighting, lighting and lighting and so on, It get rid of connecting cable limited completely. And alsocan ensure without any time delay when signal data is transmitting, signal data is real time and reliably.
WI-LAD adopt global opening 2.4G ISM frequency section without permission limited High effective GFSK modulate,communication design is126 channels jumping frenquecy,high anti-jamming ability

[Products Parameters]

2.4G DMX512 wireless receiver/transmitter
2*8 bit LCD to display working condition and parameter
4 level power rate output for option.
126 channels jumping frequency self-moving,self-moving to
option non-interfere frequency section, ensuring communication
is reliable.
16 groups ID coding for setting,User can use 16 groups
individual wireless net with out any interfere each other in the
same place.
3PIN male-female connectors

[Products Specifications]

Input Voltage: 9-12VDC 300MA MIN
Communication distances: 400M (visible distance)
Working frequency: 2.4G ISM,126 channels
Max transmitting power rate: 20dBm
Receive sensitive: -94dBm
Dimensions: 75(D)*147(W)*43(H)mm
Packing Dimensions: 154(D)*163(W)*70(H)mm
Net weight: 0.36kg
Gross Weight: 0.46kg

WI-XLR

[Products Features]

DMX512 wireless receiver/transmitter transmits standard DMX512 protocol data (generated by console)by wireless way, which solves lighting control issues of wireless transmitting completely between console and lighting, lighting and lighting and so on, It get rid of connecting cable limited completely. And it also can ensure without any time delay when signal data is transmitting, signal data is real time and reliably.
WI-XLR adopt 2.4G ISM frequency section(global opening section) without permission limited High effective GFSK modulate, communication design ; 126 channels jumping frenquecy automaticly,high anti-jamming ability.

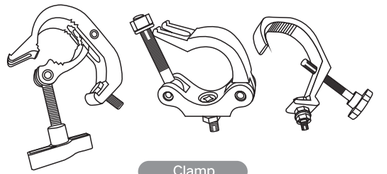
[Products Parameters]

2.4G wireless DMX512 R/T
Tricolor LED display
126 channels jumping frenquecy automaticly,high anti-jamming
ability. to ensure works reliability
7 groups ID code settable,User can use 7 groups individual
wireless net without any interfere each other in the same place...
3-pin female connector

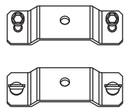
[Products Specifications]

Input Voltage: 9-12VDC 300MA MIN
Communication distances: 400M (visible distance)
Working frequency: 2.4G ISM,126 channels
Max transmitting power rate: 20dBm
Receive sensitive: -94dBm
Dimensions: 16(D)*135(W)*96(H)mm
Packing Dimensions: 107(D)*150(W)*55(H)mm
Net weight: 0.26kg
Gross Weight: 0.36kg

ACCESSORIES

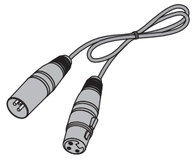


Clamp



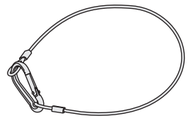
Hanging Kit

Power Out

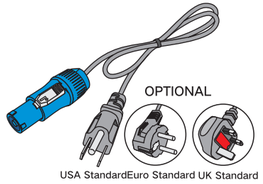


Signal Cable

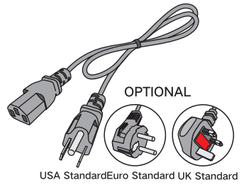
Signal Converted Cable



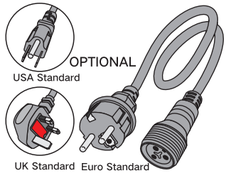
Safety Chain



Power Cable(Powercon)



Power Cable(IEC)



Power Cable(IP rated)

Note: The clamps are optional. All others are standard accessories.

Flight Cases:
Please check with sales for details. Different types of cases are available for each model or could be customized.

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Specifications are subject to change without prior notice.

ICONS

This fixture is powered by rechargeable high-capacity batteries.

This device is compatible with all WIFI standards.

Featuring an IR sensor, this fixture allows contr ol with a handheld IR remote.

Adding white LEDs to the RGB system produces more contrast and definition and enhances the RGB generated white and pastel colours.

In "auto" mode, the fixture uses build-in program mes to control its functions. There is no need for a lighting console.

In “sound to light" mode, the fixture is controlled by a build-in microphone caturing sounds to act ivate color changes, e.g. the beat of the music.

Simply put,this fixture is able to control or be controlled by other fixtures,in"master" mode and firist in a chain, the fixture acts as a controller for fixtures ("slaves")that are connected to its output of a lighting console or "master,"Fixtures that are daisy-chained to a slave's output also act as slaves.

LEDS are extremely advantageous for the use in lighting systems:they are bright, emit very little heat, have a very long lifetime and low energy consumption .Also, LED fixtures sften weigh less than conventional fixtures.

With highly efficient energy use,a very long LED lifitime and low heat emission,this fixture is environmentally friendly.

Motorized zoom to vary its beam angle.

Beam effect with stout and powerful light

Spot effect with multiple light patterns which are great for most sized applications.

Wash effect with pure color mixing.

Created in 1986,DMX512 is a communications standard for lighting equipmengt. up to 32 DMX fixtures can be daisy-chained and controlled by a dedicated source,e,g,a lighting console, In a DMX512 daisy chain "network",the controller is called "master"while the daisy-chained fixtures are the "slaves."