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2026

专业LED控制器研发制造商
Professional LED controller R&D and manufacturer

LED CONTROLLER



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COMPANY INTRODUCTION

公司简介



珠海缤彩电子科技有限公司成立于2010年5月，是一家致力于LED控制系统研制生产的高科技企业。公司核心团队拥有多年丰富的行业经验和强大的研发实力，我们研制的产品在户外广告牌、大楼亮化工程、室内装饰照明等场合得到了广泛应用。

缤彩科技坚持“科技为本，客户为尊”的经营理念，以“品质立业，创新发展”的理念研发、生产产品，为客户提供细致周到的服务。我们依靠自身雄厚的技术力量以及不断完善的质保、生产、销售及服务体系，致力提供一流产品和最佳解决方案，为客户创造价值。

客户的成功才是我们的成功，缤彩科技以专业的产品，诚信的合作来对待每一位客户，愿与广大客户共创辉煌！

Zhuhai Bicolor Electronic Technology Co., Ltd. is founded in May, 2010, it is a high-tech enterprise which is dedicated to development and manufacturing of LED control systems. Bicolor has a core team with many years extensive industry experience, and strong research and development strength in the LED field. Our products are widely used on various occasions such as billboards, building lighting engineering, indoor decoration lighting, etc.

We insist on Management ideas of "technology-based, customer-respect", and we develop and produce our products based on the concept of "quality first, innovation and development". Moreover, we provide customers with attentive service. Relying on our strong technical force and the continuous improvement of quality assurance, production, sales and service system, we are able to provide first-class products, best solutions, and thus create values for customers.

Customer's success is our success. Bicolor technology is committed to professional products and honesty cooperation to treat every customer, and is willing to create a mutual brilliant future with all the customers.

Our products meet international standards, OEM and ODM orders are welcome.

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Certification & Patent 证书与专利

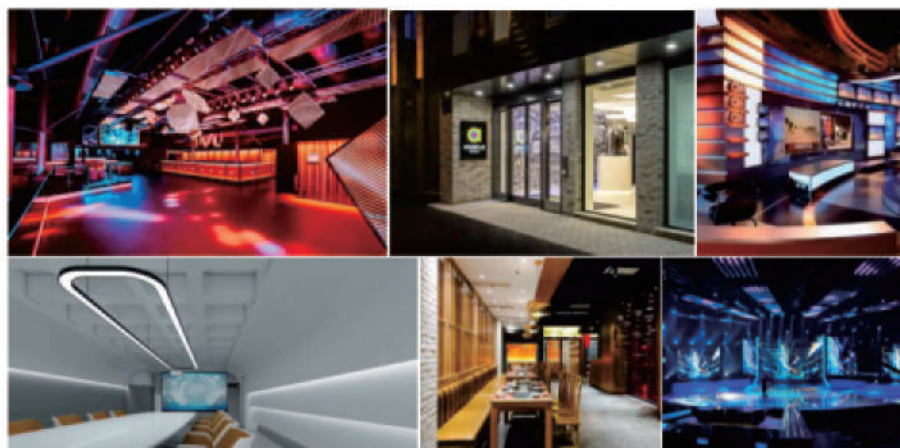


Staff Charisma 员工风采



PROJECT CASES

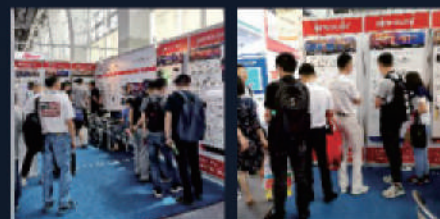
工程案例



0-10V/Artnet-SPI/DMX/DALI/TUYA

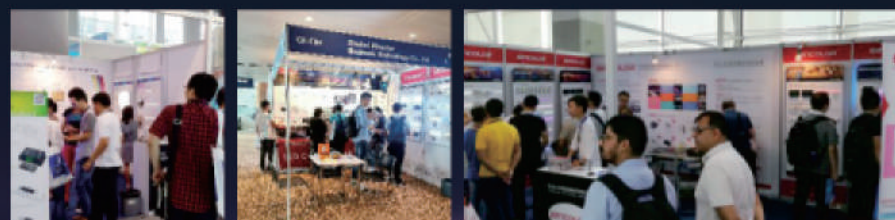
We are leading manufacturer of LED controllers

专注于LED控制系统和调光系统, 致力提供一流的产品和最佳灯光解决方案



Exhibition Moments

展会风采



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DMX512 Signal Converter BC-835-010V-DIN DMX512 Signal Converter BC-835-010V-DIN-R145 DMX512 Decoder BC-831/833/834/835-DIN



DMX512 Decoder BC-831/833/834/835-DIN-R145 DMX512 Signal Amplifier BC-812-DIN DMX512 Signal Amplifier BC-812-DIN-R145 LED PWM Repeater BC-963/964/965-DIN

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R3 (CV 3A X 3CH) R4 (CV 5A X 4CH) R3M (CV 3A X 3CH) R4M (CV 5A X 4CH) R4-24G (CV 5A X 4CH) R4-CC-433M/24G (CC 350/700mA X 4CH)

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T1-K1-010V/
PWMSV/PWM10V

T1-R1-010V/
PWMSV/PWM10V

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(CV 6A×1CH)

BC-331-10A
(CV 10A×1CH)

BC-331-16A
(CV 16A×1CH)

BC-330-10A
(CV 10A×1CH)

BC-330-5A
(CV 5A×3CH)

DALI Dimming Driver | Dimming Signal Converter (DALI 调光驱动器 | 调光信号转换器) 27-28



BC-341-LED
(CV 10A×1CH)

BC-343-LED
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BC-344-LED
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BC-834-010V/PWMSV/PWM10V
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BC-831
(CV 10A×1CH)

BC-831-CC
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BC-832
(CV 8A×2CH)

BC-833
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BC-834
(RGB:3A×3CH W:9A×1CH or 5A×4CH)



BC-803
(CV 5A×3CH)



BC-824
(CV 3A×24CH)



BC-853/853-CC
(CV 6A×3CH)
(CC 350/700mA×3CH)



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BC-854/854-CC
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BC-818

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BC-870

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BC-820

BC-802: 6803/8806/1809/9813/
3001/2801/1814/6812

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BC-961
(CV 10A×1CH)

BC-962
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BC-963
(CV 5A×3CH)

BC-964
(CV RGB:3A×3CH W:9A×1CH
or 5A×4CH)

BC-960-5A
(CV 5A×3CH)

BC-960-8A
(CV 8A×3CH)

BC-960-10A
(CV 10A×1CH)

BC-981
(CV 10A×1CH)

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BC-294

BC-1R01

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ArtNet-DMX512 Controller ArtNet-DMX512 控制器

支持8个定时播放, 16个录制效果
Support 8 timing play, 16 recording effects



OLED screen
OLED液晶菜单



Online upgrade
在线升级



SD record/play function
录制/播放功能



Micro SD 8G card
Micro 8G内存卡

- With OLED screen, easy to operate.
- Support Ethernet DMX protocol ArtNet.
- Support online firmware upgrade.
- Built-in test mode, SD record/play function.
- Use a DMX output with indicator light, easy to operate.
- Support maximum capacity Micro SD8G memory card (equipped).
- OLED液晶菜单显示及方盘按键, 操作清晰简单方便。
- 支持网络DMX协议ArtNet.
- 支持在线固件升级。
- 内置测试模式, SD卡录制/播放功能。
- 拥有直观DMX输出指示灯更易操作。
- 可支持最大容量的Micro SD8G内存卡 (已配备)。

Model	DMX4	型号	DMX4
Input voltage	DC9V(With adapter)	输入电源	DC9V(配美式或欧式电源适配器)
Input signal	ArtNet	输入信号	ArtNet
Output signal	4CH DMX512 signal	输出信号	4CH DMX512 signal
Dimension	L145×W78.4×H29.4(mm)	产品尺寸	L145×W78.4×H29.4(mm)
Weight(G.W)	410g	产品重量	410g

ArtNet-SPI/DMX Pixel Light Controller

ArtNet-SPI/DMX 像素灯控制器

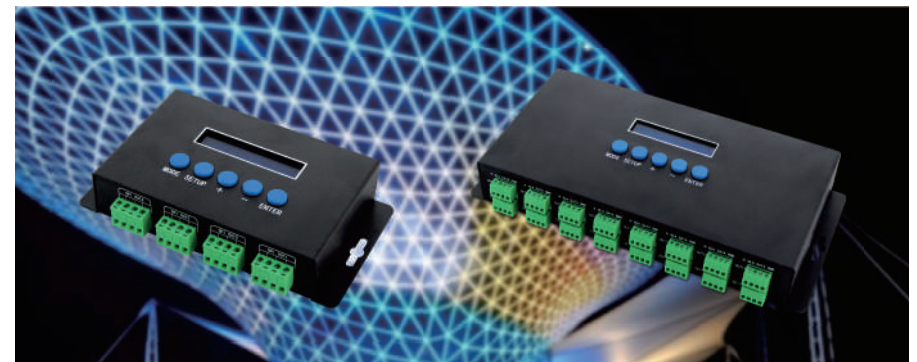
Product Introduction:

This Ethernet-SPI/DMX pixel light controller is dedicated to converting the Ethernet signal into SPI pixel signal, which is designed for large project with high-density pixel light, such as matrix panel lights, construction's contour lamp, etc. Besides converting Ethernet-based control protocols into various LED driving chip signal, it also outputs DMX512 signal at the same time, convenient for the connection of different types of led lamp, and to achieve the unified control of all kinds of led lamp in the same project.

该款Ethernet-SPI/DMX像素灯控制器是一款将以太网信号转成SPI像素的控制器,它是专为大型的高密度像素灯工程而设计,如矩阵面板灯,建筑的外形轮廓灯等。它把基于以太网的控制协议转化为各种像素灯芯片的控制信号,同时还附加输出DMX512信号,方便用户接入不同种类的灯具,实现对工程上所有灯具的统一控制。

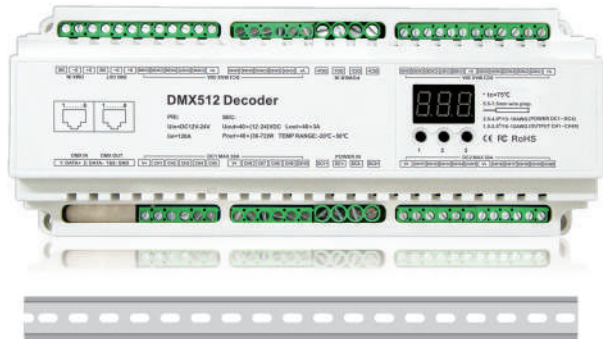
Support Ethernet DMX protocol ArtNet, E1.31

支持网络DMX协议ArtNet, E1.31



Model 型号	BC-204	BC-216
Working Voltage 工作电压	DC5V-DC24V	DC5V-DC24V
Output Current 输出电流	7A×4CH(Built-in 7.5A fuse) 7A×4CH(内置7.5A保险丝)	3A×16CH(Built-in 5A fuse) 3A×16CH(内置5A保险丝)
Input Ethernet control protocol 以太网控制协议	V1: ArtNet V2: ArtNet, sACN(E1.31) V1版本: ArtNet V2版本: ArtNet, sACN(E1.31)	V1: ArtNet V2: ArtNet, sACN(E1.31) V1版本: ArtNet V2版本: ArtNet, sACN(E1.31)
Output Control Chip 输出控制IC型号	2811/8904/6812/2904/1814/1914/5603/9812/APA102 /2812/9813/3001/8806/6803/2801	2811/8904/6812/2904/1814/1914/5603/9812/APA102 /2812/9813/3001/8806/6803/2801
Control Pixels 控制像素点	RGB: 680 Pixels × 4CH RGB: 680像素点 × 4CH	RGBW: 512 Pixels × 4CH RGBW: 512像素点 × 4CH
Output DMX512 输出DMX512	One port(1X512 Channels)	Two port(2X512 Channels)
Working Temp 工作温度	-20~55°C	-20~55°C
Product Dimension 产品尺寸	L166×W111.5×H31(mm)	L260×W146.5×H40.5(mm)
Weight(G.W) 产品重量	510g	1100g

40/32/24CH DIN Rail High Power DMX512 Decoder 导轨式大功率DMX512解码器



DIN Rail Size: TS-35/7.5 or TS-35/15
导轨尺寸: TS35/7.5或TS-35/15

POINTS
产品亮点

8 bit / 16 bit
3-digital-display shows DMX address code
DIN Rail & Screw dual-use
4096 grey scales each, flicker free
Wrong wiring protection at DMX input port
Power loss memory function.

8 bit / 16 bit
3位数码管显示DMX地址码
导轨/螺丝两用型安装方式
每路4096级灰度, 调光无频闪
DMX信号接错线保护, 掉电记忆功能。



Model 型号	BC-640-DIN	BC-632-DIN	BC-624-DIN
Input Voltage 输入电压	DC12V-DC24V	DC12V-DC24V	DC12V-DC24V
Output Current 输出电流	3A×40CH	3A×32CH	5A×24CH
Output Power 输出功率	1440W(12V)/2880W(24V)	1152W(12V)/2304W(24V)	1440W(12V)/2880W(24V)
Input Signal 输入信号	DMX512, 8Bit, 16 Bit selectable(可选)	DMX512, 8Bit, 16 Bit selectable(可选)	DMX512, 8Bit, 16 Bit selectable(可选)
Output Signal 输出信号	Constant Voltage 恒压PWM	Constant Voltage 恒压PWM	Constant Voltage 恒压PWM
DMX512 Socket DMX512插座	RJ45/Terminal block RJ45/接线端子	RJ45/Terminal block RJ45/接线端子	RJ45/Terminal block RJ45/接线端子
Product Dimension 产品尺寸	L218×W90×H58.5(mm)	L218×W90×H58.5(mm)	L218×W90×H58.5(mm)
Weight(G.W) 产品重量	460g	440g	480g

DIN Rail & Screw Dual-Use 导轨/螺丝两用型

Product Introduction:

This series of DIN rail & screw dual controller perfectly solves the problem of fluorescent light dimming system compatible with LED lighting. It can control LED lighting with many traditional lighting intelligent dimming systems. And it meets the market demand perfectly because of its small size, convenient installation and many types of features.

该系列导轨/螺丝两用型控制器, 完美解决了荧光灯调光系统与LED照明兼容的问题, 可以与众多传统照明智能调光系统控制LED灯光, 并以其体积小、方便工程安装以及种类多的特点, 完美契合市场需求。



DMX512 Decoder
BC-831/833/834/835-DIN

DMX512 Decoder
BC-831/833/834/835-DIN-RJ45

LED PWM Repeater
BC-963/964/965-DIN

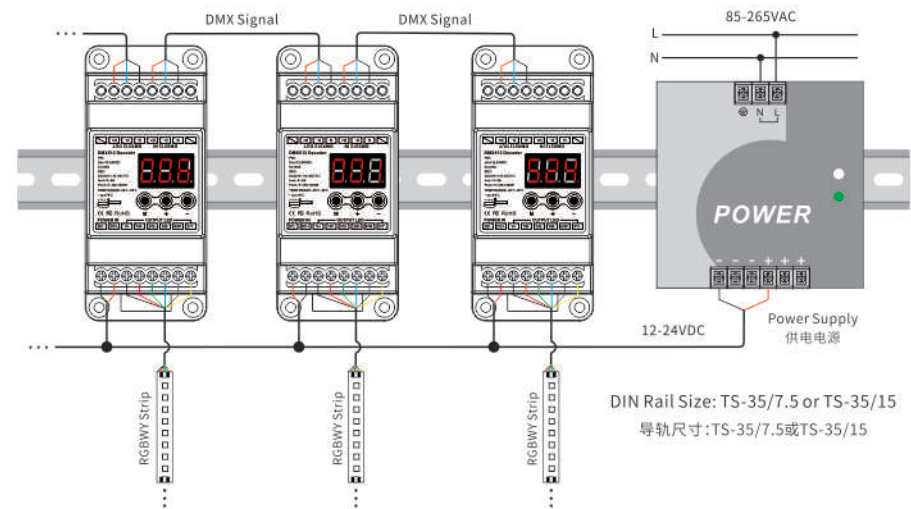
DMX512 Signal Amplifier
BC-812-DIN

DMX512 Signal Amplifier
BC-812-DIN-RJ45

DMX512 Signal Converter
BC-835-010V-DIN

DMX512 Signal Converter
BC-835-010V-DIN-RJ45

DIN Rail Conjunction Diagram (导轨接线示意图)



DIN Rail Size: TS-35/7.5 or TS-35/15
导轨尺寸: TS-35/7.5或TS-35/15

T Series Wireless Remote Control

(FCC ID: 2APBAT1)



Feature function

- Automatically adapts to LED light which works from DC12V-24V.
- The receiver can implement features such as dimming, color temperature control and RGB/RGBW.
- Using RF remote control, the wireless signal is with strong penetrating power, no limited to direction or obstacles, and can control the multi function of ON/OFF, pause, change mode, brightness and speed, etc.
- 10 strobe&fade change modes, with 4096 grey scales per channel, led lamp is more rich and vivid without flash.

功能特点

- 接收器自动适应 DC12V-24V 工作电压范围内的 LED 灯具。
- 接收器最多可兼容5款不同功能的遥控器, 实现调光, 调色温, 调RGB, RGBW。
- RF远程射频遥控, 无线信号穿透力强, 不受方向和障碍物限制, 可控制开关、暂停、变化模式, 调节亮度、速度等多种功能。
- 10种跳、渐变变化模式, 每通道4096级灰度, 调节灯光柔和细腻无频闪。

Single-zone series (单区系列)



T系列无线遥控器

(FCC ID: 2APBAT1)

Product Introduction:

These are the universal controllers for entire color changing, which adopted high-performance microchip and the most advanced PWM (Pulse-Width Modulation) controlling technology. It can control all 4-pin 3-loop LED full color lights. With 433.92M frequency RF remote control, it can accept the control of multiple remote controls, no limit to direction or obstacles. And it is available only within the valid range. With one remote control, it can control 4 zone's controllers without interfering each other.

该控制器是一款通用型高性能的整体变色功率型控制器, 采用PWM(脉宽调制)控制技术, 可控制所有共阳极四线三回路LED全彩灯饰产品。配有433.92M频段的RF遥控器, 能接受多个遥控器的控制, 不受方向和障碍物限制, 在有效距离内都能对控制器进行控制, 一个遥控器能遥控四个分区的控制器而不会相互干扰。



10 strobe&fade changing modes, with 4096 grey scales per channel, led lamp is more rich and vivid without flash
10种跳、渐变变化模式, 每通道4096级灰度, 调节灯光柔和细腻无频闪

Multi-zone series (分区系列)



Touching leads to life
触控, 引领生活



P Series Touch Panel Controller

P系列触摸面板控制器



Single-zone series can compatible with T series wireless remote control
(单区系列可搭配T系列无线遥控器)

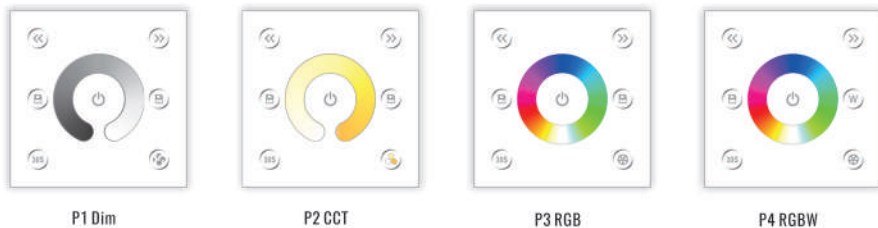


Product Introduction:

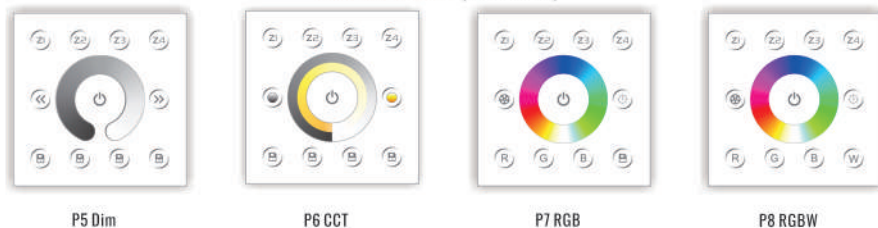
This P series touch panel controller is consist of Single zone series and Multi-zone series, it is widely used for commercial/office/household lighting, workable for dimming, color temperature, RGB and RGBW control. P5, P6, P7 and P8 are DMX512 control panels, used for DMX512 lamps, P series could satisfy the controlling demand for all kinds of LED lighting products.

P系列触摸面板控制器包括单区负载系列和分区系列，是安装于商业/办公/家居墙壁的LED照明控制器，可实现调光、调色温、RGB、RGBW四种类型，其中分区系列P5、P6、P7、P8为DMX512控制面板，可以控制DMX512灯具，此系列触摸控制器可满足于各种类型LED照明产品的控制需要。

Single-zone series (单区系列)



Multi-zone series (分区系列)



PX Series Touch Panel Controller

PX系列触摸面板控制器

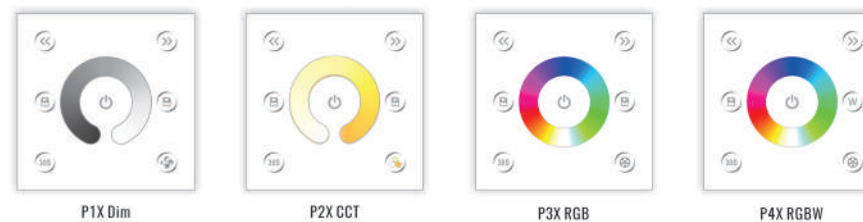


R4-2.4G(5AX4CH)

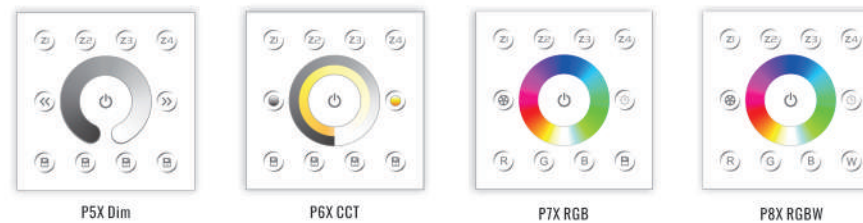


R4-CC-433M/2.4G
(350mA/700mAX4CH)

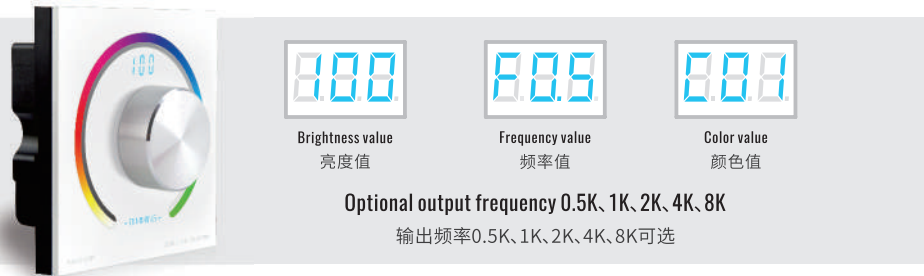
DMX512 Single-zone series (DMX512 单区系列)



DMX512 Multi-zone series (DMX512 分区系列)



K Series Rotary Controller K系列旋钮控制器



Feature function

- Automatically adapt to LED light which works from DC12V-24V.
- Fashionable appearance, simple operation, standard 86 style socket, easy to install and disassemble.
- Workable for dimming, color temperature, RGB control.
- 2048 grey scales per channel, led lamp is more rich and vivid without flash.
- Three digital tubes display the current value, more intuitive and convenient operation.
- Using Encoder rotary knob, instead of potentiometer, more durable.

功能特点

- 自动适应DC12V-24V工作电压。
- 外观时尚,操作简单,标准86型安装底座,易于安装和拆卸。
- 可实现调光、调色温、RGB三种类型。
- 每通道2048级灰度级别,调节灯光柔和细腻无频闪。
- 三位数码管显示当前数值,操作更直观方便。
- 旋钮采用编码器而非电位器,更耐用。



Waterproof Constant Voltage RGBW Controller 防水恒压型RGBW控制器



Short circuit protection 短路保护

Over current protection 过流保护

RF Remote control Rf 遥控器

WATERPROOF DMX512 Constant Voltage Decoder

防水DMX512-RDM 恒压解码器



- 4 channels output
- Automatically adapts input voltage DC12V-24V
- 4通道输出
- 自动适应DC12V-24V电压输入。

Waterproof 1-10V dimming driver

防水1-10V调光驱动器



- Compatible with major brands dimming systems interface
- 兼容各大品牌照明调光系统接口。

Waterproof 4CH high frequency Constant Voltage LED Repeater

防水4通道高频恒压型LED扩展器



- Work with LED controller, DMX512 decoder, LED dimmer for synchronous control
- 可配合LED控制器, DMX512解码器, LED调光器实现联机控制。

DIMMING/CCT/RGB/RGBCCT/RGBWXY 五路/六路控制器

Brief Introduction

Welcome to use this RGBCCT controller, which is a universal high-performance overall color-changing power controller. It can be applied to RGB_CCT constant voltage full-color lighting products with co-anode, such as LED modules, LED light strips, SMD soft light strips and other LED lamps. The controller is equipped with an RF remote control and all functions can be controlled by it.

欢迎使用此款RGBCCT路控制器,该控制器是一款通用型调色的整体变色功率型控制器,采用PWM(脉宽调制)控制技术。可适用于共阳极的RGB_CCT恒压全彩灯饰产品,如LED模组、LED灯带、SMD软灯条等LED灯具。该款控制器配有全新RF控制器,全部功能均可通过遥控器进行控制。



灯光颜色 • 随你掌控
EVERY LIGHT YOU CONTROL

OLED SCREEN / DIY COLOR / PRESET SCENES / POWER OFF SAVE FUNCTION

OLED屏显示 | DIY颜色 | 场景保存 | 掉电保存



Model 型号	BC-355	Model 型号	BC-356
Input voltage 输入电压	DC12V-DC48V	Input voltage 输入电压	DC12V-DC24V
Max load current 最大负载电流	5A X 5CH	Max load current 最大负载电流	4A X 6CH
Output power 最大输出功率	60W/CH(12V)/120W/CH(24V)/180W/CH(36V)/240W/CH(48V)	Output power 最大输出功率	288W(12V)/576W(24V)
Remote Control Distance 遥控距离	40-50M	Scale level 输入信号	4096 level X 6CH
Brightness level 亮度级别	4096 level X 5CH	Brightness level 亮度级别	0-100/0-255
Dimension 产品尺寸	L176xW46xH45.5(mm)	Dimension 产品尺寸	L176xW46xH30(mm)
Weight(G.W) 产品重量	122g	Weight(G.W) 产品重量	125g

RGB/RGBW Timer Multifunctional Controller 定时多功能控制器 BC-300

- ◆ 40 built-in Modes, 4 DIY programming Modes, 40种内置模式, 4种DIY自编模式,
- ◆ 4 combined modes and 1 decoded mode 4种组合模式, 1种解码模式

Multiple DMX512 signal interface(多种DMX512信号接口)



Rotary RGBW Controller 旋钮RGBW控制器

Feature function

- ◆ 37 changing modes such as skipping, smooth, etc., RGB 4096 grey scale levels each.
- ◆ The LED digital tube indicates current mode.
- ◆ 4 dimming rotary knobs, can DIY your favorite color.
- ◆ 5. Over current protection and short circuit protection
- ◆ 37种跳、渐变变化模式, RGB各4096灰度级。
- ◆ LED数码管显示当前花样, 速度, 亮度, 直观明了。
- ◆ 4个调光旋钮, 能DIY出你喜欢的颜色。
- ◆ 过流保护, 短路保护。



Model 型号	BC-300	Model 型号	BC-354RF
Input Voltage 输入电压	DC12V-DC36V	Input Voltage 输入电压	DC12V-DC24V
Output Current 输出电流	6A X 4CH	Output Current 输出电流	5A X 4CH
Input Signal 输入信号	DMX512	Output Power 输出功率	240W(12V)/480W(24V)
DMX Interface DMX接口	XLR-3, RJ45, Terminal block XLR-3, RJ45, 接线端子	Grey Scale 灰度级别	4096 levels X 4CH
Working temp 工作温度	-20-55°C	Remote Control Distance 遥控距离	60m without obstacle, 30m with obstacle 无障碍物60米, 有障碍物30米
Product Dimension 产品尺寸	L145 X W88 X H30(mm)	Product Dimension 产品尺寸	L176 X W46 X H30(mm)
Weight(G.W) 产品重量	376g	Weight(G.W) 产品重量	210g

More RGB controller (更多RGB控制器)



Model 型号	BC-390RF	BC-380-6A	BC-350RF
Input Voltage 输入电压	DC12V-DC24V	DC12V-DC24V	DC12V-DC24V
Output Current 输出电流	8A×3CH	6A×3CH	6A×3CH
Output Power 输出功率	290W(12V)/580W(24V)	216W(12V)/432W(24V)	216W(12V)/432W(24V)
Grey Scale 灰度级别	4096 levels×3CH	4096 levels×3CH	4096 levels×3CH
Remote Control Distance 遥控距离	60m without obstacle, 30m with obstacle 无障碍物60米, 有障碍物30米	IR remote, 10m without obstacle IR无线遥控, 无障碍10米	60m without obstacle, 30m with obstacle 无障碍物60米, 有障碍物30米
Product Dimension 产品尺寸	L165×W56×H36(mm)	L142×W73×H30(mm)	L176×W46×H30(mm)
Weight(G.W) 产品重量	210g	415g	210g

Tuya smart 5CH controller (涂鸦智能5路控制器)



Model	TY5	型号	TY5
Input Voltage	DC12V-48V	输入电压	DC12V-48V
Output Current	4A×5CH	最大负载电流	4A×5CH
Output Power	240W(12V)/ 480W(24V)/ 720W(36V) 960W(48V)	输出最大功率	240W(12V)/ 480W(24V)/ 720W(36V)/ 960W(48V)
Output	Constant Voltage PWM	输出	恒压PWM
Dimming Range	1%-100%	调光范围	1%-100%
Grey Scale	4096 levels x 5CH	灰度级别	4096级x5CH
PWM Frequency	1180Hz	PWM频率	1180Hz
Product Dimension	L176 x W46x H30(mm)	产品尺寸	L176 x W46 x H30(mm)
Weight(G.W)	120g	重量	120g

TUYA WIFI 信号调光器

Product Introduction:

This series LED color temperature controller (C&T controller) is a universal high-performance C&T controller, which adopted the most advanced PWM (Pulse-Width Modulation) digital brightness-adjusting. Changing the color temperature by adjusting two different light colors, it suits for all 2 channel LED lights.

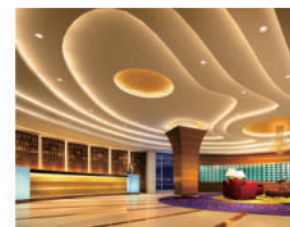
该系列LED色温控制器是一款高性能的色温控制器,采用PWM(脉宽调制)数字化亮度调节技术;通过调节两路不同颜色的LED进行色温调节,适用于控制所有采用两支路的LED照明灯具产品。它采用阻燃PC工程塑料外壳,美观大方,欢迎试用。

LED Signal Dimmer (LED信号调光器)

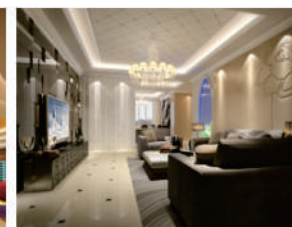


Model 型号	TY2-0/1-10V	TY2- PWM5V	TY2- PWM10V
Input Voltage 输入电压		AC85-265V	
Output Current 输出电压		AC85-265V	
Max Output Current(AC OUT) 最大输出电流		10A X 1CH	
Max Output Signal Current(OUTPUT) 输出最大信号电流		40mA x 2CH	
Output Signal 输出信号	0/1-10V Analog Signal 0/1-10V 模拟电压信号	PWM5V Signal PWM5V信号	PWM10V Signal PWM10V信号
Dimming Range 调光范围		1%-100%	
Product Dimension 产品尺寸		L176xW46xH30(mm)	
Weight(G.W) 重量		120g	

Scenario application 场景应用



Commercial lighting (商业照明)



Home lighting (家居照明)



Office lighting (办公照明)

Timer Dimmer 定时调光器

水族灯、植物灯控制器 Aquarium & Plant Light Controller

Product Introduction:

This timer dimmer is 4CH output, it can adjust the brightness based on the set time. Users also can insert a variety of special lighting change effect, which can be customized or recorded by the DMX console, simulating light change in the nature perfectly, suitable for commercial lighting, plant light and aquarium light etc.

该款定时调光器,它可以控制四路灯具,按照设置的时间进行亮度控制,并可插入多种特殊的灯光变化效果,灯光变化效果可以自定义,也可由用户使用标准DMX512控制台来录制,可以完美地模拟自然界的光线变化,可用于控制普通的商业照明,也可以用于控制植物灯,水族灯。



1 manual mode 1种手动模式

Built-in real time clock system, and can set any time & any brightness.

内置实时时钟系统,可设置任意时间,任意亮度。

4 timing mode 4种定时模式

Four-channel output, each channel can be configured and timing dim independently.

四通道输出,每通道均可独立配置,独立定时调光。

12 change effect 12种特效模式

Perfectly simulate the light changes in nature.

可完美模拟出自然界的光线变化。

4 kinds record function 4种录制功能

You can use standard DMX512 console to program and record as a special effect mode.

可使用标准的DMX控制台操作出灯光效果并录制作为特效模式。

Model	BC-322-6A	型号	BC-322-6A
Working Voltage	DC12V-DC36V	工作电压	DC12V-DC36V
Output Current	6A x 4CH	输出电流	6A x 4CH
Output Signal	PWM	输出信号	PWM
DMX Interface	XLR-3, RJ45, Terminal Block	DMX接口	XLR-3, RJ45, 接线端子
Working Temp	-22°C-55°C	工作温度	-22°C-55°C
Product Dimension	L161×W100×H30(mm)	产品尺寸	L161×W100×H30(mm)
Weight(G.W)	480g	产品重量	480g

LED Single Color Controller

LED调光器 BC-311RF

Product Introduction:

LED Dimming controller is dedicated to control single color changes (common anode), adopted the most advanced PWM (Pulse-Width Modulation) digital brightness-adjusting technology at present. Extensively used in all kinds of LED lighting decoration. It can be used together with our power repeater to achieve unlimited output power repeating. With RF remote, it can be controller in 30-60meters.

该控制器是一款通用高性能的单色功率型控制器,采用PWM(脉宽调制)控制技术,可控制单色LED灯饰产品。配有RF遥控器,能接受遥控器的控制,不受方向和障碍物限制,在有效距离内都能对控制器进行控制。



Model 型号	BC-320-6A	BC-321	BC-311RF
Input Voltage 输入电压	DC12V-48V	DC12V-24V	DC12V-24V
Output Current 输出电流	6A/CH x 1	10A/CH x 1	8A/CH x 3
Output Power 输出功率	72W(12V)/144W(24V)/ 216W(36V)/288W(48V)	120W(12V)/240W(24V)	290W(12V)/580W(24V)
Grey Scale 灰度级别	4096 levels	4096 levels	4096 levels x 3CH
Remote Control Distance 遥控距离	IR remote, 10m without obstacle 红外遥控, 无障碍10米	No 无	60m without obstacle, 30m with obstacle
Product Dimension 产品尺寸	L87×W87(mm)	L87×W87(mm)	L165×W56×H36(mm)
Weight(G.W) 产品重量	170g	150g	205g

LED Signal Dimmer LED信号调光器

Product Introduction:

This series LED signal dimmer is AC85-265V input, and output AC85-265V and 0/1-10V analog signal PWM 5V, PWM 10V signal. Easy to install, it's suitable for commercial or household standard 86 type socket base.

该系列LED信号调光器,可以直接输入AC85-265V电压,输出AC85-265V电压和0/1-10V模拟信号、PWM 5V、PWM 10V信号。安装方便,适用于商业和家庭标准86型开关插座底盒的安装。



T1+K1-010V/PWM



Model 型号	T1+K1-010V/PWM	T1+R1-010V/PWM	BC-320-010V
Input/Output Voltage 输入输出电压	AC85V-265V	AC85V-265V	AC85V-265V
Max Output current 最大输出电流	10A	10A	10A
Output Signal 输出信号	0-10V(PWM 5V/PWM 10V) × 2CH	0/1-10V/PWM 5V/PWM 10V	0-10V/PWM 5V/PWM 10V
Max Output Signal Current 最大输出信号电流	40mA × 2CH	20mA/40mA/40mA	/
Remote Control Distance 遥控距离	40-50m	40-50m	10m
Product Dimension 产品尺寸	L86 × W86 × H51mm	L135 × W30 × H20mm	L87 × W87mm
Weight(G.W) 产品重量	170g	88g	200g

More 0/1-10V Dimming Driver (更多0/1-10V调光驱动器)



Model 型号	BC-331-6A	BC-331-10A	BC-331-16A
Input Voltage 输入电压	DC12V-DC24V	DC12V-DC24V	DC12V-DC24V
Output Current 输出电流	6A × 1CH	10A × 1CH	16A × 1CH
Output Power 输出功率	72W(12V)/144W(24V)	120W(12V)/240W(24V)	192W(12V)/384W(24V)
Input Signal 输入信号	Potentiometer, active/passive 1-10V or PUSH DIM 电位器或有源、无源1-10V或PUSH DIM	0/1-10V or PUSH DIM	0/1-10V or PUSH DIM
Output Signal 输出信号	Constant Voltage PWM 恒压PWM	Constant Voltage PWM 恒压PWM	Constant Voltage PWM 恒压PWM
Product Dimension 产品尺寸	L135 × W30 × H20(mm)	L176 × W46 × H30(mm)	L176 × W46 × H30(mm)
Weight(G.W) 产品重量	48g	130g	130g

More 1-10V Dimming Driver (更多1-10V调光驱动器)



Model 型号	BC-330-10A	BC-330-5A
Input Voltage 输入电压	DC12V-DC24V	DC12V-DC24V
Output Current 输出电流	10A × 1CH	5A × 3CH
Output Power 输出功率	120W(12V)/240W(24V)	180W(12V)/360W(24V)
Input Signal 输入信号	Active/passive 1-10V or 100K potentiometer 有源/无源1-10V或100K电位	Active/passive 1-10V or 100K potentiometer 有源/无源1-10V或100K电位
Output Signal 输出信号	Constant Voltage PWM 恒压PWM	Constant Voltage PWM 恒压PWM
Product Dimension 产品尺寸	L125 × W45 × H36(mm)	L125 × W45 × H36(mm)
Weight(G.W) 产品重量	85g	100g

DALI Dimming Controller DALI 调光驱动器

Product Introduction:

This LED dimming driver series inputs standard DALI signal and adopts the most advanced DALI standard IEC62386. It can meet with any equipment in line with the DALI protocol on a bus control, and realize the LED lighting products and traditional lighting integrate within the same set of lighting system. It is with short circuit protection, over-current protection, which make the LED lamps more stable and avoid the damage of the LED lamps.

DALI系列LED调光驱动器输入标准DALI信号，采用了最新的DALI标准IEC62386，可与任何符合DALI协议的设备同接在一条总线控制，实现LED照明产品跟传统照明融合在同一套照明系统里面，还加入了输出短路、过流保护，使LED灯具更稳定工作，避免造成灯具损坏。



BC-344-LED

BC-341-LED

BC-343-LED

Model 型号	BC-341-LED	BC-343-LED	BC-344-LED
Input Voltage 输入电压	DC12V-24V	DC12V-24V	DC12V-24V
Output Current 输出电流	10A×1CH	5A×3CH	RGB:3A×3CH W:9A×1CH
Output Power 输出功率	120W(12V)240W(24V)	180W(12V)360W(24V)	RGB:36W×3CH W:108W(12V)/ RGB:72W×3CH W:216W(24V)
Input Signal 输入信号	DALI Dimming signal DALI调光信号	DALI Dimming signal DALI调光信号	DALI Dimming signal DALI调光信号
Grey Scale 灰度等级	4096 levels 4096级	4096 levels, 4096级	4096 levels 4096级
Product Dimension 产品尺寸	L176×W46×H30(mm)	L176×W46×H30(mm)	L176×W46×H30(mm)
Weight (G.W) 产品重量	125g	140g	145g
Feature Function 特点	过流保护, 短路保护 Over current protection, Short circuit protection		

Dimming Signal Converter Series 调光信号转换器

Product Introduction:

Welcome to use the DMX512 to 0-10V converter, which adopted advanced micro-computer control technology to transfer DMX512/1990 signal to 0-10V signal or PWM 10V, 5V signal. User can choose 1-4 output channels; each channel can dim with signal separate.

欢迎使用DMX512信号转换器，采用先进的微电脑控制技术，把国际上广泛采用的DMX512/1990标准数码控制信号转换成0-10V信号或10V、5V PWM信号。可选择1-4路输出通道，每通道可单独实现信号控制。

4 isolate output channels
Optical isolation protection at input port
4路独立输出转换信号，输入光电隔离保护



Model 型号	BC-834-010V	BC-834-PWM5V	BC-834-PWM10V
Input Voltage 输入电压	DC12V-24V	DC12V-24V	DC12V-24V
Input Signal 输入信号	DMX512/1990	DMX512/1990	DMX512/1990
Output Signal 输出信号	4CH 0-10V Signal 4通道0-10V信号	4CH 0-10V Signal 4通道0-10V信号	4CH 0-10V Signal 4通道0-10V信号
Max Output Signal Current 最大输出电流信号	20maX4CH	20maX4CH	20maX4CH
DMX512 Socket 插座类型	Terminal block 接线端子	Terminal block 接线端子	Terminal block 接线端子
Product Dimension 产品尺寸	L176×W46×H30(mm)	L176×W46×H30(mm)	L176×W46×H30(mm)
Weight (G.W) 产品重量	175g	175g	175g

Pixel Light Controller 像素灯控制器



无线遥控功能，可远程选择控制模式
With RF wireless remote control, can choose changing modes.

像素灯控制器 Pixel Light Controller

40种内置模式
40 built-in patterns

4种DIY自编程模式
4 DIY recording modes

4种组合模式
4 combined modes

可组合出几百种控制花样
it can combine hundreds of control patterns

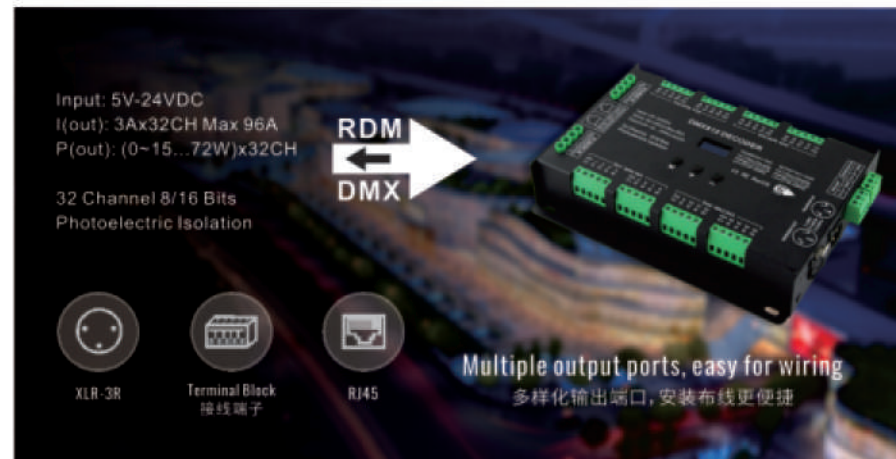
多种SPI信号输出
Multiple SPI signals output

OLED液晶菜单显示
With OLED screen

实时时钟系统
Real time clock system

Model	BC-100	型号	BC-100
Working Voltage	DC9V(With adapter)	工作电压	DC9V (配电源适配器)
Output Signal	DMX512、SPI	输出信号	DMX512、SPI
DMX interface	XLR-3,RJ45,Terminal Block	DMX接口	XLR-3,RJ45,接线端子
Working Temp	-20°C-55°C	工作温度	-20°C-55°C
Dimension	145mm x 78.4mm x 30.5mm	产品尺寸	145mm x 78.4mm x 30.5mm
Weight(G.W.)	410g	产品重量	410g

32CH DMX512/RDM Decoder DMX512/RDM解码器



Input: 5V-24VDC
I(out): 3Ax32CH Max 96A
P(out): (0~15...72W)x32CH

32 Channel 8/16 Bits
Photoelectric Isolation



XLR-3R



Terminal Block
接线端子



RJ45

Multiple output ports, easy for wiring
多样化输出端口, 安装布线更便捷

Feature function

- Selectable output frequency 1K, 2K, 4K, 8K.
- Output gamma curve can be adjusted.
- Real time OLED display.
- 32 channels output, 65536 gray scales.
- DMX decoding supports 8 bits or 16 bits.
- Optoelectronic isolation at DMX512 port, built-in amplification function.

功能特点

- 输出频率可选, 支持1K、2K、4K、8K。
- 输出gamma曲线可调整。
- OLED屏实时显示。
- 32通道输出, 65536级灰度。
- DMX解码支持8位或16位。
- DMX接口光电隔离, 自带放大功能。

Model	BC-632	型号	BC-632
Working Voltage	DC5V-DC24V	工作电压	DC5V-DC24V
Output Current	3Ax32CH	负载电流	3Ax32CH
Output Power	480W(5V)/1152W(12V)/2304W(24V)	输出功率	480W(5V)/1152W(12V)/2304W(24V)
Grey Scale	256 levels(8bit)/65536 levels(16bit)	灰度级别	256级(8bit)/65536级(16bit)
Input Signal	DMX512/RDM	输入信号	DMX512/RDM
Output Signal	Constant Voltage PWM Signal	输出信号	恒压PWM信号
Output frequency	1K, 2K, 4K, 8K selectable	输出频率	1K, 2K, 4K, 8K可选
DMX512 socket	XLR-3R/RJ45/ Terminal block	DMX512插座	XLR-3R/RJ45/接线端子
Control mode	DIM /CT /RGB /RGBW 4 modes switch	控制模式	DIM /CT /RGB /RGBW 四种模式切换

More DMX512 Power Decoder (更多DMX512功率型解码器)



Model 型号	BC-831	BC-831-CC	BC-832
Input Voltage 输入电压	DC12V-DC24V	DC12V-DC48V	DC12V-DC24V
Output Current 输出电流	10A × 1CH	350mA, 500mA, 700mA, 1050mA	8A × 2CH
Output Power 输出功率	120W(12V)/240W(24V)	12V-48V: 1-12PCS 1W(2W/3W/5W) LED	192W(12V)/384W(24V)
Input Signal 输入信号	DMX512/1990	DMX512/1990	DMX512/1990
Output Signal 输出信号	Constant Voltage PWM Signal 恒压型PWM信号	Constant Current PWM Signal 恒流型PWM信号	Constant Voltage PWM Signal 恒压型PWM信号
Grey Scale 灰度级数	4096 levels	4096 levels	4096 levels × 2CH
DMX512 Socket DMX512插座	Terminal Block 接线端子	Terminal Block 接线端子	Terminal Block 接线端子
Product Dimension 产品尺寸	L176 × W46 × H30(mm)	L176 × W46 × H30(mm)	L176 × W46 × H30(mm)
Weight(G.W) 产品重量	170g	170g	170g



Model 型号	BC-833	BC-834	BC-803
Input Voltage 输入电压	DC12V-DC24V	DC12V-DC24V	DC5V-DC24V
Output Current 输出电流	5A × 3CH	RGB: 3A × 3CH W: 9A × 1CH or 5A × 4CH	5A × 3CH
Output Power 输出功率	180W(12V)/360W(24V)	RGB: 36W × 3CH W: 108W(12V)/RGB: 72W × 3CH W: 216W(24V) or 240W(12V)/480W(24V)	75W(5V)/180W(12V)/360W(24V)
Input Signal 输入信号	DMX512/1990	DMX512/1990	DMX512/1990
Output Signal 输出信号	Constant Voltage PWM Signal 恒压型PWM信号	Constant Voltage PWM Signal 恒压型PWM信号	Constant Voltage PWM Signal 恒压型PWM信号
Grey Scale 灰度级数	4096 levels × 3CH	4096 levels × 4CH	256 levels × 3CH
DMX512 Socket DMX512插座	Terminal Block 接线端子	Terminal Block 接线端子	XLR-3R port/ RJ45 port 标准XLR-3R卡座插, RJ45网络接口
Product Dimension 产品尺寸	L176 × W46 × H30(mm)	L176 × W46 × H30(mm)	L125 × W52 × H40(mm)
Weight(G.W) 产品重量	170g	170g	315g

More DMX512 Power Decoder (更多DMX512功率型解码器)



Model 型号	BC-824	BC-853	BC-854
Input Voltage 输入电压	DC5V-DC24V	DC12V-DC48V	DC12V-DC48V
Output Current 输出电流	3A × 24CH	6A × 3CH	6A × 4CH
Output Power 输出功率	360W(5V)/860W(12V)/1720W(24V)	316W(12V)/432W(24V) 648W(36V)/864W(48V)	288W(12V)/576W(24V) 964W(36V)/1152W(48V)
Input Signal 输入信号	DMX512/1990	DMX512/1990	DMX512/1990
Output Signal 输出信号	Constant Voltage PWM Signal 恒压型PWM信号	Constant Voltage PWM Signal 恒压型PWM信号	Constant Voltage PWM Signal 恒压型PWM信号
Grey Scale 灰度级数	4096 levels	4096 levels × 3CH	4096 levels × 4CH
DMX512 Socket DMX512插座	XLR-3R port/ terminal block 标准XLR-3R卡座插, 接线端子	XLR-3R port/ RJ45 port/ terminal block 标准XLR-3R卡座插, RJ45, 接线端子	XLR-3R port/ RJ45 port/ terminal block 标准XLR-3R卡座插, RJ45, 接线端子
Product Dimension 产品尺寸	L260 × W110 × H40(mm)	L157 × W65 × H40(mm)	L157 × W65 × H40(mm)
Weight(G.W) 产品重量	920g	450g	450g



Model 型号	BC-809	BC-853-CC	BC-854-CC
Input Voltage 输入电压	DC12V-DC48V	DC12V-DC48V	DC12V-DC48V
Output Current 输出电流	350mA(700mA) × 3CH	350mA(700mA) × 3CH	350mA(700mA) × 4CH
Output Power 输出功率	12V-48V: 1-12PCS 1W(3W) LED	12V-48V: 1-12PCS 1W(3W) LED	12V-48V: 1-12PCS 1W(3W) LED
Input Signal 输入信号	DMX512/1990	DMX512/1990	DMX512/1990
Output Signal 输出信号	Constant Current PWM Signal 恒流型PWM信号	Constant Current PWM Signal 恒流型PWM信号	Constant Current PWM Signal 恒流型PWM信号
Grey Scale 灰度级数	256 levels × 3CH	4096 levels × 3CH	4096 levels × 4CH
DMX512 Socket DMX512插座	XLR-3R port/ RJ45 port 标准XLR-3R卡座插, RJ45网络接口	XLR-3R port/ RJ45 port/ terminal block 标准XLR-3R卡座插, RJ45, 接线端子	XLR-3R port/ RJ45 port/ terminal block 标准XLR-3R卡座插, RJ45, 接线端子
Product Dimension 产品尺寸	L125 × W52 × H40(mm)	L157 × W65 × H40(mm)	L157 × W65 × H40(mm)
Weight(G.W) 产品重量	340g	450g	450g



DMX512-RDM Controller DMX512-RDM控制器

RDM

远程控制，免高空作业

REMOTE CONTROL, NO MORE WORK AT HIGH



Search RDM slave device
搜索从设备



Address programmable
更改地址



Convenience testing
测试便捷



Independent dimming
独立调光

► Support DMX/RDM data analyze

支持RDM/DMX数据分析及参数设置

► TFT LCD display, direction keyboard, intuitive and simple

采用TFT液晶显示和方向键盘输入,可视化操作,直观、简易

Model	BC-800	型号	BC-800
Input voltage	DC12V-DC24V	输入电源	DC12V-DC24V
Input signal	DMX512/RDM	输入信号	DMX512/RDM
Output signal	DMX512/RDM	输出信号	DMX512/RDM
Dimension	L176xW46xH30(mm)	产品尺寸	L176xW46xH30(mm)
Weight(G.W)	122g	产品重量	122g

DMX512-RDM 4CH Decoder DMX512-RDM 4路解码器

性能**稳定** 调光**细腻**

STABLE PERFORMANCE OPTIONAL DIMMING CURVE

可控制单色、色温、RGB、RGBW类型的灯具

Workable for single color, color temperature, RGB and RGB led lamp



RDM



OLED Display



Short circuit protection
短路保护

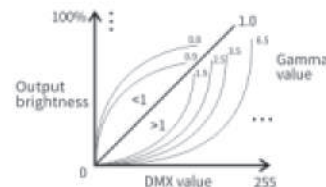


Over current protection
过流保护



Points 产品亮点

- 8 bit / 16 bit
- OLED display [OLED 显示屏]
- Dimming curve [调光曲线]: 0.1~9.9
- Control mode [控制模式]: DIM/CT/RGB/RGBW
- PWM frequency [频率]: 3K, 6K, 12K, 24K optional



Model	BC-844	型号	BC-844
Input voltage	DC12V-DC24V	输入电源	DC12V-DC24V
Max load current	5A×4CH	最大负载电流	5A×4CH
Output power	240W(12V)/480W(24V)	最大输出功率	240W(12V)/480W(24V)
Input signal	DMX512/RDM	输入信号	DMX512/RDM
Scale level	256 levels(8bit) / 65536 levels(16bit)	灰度级别	256级(8bit)/65536级(16bit)
Dimension	L176xW46xH30(mm)	产品尺寸	L176xW46xH30(mm)
Weight(G.W)	140g	产品重量	140g

DMX512/RDM 信号放大器 Signal Amplifier

**3000
VDC**

耐压3000VDC
Isolation
voltage 3000VDC

信号线接错保护
Wrong
wiring protection

1路输入, 8路输出
One input channel Eight output channels

独立电气隔离信号
Independent electrical isolation signal

Model	BC-818	型号	BC-818
Input voltage	AC100-240V 50/60HZ	输入电压	AC100-240V 50/60Hz
Input signal	DMX512/1990/RDM	输入信号	DMX512/1990/RDM
Output signal	DMX512/1990/RDM	输出信号	DMX512/1990/RDM
Input/output channel	One input channel, 8 output channels	输入输出通道数	1路输入, 8路输出
Input/output isolated voltage	3000VDC	输入输出隔离耐压	3000VDC
DMX512/RDM signal socket	XL-R	DMX512/RDM信号接口类型	XL-R
Working Temp	-20°C~55°C	工作温度	-20°C~55°C
Product Dimension	L485 x W76 x H44(mm)	产品尺寸	L485 x W76 x H44(mm)
Weight(G.W)		重量	

DMX512/RDM Signal Amplifier DMX/RDM信号放大器



Model 型号	BC-812-RDM	BC-812
Input Voltage 输入电压	DC12V-DC24V	DC12V-DC24V
Input Signal 输入信号	DMX512/1990/RDM	DMX512/1990
Output Signal 输出信号	DMX512/1990/RDM	DMX512/1990
Input/Output Channel 输入输出通道数	One input channel, Two output channels 1路输入, 2路输出	One input channel, Two output channels 1路输入, 2路输出
Input/Output Isolated Voltage 输入输出隔离耐压	3000VDC	3000VDC
Product Dimension 产品尺寸	L176 x W46 x H30(mm)	L176 x W46 x H30(mm)
Weight(G.W) 产品重量	140g	140g

DMX512 Wireless Transceiver DMX512无线收发器

Model	BC-870	型号	BC-870
Input Voltage	DC5V-DC16V	输入电压	DC5V-DC36V
Transmission Signal	DMX512	传输信号	DMX512
Operating Frequency	2.4GHZ ISM 126 scale frequency	工作频段	2.4GHZ ISM 126个频段
Transmitting Power	20dBm	最大发射功率	20dBm
Receive Sensitivity	-96dBm	接收灵敏度	-96dBm
Distance	350 meters (depends on the weather and environment condition)	通信距离	350米 (具体以天气/环境等不同条件有差别)
Product Dimension	L176 x W46 x H30(mm)	产品尺寸	L176 x W46 x H30(mm)
Weight(G.W)	155g	产品重量	155g

DMX512 Signal Decoder DMX512信号解码器

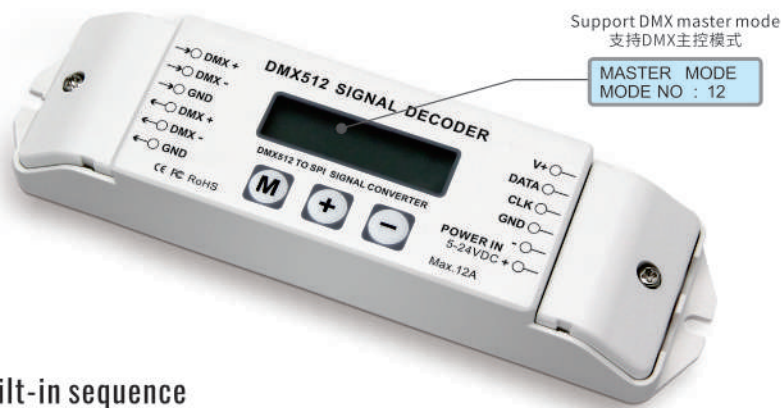
Product Introduction:

BC-820 DMX512 signal decoder, it is developed specially for LED lamps. It adopts the most advantage microchip technology, to convert the universal standard DMX512/1990 signal into various LED chip driving signals, and allows the LED lamps controlled by DMX512 protocol.

BC-820 DMX512信号解码器专为LED灯具开发,采用先进的微电脑控制技术,把国际上广泛采用的DMX512/1990标准数码控制信号转换成各种LED驱动芯片的控制信号。使不具备接入DMX512系统的灯具具备接入DMX512系统的功能。

8 Chip series, Support RGB/RGBW pixel strip
可切换8大类IC,支持RGB/RGBW幻彩灯带

6803/8806/2811/2801/3001/9813/1814/6812 Optional



Support DMX master mode
支持DMX主控模式

MASTER MODE
MODE NO : 12

26 Built-in sequence

Support DMX master mode or slave mode

内置26种变化模式,支持DMX主、从模式

Over current fuse protection at output port, Wrong wiring protection at DMX input port

输出保险丝过流保护, DMX接口保护

Model	BC-820	型号	BC-820
Input Power	DC5V-DC24V	输入电源	DC5V-DC24V
Input Signal	DMX512/1990	信号输入	DMX512/1990
Output Signal	6803/8806/2811/2801/3001/9813/1814/6812 selectable	信号输出	6803/8806/2811/2801/3001/9813/1814/6812可选
Driving Channel	510(RGB)/512(RGBW)	占用DMX通道	510(RGB)/512(RGBW)
Control Pixel	170(RGB)/128(RGBW)	控制全彩点数	170(RGB)/128(RGBW)
Dimension	L176×W46×H30(mm)	产品尺寸	L176×W46×H30(mm)
Weight (G.W)	180g	产品重量	180g

DMX512 Signal Decoder

DMX512信号解码器 BC-802



Newly added RJ45 port

多款不同信号输出类型IC驱动型号选择
Variety of different signal output chip selectable

6803/8806/1809/9813/3001/2801/1814/6812



XLR-3R



RJ45



RGB/RGBW



DMX512/1990

Model 型号	6803	8806	1809	9813	3001	2801	1814	6812
Input Voltage 输入电压	DC5V-24V							
Input Signal 输入信号	DMX512/1990							
Output Signal 输出信号	LPD6803	LPD8806	TM1809	P9813	TLS3001	WS2801	TM1814	SK6812
Decode channel 占用DMX通道	510	510	510	510	510	510	512	512
Chip Mode 驱动芯片型号	LPD6803 LPD1101 D705 UCS6909 UCS6912	LPD8803 LPD8806 LPD8809 LPD8812	TM1803, TM1804 TM1809, TM1812 UCS1903, UCS1909 UCS1912, UCS2903 WS2811, WS2812B	P9813	TLS3001 TLS3002	WS2801 WS2803	TM1814	SK6812 UCS2904
Control LED QTY 控制全彩点	170	170	170	170	170	170	128	128
DMX512 Socket 插座	XLR-3R port/ RJ45 port (标准XLR-3R卡隆插, RJ45网线接口)							
Product Dimension 产品尺寸	L125×W52×H40(mm)							
Weight(G.W) 产品重量	320g							



More LED Power Repeater
更多LED功率扩展器



Model 型号	BC-960-5A	BC-960-8A	BC-960-10A
Input Voltage 输入电压	DC5V-DC24V	DC5V-DC24V	DC5V-DC24V
Output Current 输出电流	5A×3CH	8A×3CH	10A×1CH
Output Power 输出功率	75W(5V)/180W(12V)/360W(24V)	120W(5V)/290W(12V)/580W(24V)	50W(5V)/120W(12V)/240W(24V)
Output Signal 输出信号	Constant voltage PWM signal 恒压型PWM信号	Constant voltage PWM signal 恒压型PWM信号	Constant voltage PWM signal 恒压型PWM信号
Product Dimension 产品尺寸	L125×W45×H36(mm)	L165×W56×H36(mm)	L125×W45×H36(mm)
Weight(G.W) 产品重量	105g	150g	85g



Model 型号	BC-981	BC-984
Input voltage 输入电源	DC12V-48V	DC12V-48V
Max Load Current 最大负载电流	10A×1CH 10AX1路	5A×4CH 5AX4路
Output signal 输出信号	Constant voltage PWM 恒压PWM	Constant voltage PWM 恒压PWM
Max output power 输出最大功率	12V(120W)/24V(240W)/36V(360W)/48V(480W)	12V(240W)/24V(480W)/36V(720W)/48V(960W)
Product Dimension 产品尺寸	L176XW46XH30(mm)	L176XW46XH30(mm)
Package Size 包装尺寸	L180XW50XH30(mm)	L180XW50XH30(mm)
Gross Weight 产品重量	120g	145g

LED Power Repeater LED 功率扩展器

Product Introduction:

This series LED Power Repeater is suitable for all of our company's power-output style controllers' power expansion, it accepts PWM control, unlimited quantity of power repeater to be connected theoretically. Also, the power repeater of constant voltage model and constant current model could be connected freely, suitable for synchronized controlling on different LED lamps.

该系列LED功率扩展器适用于PWM控制的LED控制器的功率放大,理论上可以连接无数个功率扩展器。功率扩展器有恒压和恒流的型号,可以混合连接,方便不同电压、大功率和小功率的LED灯具统一控制。不论是我公司产品或者其他公司的产品,只要是PWM控制,电压合适,都可以使用此系列功率扩展器。



High frequency, Flicker free
高/频/率, 无/频/闪



Model 型号	BC-961	BC-962	BC-963	BC-964
Input Voltage 输入电压	DC5V-DC24V	DC5V-DC24V	DC5V-DC24V	DC5V-DC24V
Max Load Current 最大负载电流	10A×1CH	8A×2CH	5A×3CH	RGB: 3A×3CH W: 9A×1CH or 5A×4CH
Output Power 输出功率	50W(5V)/120W(12V)/240W(24V)	80W(5V)/192W(12V)/384W(24V)	75W(5V)/180W(12V)/360W(24V)	RGB: 15W/36W/72W×3CH W: 45W/108W/216W×1CH or 100W(5V)/288W(12V)/576W(24V)
Output Signal 输出信号	Constant voltage PWM signal 恒压型PWM信号	Constant voltage PWM signal 恒压型PWM信号	Constant voltage PWM signal 恒压型PWM信号	Constant voltage PWM signal 恒压型PWM信号
Product Dimension 产品尺寸	L176×W46×H30(mm)	L176×W46×H30(mm)	L176×W46×H30(mm)	L176×W46×H30(mm)
Weight(G.W) 产品重量	120g	135g	120g	145g

Mini Pixel Light Controller 幻彩控制器



体积小功能强大
Small size strong function

多种动态灯光变化效果

A VARIETY OF DYNAMIC LIGHTING EFFECTS

User can change the brightness, running speed, and the direction of color change; also user can adjust the RGB/RGBW series, and can DIY the color change effect as you wish.

可设置变化亮度, 速度, 改变变化方向, 调整RGB/RGBW灯序, 还可选择组合出自己喜欢的变化效果。

6 chip series, control pixel quantity setable, support RGB/RGBW pixel strip

可切换6大类IC, 设置控制像素点点数, 支持RGB/RGBW幻彩灯带

6803/8806/2811/2801/1814/6812



Model	BC-201	型号	BC-201
Input Power	DC5V-DC24V	输入电源	DC5V-DC24V
Output Current	Max 10A	负载电流	最大10A
Max Output Power	50W/120W/240W(5V/12V/24V)	输出功率	50W/120W/240W(5V/12V/24V)
Remote Control Distance	30~50m	遥控距离	30~50米
Product Dimension	L135 × W30 × H20(mm)	产品尺寸	L135 × W30 × H20(mm)
Weight (G.W)	110g	产品重量	110g

Trigger Pixel Light Controller LED幻彩控制器 BC-210

Product Introduction:

BC-210 LED pixel light controller. It has OLED screen to display and touch button to control. It is convenient to operate and can control most of the chip driving led lamps on the market. It support 2 channel trigger function, so it can be connected with various inductive switches including PIR switch, touch switch, gesture switch, etc. It also has a built-in real-time clock system. Your program can be set to play in any time.

BC-210 LED幻彩控制器, 它采用OLED液晶菜单显示, 轻触按钮控制, 操作直观方便, 可控制市面上大部分的基于幻彩IC驱动的LED灯具。支持两路触发功能, 可连接各种感应开关如人体感应开关, 触摸开关, 手势开关等, 同时内建实时时钟系统, 可设置在任意时间运行想要的变化模式。



Feature function

- With OLED screen display, it is easy to operate.
- It can control up to 1000 pixels, Chip type and color sequence are optional.
- 54 built-in patterns, The color changing speed, brightness and direction are adjustable.
- 2 channel trigger function, it can connect to inductive switches.
- With built-in real time clock system, it has 8 timing setting.

功能与特点

- OLED液晶菜单显示, 操作直观方便。
- 最大可控制1000个像素点, IC类型, 色序可选。
- 内置54种模式, 变化速度, 亮度, 方向可调。
- 两路触发功能, 可外接触发开关。
- 内建实时时钟系统, 8个定时设置。

Model	BC-210	型号	BC-210
Working Voltage	DC 5V-24V	工作电压	DC5V-24V
Trigger Function Voltage	DC5V-24V	触发功能激活电压	DC5V-24V
Load Current	MAX 10A	负载电流	MAX 10A
MAX Output Power	50W(5V) 120W(12V) 240W(24V)	最大输出功率	50W(5V) 120W(12V) 240W(24V)
Working temperature	-20°C-55°C	工作温度	-20°C-55°C
Product dimension	135mm x 30mm x 20mm	产品尺寸	135mm x 30mm x 20mm
Weight	61g	产品重量	61g

SPI Signal Amplifier SPI 信号放大器 BC-294

增加信号驱动能力|延长输出距离

Improve the signal driving capability
Extend the signal output distance

1路SPI信号输入, 4路SPI信号放大输出
1 CH SPI signal input
4 CH SPI signal amplifier output.



Product Introduction:

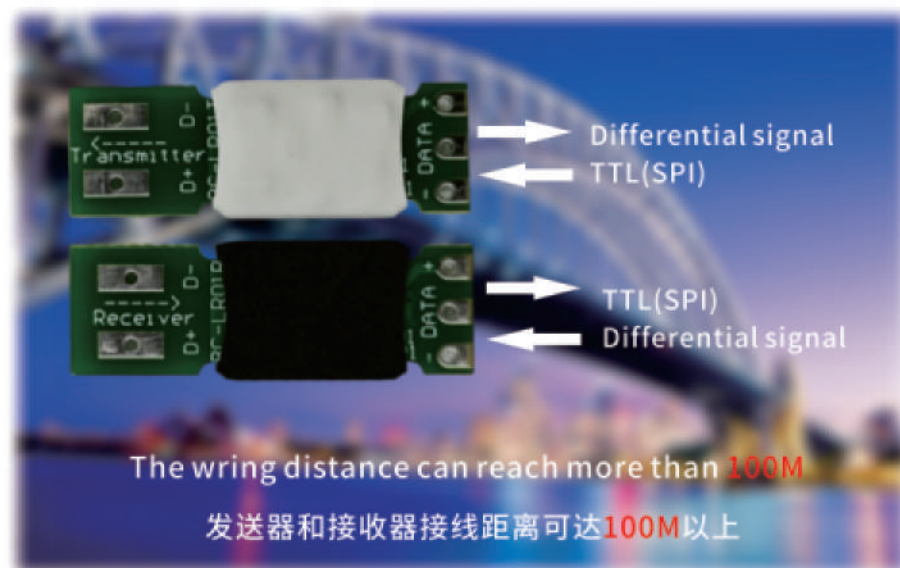
This signal amplifier is designed for amplifying SPI signal. It solves the problem of insufficient driving capability or short transmission distance of SPI signal. It is compatible with SPI controller designed by different factories, pixel strips with various chip, and SPI signal with single wire or dual wire.

此款信号放大器专为放大SPI信号而设计, 它解决了SPI信号驱动能力不足或者传输距离较短的问题, 兼容不同厂家的SPI控制器、不同驱动IC的灯具, 也兼容单线、双线的SPI信号。



Model	BC-294	型号	BC-294
Input Voltage	DC5-24V	输入电压	DC5-24V
Input Signal	SPI signal	输入信号	SPI信号
Output Signal	4 channel (dual wire) amplifier output/ 8 channel (single wire) amplifier output	输出信号	双线4路/单线8路信号放大输出
Max Load Current	16A	最大工作电流	16A
Max output power	50W(5V)/120W(12V)/240W(24V)	最大输出功率	50W(5V)/120W(12V)/240W(24V)
Working temperature	-20°C~55°C	工作温度	-20°C~55°C
Product Dimension	L135 × W30 × H30.2 (mm)	产品尺寸	L135 × W30 × H30.2 (mm)
Weight	66g	重量	66g

SPI Single Channel Long Range Transmitter/Receiver SPI单路远程发送/接收器 BC-LR01



- 5-24V input
- Both input and output have protecting circuits
- Differential signal input and output
- 5-24V输入
- 输入输出保护
- 差分信号输入输出

Model 型号	SPI Single Long Range Transmitter SPI单路远程发送器	SPI Single Long Range Receiver SPI单路远程接收器
Input voltage 输入电压	DC5-24V DC5-24V	DC5-24V DC5-24V
Input signal 输入信号	TTL(SPI) TTL(SPI)	Differential signal 差分信号
Output signal 输出信号	Differential signal 差分信号	TTL(SPI) TTL(SPI)
Input signal interface type 输入接口信号类型	Pad(Wires bonding can be made according to customer needs) 焊盘(可按客户需求焊线)	Pad(2P terminals or wires can be welded according to customer needs) 焊盘(可按客户需求焊接2P端子或线)
Output signal interface type 输出接口信号类型	Pad(2P terminals or wires can be welded according to customer needs) 焊盘(可按客户需求焊接2P端子或线)	Pad(Wires bonding can be made according to customer needs) 焊盘(可按客户需求焊线)
Working Temp 工作温度	-20°C~55°C	-20°C~55°C
Dimension 工作尺寸	L31xW10xH5(mm)	L31xW10xH5(mm)
Weight(G.W.) 重量	2G	2G



DIN Rail DMX512 Relay 导轨式DMX512继电器 BC-862

可实现通过DMX512控制远程开关的目的 Control The Remote Switch By DMX512 Signal

- Automatically adapt to AC85-265V working voltage.
- 自动适应AC85-265V的工作电压。
- Input standard DMX512 signal; 3-digital-display shows DMX address code.
- DMX512国际标准协议输入，3位数码管显示DMX地址码。
- With RDM remote management protocol, the DMX address can be browsed or set via the RDM master console.
- 支持RDM远程管理协议，可通过RDM主控对DMX地址进行浏览与设置。
- Indicator of the DMX512 signal receiving status.
- 具有接收信号状态指示功能，方便确认设备是否接收到信号。
- With power loss memory function, and the set DMX addresses can be stored permanently.
- 断电记忆功能，设置的DMX地址可永久保存。
- The DIN rail style design facilitates the installation of large-scale projects.
- 导轨式的外壳设计方便应用于大型工程的安装。

Model	BC-862	型号	BC-862
Input Voltage	AC85-265V	输入电压	AC85-265V
Input Signal	DMX512/RDM	输入信号	DMX512/RDM
Relay output	2 channel	继电器输出	两路
Signal interface type	Terminal Block	信号接口类型	接线端子
Max voltage/current	250VAC/10A	继电器最大支持电压电流	250VAC/10A
Work temperature	-20°C-55°C	工作温度	-20°C-55°C
Product dimension	L111×W46×H66(mm)	产品尺寸	L111×W46×H66(mm)
Weight	135g	重量	135g

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