Model CM-124HD2
RGB 7-color Control Module
Auto-run & Manual-adjust
ISO 9001 CERTIFIED

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I. FEATURE

- Compact design RGB control module
- Switchable lighting controls
- RGB control modes: manual adjustment for speed adjust, & 7-color preset lighting program and auto-run program.
- Preprogramming at a 7-color lighting in R.G.B.
- Easy to operate and affordable control solution
- Low power consumption

II. SPECIFICATION

Elumina Item Code: EACO-124AMVBBPXSM091

Model No.	CM-124HD2
Color Control	R.G.B. 7-color Auto-run & Manual-adjust
Working Voltage	DC12V~DC24V
Working Current	30mA @ DC24V
Output Voltage	DC12~24V
Driving Current	3 Amp@DC24V
Expand Power Watts (Max)	0.72 W @ DC24V
Connector	IP55 Cable 4Pin: VCC-R-G-B
Accessories	60Watt AC/DC Adapter (UL listed)
Standard Met	RoHS
Mechanical Dim.	Overall 113(L)X64(W)X32.5(H)mm
Net Weight	160± 10g
Operating Temp.	-5°C to 65° C
Storage Temp.	-10° C to 50°C
Warranty	One Year

Specification subject to change without advance notice

III. THE PRODUCT

THE ELUMINA CM-124HD2 is a RGB 7-color auto-run & manual lighting control module, which preprograms the I/O signals, generates the RGB Light Bar in a RGB 7-color changing light by using powerful IC to control red, green and blue LEDs.   It comes with one 3Amp power source and provides you an option to auto-run and manual adjust lighting color changing.   The controller can be installed in where the lighting application has the limited space.

Model CM-124HDPro
mini_RGB 7-color Controller

ISO 9001 CERTIFIED

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I. FEATURE

- A mini RGB 7-color changing controller to easily present LED RGB Color changing
- Compact and affordable RGB control solution for lighting applications
- Environmental proof and construction
- Low power consumption

II. SPECIFICATION

Elumina Item Code: EACO-124MxVCBPWDXxxx

Model	CM-124HDPro
Color Control	R.G.B. Auto-run 7-color Changing
Working Voltage	DC12 ~ 24V
Working Current	20mA @ DC 24V
Expend Power Watts (max)	0.48 W @ DC 24V
Output Voltage	DC12 ~ 24V
Driver Current (max)	1Amp@DC24V(RGB Per Channel)
Connector	Option 1: for Outdoor : IP55 Cable 4 Pin: VCC-R-G-B
	Option 2: for Indoor/2 Ports : 5 Pin: VCC-VCC-R-G-B
	4 Pin: VCC-R-G-B
Accessories	60Watt AC/DC Adapter (UL listed)
Standard Met	RoHS
Mechanical Dim.	Overall 47.5(L)X24.5(W)X17(H)mm
Net Weight	40g +/- 10g
Operating Temp.	-5°C to 60° C
Storage Temp.	-10° C to 50°C
Warranty	One Year

Specification subject to change without advance notice

III. THE PRODUCT

THE ELUMINA CM-124HDPro is a mini RGB 7-color auto-run lighting controller, which preprograms the I/O signal, generated the RGB outdoor Aroma Profile in a 7-color changing light by using powerful IC to control red, green and blue LEDs. It comes with one 1Amp power source and provides one designer easy RGB control setup. Universal DC input. The controller can be installed to where the lighting application has the limited space.

Model EACO-512 IR Decoder
DMX Decoder & IR Controller
ISO 9001 CERTIFIED

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I.   FEATURE

- React as a DMX Decoder plus an embedded preprogramming full color controller to adjust brightness, speed, and fading effect.
- Allow 512 control channels setting
- Compact mini IR controller is provided
- Easy installation and connection
- Optional IP rated waterproof connection cable is selectable.

Working with EACO-SGU and
Light Bar as a total RGB Lighting solution

II.   SPECIFICATION

Model No.	EACO-512 IR Decoder
Input Voltage	DC 9-24 V
Input Current	150mA
Expend Power Watt (Max.)	0.75 W
Output Voltage	DC 9-24V (Depend on Input Voltage)
Output Driving Current	Max. 3 Amp / RGB per channel (output 1 + output 2) when driving at 60 Watt Power Adaptor
Output Power Watt (Max.)	120 W (24V, 5Amp adaptor)
Signal Input Port	2 Section RGB Output
Connector Pin	Φ 5.5 (male) base
Mechanical Dim.	Overall 164(L)X70(W)X30(H)mm
Net Weight	170g ± 2 g (mail body)
Operating Temp.	-5°C to 45° C
Storage Temp.	-10° C to 50°C

Specification subject to change without advance notice

III.   THE PRODUCT

THE ELUMINA EACO-512 IR Decode a DMX Decoder plus an embedded preprogramming full color IR controller to adjust brightness, speed, and fading effect. It provides three type preprogrammed IR control dimmers and 341 decoder setting. There are different power supply & cable connection package provided to fulfill each indoor and outdoor requirements. When working with the ELUMINA EACO-SGU, the signal repeater, and RGB light bars, it will provide an economical and complete total RGB lighting control solution.

Model EACO-SGU
Power Signal Repeater
ISO 9001 CERTIFIED

I. FEATURE

- Provide an amplification interface to enhance the lighting signal and secure to RGB control system
- Easy installation and connection
- Optional IP rated waterproof connection cable is provided.

Working with 512 IR Decoder and Light Bar as a total RGB Lighting solution

II. SPECIFICATION

Model No.	EACO-SGU
Input Voltage	DC24V
Input Current	120W (24V, 5Amp Adaptor)
Output Voltage	DC 24V
Output Driving Current	4 Amp / RGB per channel (output 1 & output 2) when driving at 60 Watt Power Adaptor
Output Power Watt (Max.)	120W (depend on Input Adaptor)
Signal Input Port	1 section RGB Input (5 pin) / 1 section RGB Output (5 pin)
RGB Output Port	2 section RGB Output (5 pin)
Connector Pin	Φ 5.5 (male) base
Mechanical Dim.	Overall 168(L)X75(W)X30(H)mm
Net Weight	168g ± 2 g (main body)
Operating Temp.	-5°C to 45° C
Storage Temp.	-10° C to 50°C

Specification subject to change without advance notice

III. THE PRODUCT

THE ELUMINA EACO-SGU is a compact LED lighting signal repeater which react as an amplification interface to enhance the lighting signal and secure the RGB light control system.   It provides an independent power supplier for user's convenience to extend the lighting application. With the serial connection capability, the lighting control system will be used efficiently with DMX decoder. There are different power supply & cable connection package provided to fulfill each indoor and outdoor requirements. When working with the ELUMINA 512 IR Decoder and RGB light bars, it will provide an economical and complete total RGB lighting control solution.

Model EACO-DECMIVCBPWDM090 mini_DMX Decoder

ISO 9001 CERTIFIED

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I.   FEATURE

- A mini RGB Decoder to easily present LED RGB Color changing
- Work with a DMX Creator to adjust brightness, speed, and fading effect
- Allow 512 control channels setting
- Easy installation and connection
- Quality long lifespan
- More energy efficient lighting control solution

II.   SPECIFICATION

Model	EACO-DECMIVCBPWDM090
Color Control	R.G.B. Auto-run 7-color changing
Working Voltage	DC12 ~ 24V
Working Current	40mA @ DC 24V
Expend Power Watts (max)	0.96 W @ DC 24V
Output Voltage	DC12 ~ 24V
Driving Current (max)	1Amp@DC24V(RGB Per Channel)
Connector	Output: 4 Pin IP55 Female: VCC-R-G-B
	Power Source : 4 Pin IP55 Male
	DMX Input/Output: 4 Pin IP55 Male/Female
Accessories	60Watt AC/DC Adapter (UL listed)
Standard Met	RoHS
Mechanical Dim.	Overall 47.5(L)X24.5(W)X17(H)mm
Net Weight	40g +/- 10g
Operating Temp.	-5°C to 60° C
Storage Temp.	-10° C to 50°C
Warranty	One Year

Specification subject to change without advance notice

III.   THE PRODUCT

THE ELUMINA EACO-DECMIVCBPWDM090 Decode a DMX Decoder to adjust brightness, speed and fading effect.   With IP cable and connector provide to fulfill outdoor lighting requirements.   It comes with one 1Amp power source and provides one designer multiple RGB color changing mode. When working with the Elumina Mini signal repeater and RGB light bars, it will provide an economical and complete total RGB lighting control solution.

Model EACO-SGUMIVCBPWDM090 mini_Signal Repeater

ISO 9001 CERTIFIED

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I.   FEATURE

- Provide an amplification interface to enhance the lighting signal and secure to RGB control system
- A mini size for installation in limited space
- Easy installation and connection
- Quality long lifespan
- More energy efficient lighting control solution

II.   SPECIFICATION

Model	EACO-SGUMIVCBPWDM090
Working Voltage	DC12 ~ 24V
Working Current	6mA @ DC 24V
Power Consumption	0.17 W @ DC 24V
Output Voltage	DC12 ~ 24V
Driving Current (max)	1Amp@DC24V(RGB Per Channel)
Expend Power Watts (max)	72 W @ DC 24V
Connector	Input/Output: 4 Pin IP55 Cable Male/Female: VCC-R-G-B
	Power Source: 4 Pin IP55 Cable Male
Accessories	60Watt AC/DC Adapter (UL listed)
Standard Met	RoHS
Mechanical Dim.	Overall 47.5(L)X24.5(W)X17(H)mm
Net Weight	40g +/- 10g
Operating Temp.	-5°C to 60° C
Storage Temp.	-10° C to 50°C
Warranty	One Year

Specification subject to change without advance notice

III.   THE PRODUCT

THE ELUMINA EACO-SGUMIVCBPWDM090 is a compact LED lighting signal repeater which react as an amplification interface to enhance the lighting signal and secure the RGB light control system. It provides an independent power supplier for user's convenience to extend the lighting application. With the serial connection capability, the lighting control system will be used efficiently with Mini DMX decoder.   With IP cable and connector provide to fulfill outdoor lighting requirements. When working with the Mini DMX Decoder and RGB light bars, it will provide an economical and complete total RGB lighting control solution.