

## RGBW Controller

CL-DR-RGBW

Version: 1.0.1



- ✓ Compatible with home automation systems
- ✓ Standalone functionality
- ✓ Output control by PWM at high frequency (340 Hz) to avoid flicker
- ✓ Group control functionality
- ✓ The memory function to save up to 50 colour settings for faster recall in future
- ✓ Fully isolated output power from data bus to prevent noise
- ✓ High power rating, 20A per channel and 80A combined

### RGBW Controller

To reveal one of the fancy sides of home automation, Climax RGBW Controller allows users to express their creativity by selecting their desirable lighting colour for their house. This high performance module brings a stunning element to smart home and makes an entirely unique lighting experience for home owners.

RGBW Controller is designed to control LED, RGB & RGBW strips and halogen lights via 36V DC and fine-tune lighting from anywhere at any time. Thanks to its compatibility with well-known smart home brands, Climax RGBW Controller combined with other smart home features delivers a wide variety of lighting scenarios and highly impressive lighting effects.

RGBW Controller also provides group control function to bring elegant lighting control for large and sophisticated home automation projects.

RGBW Controller is equipped with 4 output channels which are controlled by one of the most advanced PWM (Pulse Width Modulation) technology at 340 Hz . This product has been designed to be used in two different ways. It can operate in "network mode" through C-Bus connections via "RS-232 GatewayPro" as well as "direct mode" in the absence of "RS-232 GatewayPro".

# RGBW Controller

CL-DR-RGBW

Version: 1.0.1

## Product Specification

<b>Technical Specification</b>		
Input Voltage	8V-24V DC	
Input Current	100mA (for 24V DC)	
I/O Connections	C-Bus	2 X RJ45
	RS232 (Direct Mode)	1 X RJ45
	Output	4 X 20A – up to 36V DC (rising-cage 5mm screw terminals)
PMW Output Frequency	340 Hz	
Max Load	36V X 80A (2880W)	
<b>DIMENSIONS</b>		
Net	Length	114.0 mm
	Width	90.0 mm
	Height	40.1 mm
Package	Length	162.0 mm
	Width	101.8 mm
	Height	81.4 mm
<b>Environmental</b>		
Temperature	Operational	32° F - 95° F (0° C - 35° C) All load ratings are based on an ambient temperature of 25° C.
	Storage	14° F – 140° F (-10° C –60° C)
Humidity	Operational	5% to 80% non-condensing
	Storage	5% to 95% non-condensing
<b>Miscellaneous</b>		
Housing	Acrylonitrile butadiene styrene (ABS)	
Color	Light almond	
<b>Weight</b>		
Net	180±5 gr	
Package	280±5 gr	