

RGBW DIAL LED CONTROLLER

Four-channel LED dimmer

**Over-current &
short circuit protection**

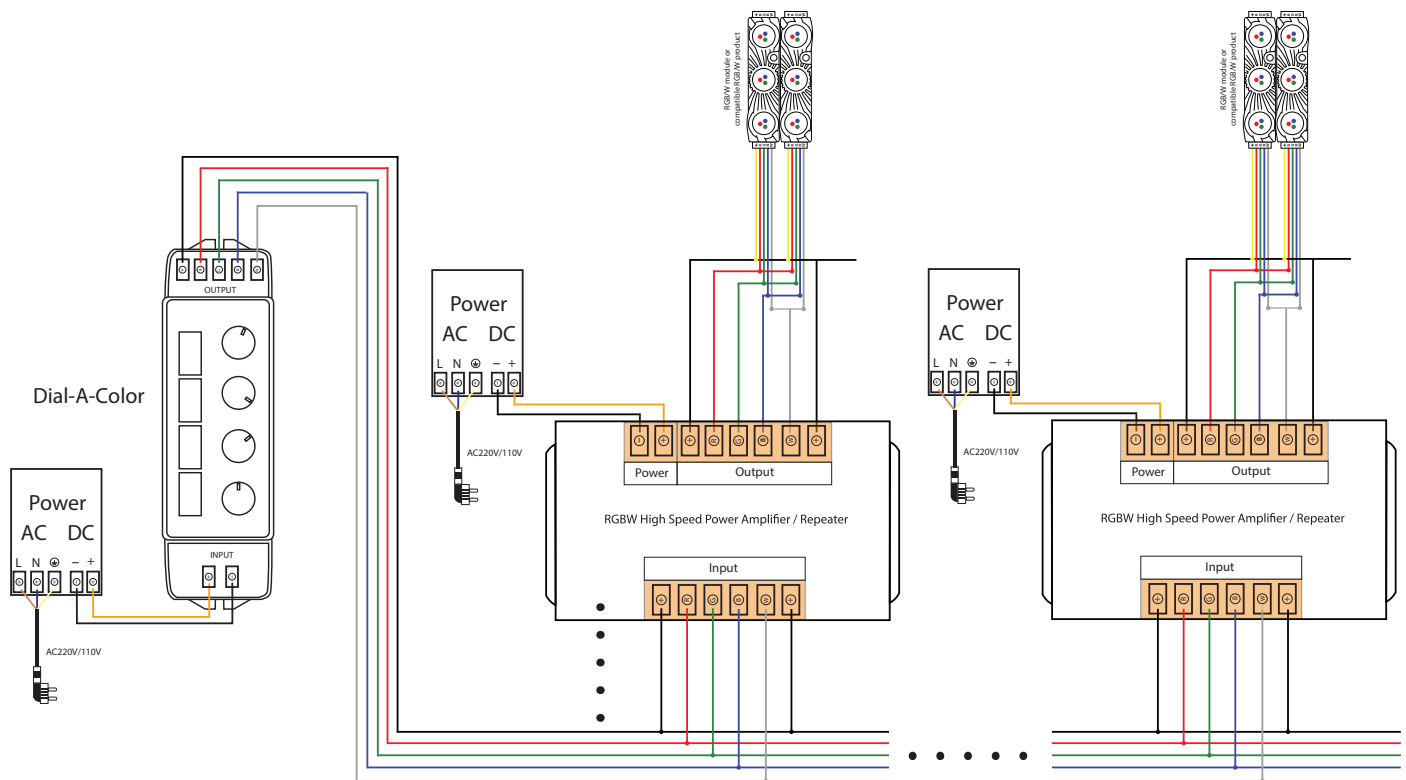
Specifications

Part number PS-DIAL-RGBW
Dimensions L x W x H 6.93" x 1.81" x 1.83"
Channels Four: Red, Green, Blue, White
Voltage 12-24V
Dimming 20 kHz PWM dimming
Maximum power 240W @ 12VDC, 20A total, 5A per channel
480W @ 24VDC, 20A total, 5A per channel



**0-100 Dimming values of Red, Green,
Blue, & White output levels**

RGBW Dial LED Controller – RGBW Spectrum



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Color chart values are for reference ONLY

(Fine tuning may be necessary to achieve a specific color)

- Choose the color needed for your application of RGB, LED products.
 - Choose either the NanoMeter color or Pantone color needed for your application from the chart.
 - Use the settings called out in the R, G, B columns and set these percentages on the digital screens on **RGBW Dial LED controller**.
- You may need to fine tune the desired color by changing the Rheostat knobs for each channel, until the final, desired color is met.
- Make a written note of the final readings on each of the digital screens once the final color is chosen and store this information. LED modules can color drift (degrade) after 6 -12 months. Use the stored information to reset the LED's and dial in the desired color once again.

Pantone No. #	NM Value	Actual color	R	G	B
PMS 287	400		15	0	100
PMS 2593C	405		15	0	100
PMS 295	410		15	0	100
PMS 294	415		15	0	100
PMS 2935C	420		14	0	100
PMS 072	425		13	0	100
PMS 2746	430		13	0	100
PMS 2736	435		12	0	100
PMS 2935C	440		11	0	100
PMS 2945	445		10	0	100
PMS 301	450		9	0	100
PMS 300	455		6	0	100
PMS 3005	460		3	0	100
PMS 2995	465		0	1	100
PMS 299	470		0	12	100
PMS 298	475		0	26	100
PMS 297	480		0	44	100
PMS 292C	485		0	65	100
PMS 351	490		0	91	100
PMS 344	495		0	100	84
PMS 352	500		0	100	69
PMS 353	505		0	100	58
PMS 3375	510		0	100	51
PMS 3385	515		0	100	45
PMS 358	520		0	100	39
PMS 359	525		0	100	35
PMS 365	530		0	100	31
PMS 366	535		0	100	25
PMS 367	540		0	100	18
PMS 374	545		0	100	10

Pantone No. #	NM Value	Actual color	R	G	B
PMS 375	550		2	100	0
PMS 367	555		10	100	0
PMS 358	560		21	100	0
PMS 366	565		36	100	0
PMS 374	570		52	100	0
PMS 386	575		76	100	0
PMS 129	580		100	92	0
PMS 136	585		100	63	0
PMS 137	590		100	43	0
PMS 144	595		100	27	0
PMS 152	600		100	17	0
PMS 167	605		100	8	0
PMS 192	610		100	1	0
PMS 185	615		100	0	3
PMS 200	620		100	0	7
PMS 217	625		100	0	9
PMS 204	630		100	0	11
PMS 211	635		100	0	13
PMS 218	640		100	0	14
PMS 225	645		100	0	15
PMS 212	650		100	0	16
PMS 219	655		100	0	16
PMS 226	660		100	0	16
PMS 233	665		100	0	17
PMS 239	670		100	0	17
PMS 240	675		100	0	17
PMS 2385	680		100	0	17
PMS 2395	685		100	0	17
PMS 246	690		100	0	17
PMS 247	695		100	0	17