

Easy PAR RGBW Controller User Manual

Specification

Dimensions: 26.5cm x 16.5cm (Allow another 7cm for cable access) x 5.5cm

Weight: 0.5kg

Input Power: 9 – 12v DC 300mA (Centre Pin +)

Features

Blackout

Auto Run

Instant Colour Hold

Strobe with Speed Control

Instant Popular Colour Selection

0 – 100% Dimmers for RGBW Colour Mixing

Sound to Light Function with Sensitivity Control

Fog machine “Burst Button” (Fog machine not supplied)

Program Mode for various Built In programs with Speed Control and Master Dimmer

Set Up

Set your lighting effect (not included) to DMX address 1 or Slave Mode.

Connect a suitable DMX lead fitted with 3 pin XLR plugs into the “DMX Out” Socket on the rear of the easy controller and connect the other end to the “DMX In” on your lighting effect.

Connect your RGBW lighting effect to a suitable mains supply.

Connect the 12v Power adapter (supplied) into a suitable mains supply and plug the power jack into the DC Input socket on the rear of the Easy Controller.

The Yellow indicator light above the Blackout button will flash.

General Colour Mixing

Once power is applied to the Easy Controller (as above) the Yellow indicator light will flash. This denotes that “Blackout” is active.

Press the “Blackout” button (Yellow indicator light will go out).

Next, press the “Colour” button.

By pressing the “Colour Select” buttons on the left hand side of the Easy Controller, 15 popular colours can be instantly selected.

Alternatively the four faders (R, G, B, & W) can be used to “Mix” the colour required.

Note: Pressing another colour will cancel the preceding colour or mixed colour. Also when a colour button is selected, it is then possible to add or vary the colour by using the RGBW faders however; adjusting the fader associated with the colour selected will override the selection.

Pressing the “Hold” Button will freeze the last colour selected or mixed.

Note: The “Hold” button will prevent all other buttons from operating until pressed again. Pressing midway through a program will also freeze a program. To continue running the program, press the “Hold” button again.

Fogger Button (DMX Fog Machines Only)

Set your fog machine (not supplied) to DMX Position "3". Pressing the Fogger button will activate your fog machine.

Sound to Light Operation

Pressing the "Sound Active" button will place the unit in the "Sound to Light Mode". The Easy Controller will then run through the built in programs to the beat of the music.

The function of the "G" & "B" faders change when in the unit is in the "Sound Active" mode. "G" is now the Master Dimmer and "B" is the Sound Sensitivity control.

By moving the "Sensitivity" fader the unit's reaction to the music can be adjusted.

Adjusting the "Dimmer" will increase or decrease the overall brightness of the units that are being controlled.

Auto Run Operation (Internal Program Mode)

Pressing the "Auto" button (located above the "Sound Active" button) will activate the built in programs that will then run in sequence.

The function of the "G", "B" & "W" faders change when in the unit is in the "Auto" mode. "G" is now the Master Dimmer; "W" adjusts the speed at which the programs run. "B" can be used with the program to add a "Strobe" effect to the program.

Program Select Mode

Note: When in Program select mode is entered the function of the "R", "G", "B" & "W" faders change. "R" = Program Select, "G" = Master Dimmer, "B" = Strobe Flash Speed and Sound Sensitivity, "W" = Program Speed.

The Program button will enable you to select one of the 19 built in programs.

The table below will show what programs are available and the position that the "R" / "Prog Select" fader needs to be in to activate them.

The Speed at which the program runs is selected by the "W" / "Speed" fader.

A strobe effect can be added to the program that is running by using the "B" / "Flash / Sensitivity" fader.

Note: When the Program fader is set to "Sound Active", the "B" / "Flash / Sensitivity" fader controls the unit's sensitivity to the music.

The "G" / Dimmer fader will enable you to vary the intensity of the program running.

DMX Parameters in Programme Mode

“R” Fader (Program Select)		“G” Fader (Dimmer)	“B” Fader (Flash / Sensitivity)	“W” Fader (Speed)
0 - 9	R	Master Dimmer	Flash Speed 0 – 3 (Off)	No Function
10 - 17	G			4 – 255 (Variable)
18 – 26	B		Sound Active 0 – 7 (Off)	No Function
27 – 35	W			
36 – 44	RG			
45 – 53	RB			
54 – 62	RW			
63 – 71	GB			
72 – 80	GW			
81 – 89	BW			
90 – 98	RGB			
99 – 107	RGW			
108 – 116	RBW			
117 – 125	GBW			
126 – 134	RGBW			
135 – 164	Colour Flip			
165 – 194	Colour Fade			
195 – 224	Auto - Run			
225 - 255	Sound Active			