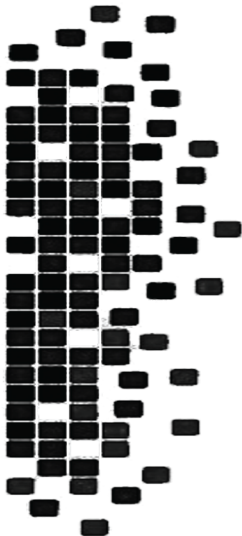


# XSTATIC PRO LIGHTING

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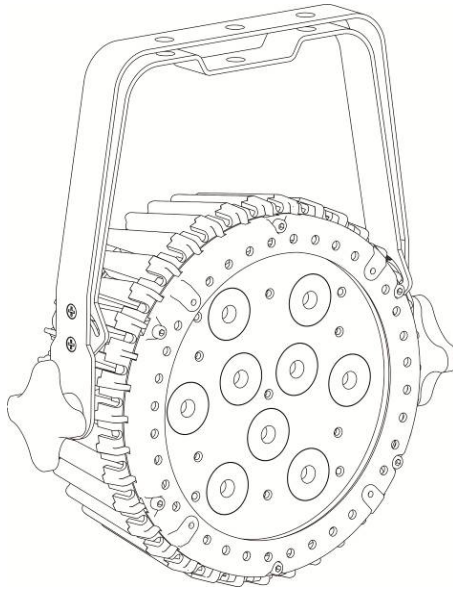
## X-PAR5in1-9 IRC

9x 5 Color (RGBWA) LED Par Lamp



# USER MANUAL

# High Power Indoor PAR, 9x RGBWA 3W User Manual



# SAFETY INSTRUCTIONS:

## CAUTION! READ BEFORE USE!

For your own safety, please read this user manual carefully before you initially power up your fixture.

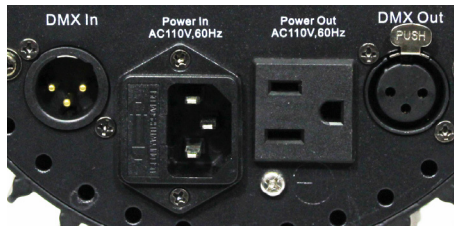
- Examine packaging to ensure all parts included
- Disconnect all power and other cables prior to servicing
- Always make sure to provide adequate ventilation
- Keep this device away from rain and moisture!

## POWER



Be sure you have the proper power cables for the fixture. A 120v cable with a Standard PC Power connector is required, and included with the unit.

There is also a power Output plug available for daisy chaining located next to the power switch.



## CONNECTIONS

Remote control and linking is available via four operation modes: DMX 512 Control, Auto and Master/Slave, and Sound Active modes to form different led effects, and DMX-512 connection to connection between fixtures.

(Input and Output Ports seen here. See the DMX page for cabling details and Daisy-chaining specifics on Page 10).

# FEATURES:

- RGB Color Mixing
- Color Strobe Effect
- Color Mix Effect
- LED Chases (Adjustable Speeds)
- Electronic Dimming 0-100%
- Operating Modes: Sound Active, Master / Slave, or DMX Control
- DMX-512 Protocol Compatible (ch's 5, 7, 9)
- Digital Display for Address and Function Settings
- IR Remote Control

Please Note: Specifications and improvements in the design of this unit and this manual are subject to change without any prior written notice.

# TECHNICAL SPECIFICATIONS:

- Voltage: 100V~240V,50Hz~60Hz
- LEDs: 9 x 10W RGBWA LEDs
- Power Consumption: 84W
- Weight: 3.4Kgs.
- Dimensions: 263 x 295 x 88mm
- Colors: RGB Color Mixing
- DMX In and Out
- LCD Control Screen
- Beam Angle: 25 degrees
- Chainable DMX and power ports
- Power Lining: 5pcs/110v, 13pcs/240v
- Lumens: R 2951lux /2m  
G 2601lux /2m  
B 360lux /2m  
W 515lux /2m  
A: 170lux/2m  
RGBWA 1420lux /2m

## **DMX Control and Chain Connections:**

You can connect the DMX-output of a controller directly to the DMX-input of the fixture. If connecting multiple units, be sure to use the proper cabling.

**TERMINATION NOTE:** These units are not self terminating. If the last fixture in the DMX chain will need to be terminated with a Terminator. (page 9)

# MENU / CONTROLS:

**SETUP MENU:** You can easily setup and control your TRI5in1-9LED Par light from the on-board LCD screen. Using the MENU, SETUP, UP and DOWN, buttons, you will find the following options to select and modify:



The Control Screen with MENU, SETUP, UP, and DOWN Navigation buttons.

**LED DISPLAY OPERATION** - These instructions will provide access to the setup and control of the DMX light.

## 1. AUTO MODE

Press the MODE button until AUTO displays on the Menu screen. The fixture comes with a slow fading demonstration between all preset colors. The demo will run in loop until stopped.

No adjustments are available for the Auto/Demo Mode.

## 2. BUILT-IN PROGRAM SELECTION

You can access several levels of programs and different styles by setting the program number, then pressing SETUP button to select programming options. To access the pre-saved programs, press the MODE button until you see PR.01, then use the UP or DOWN buttons to choose between programs PR.01 - PR.11. They provide the following effects:

PR.01	Static Color
PR.02	One Color Fading
PR.03	Colorful Fading
PR.04	Colorful Dream
PR.05	One Color Hopping
PR.06	Colorful Hopping
PR.07	Red Fading
PR.08	Green Fading
PR.09	Blue Fading
PR.10	White Fading
PR.11	Amber Fading

## MENU OPTIONS CONT'D:

Now pressing SETUP and the UP and DOWN buttons will navigate within these Program's choices and settings. You will now see F500 in the display field indicating the program speed. Press UP or DOWN to scroll through SP.0 to the highest speed at SP.FL (1-100).

### 3. DIMMING/COLOR MIXING MODE

Press the MODE button until CLR displays on the Menu screen. Then repeatedly pressing the SETUP button will scroll through 5 selections, RED (R), GREEN (G), BLUE (B), and WHITE (W), and AMBER (A). Each selection has 0-255 levels of dimmer.

The 9 LEDs in the light fixture each have 5 individual colors present in each lens. Red, Green, Blue, White, and Amber colors, all to provide 16 million+ options for color mixing.

#### Color Value Settings

R.255	RED LED Color portion setting. Use ^ or v to adjust color value from 0-255.
G.255	GREEN LED Color portion setting. Use ^ or v to adjust color value from 0-255.
B.255	BLUE LED Color portion setting. Use ^ or v to adjust color value from 0-255.
W.255	WHITE LED Color portion setting. Use ^ or v to adjust color value from 0-255.
A.255	AMBER LED Color portion setting. Use ^ or v to adjust color value from 0-255.

When all values are set to 255, the fixture will display a full, warm White cast of light. Reducing each color channel creates different hues and color options.

Setting each value to 0, with only one at full 255, that color will be the only color displayed. I.E. R set to 255 with G, B, W, and A all set to 0 will only display the color Red.

## MENU OPTION CONT'D:

**4. SOUND MODE** - This menu will let you select your desired Sound Mode Setting.

Press the MODE button until SOUND displays on the Menu screen. The menu will display the parameters S.L.00 - S.L.31, where the user can set the level of Sound sensitivity the fixture.

### 5. DMX MODE

This menu will let you select the DMX mode.

For Manual selection, press the MODE button until d.00 1 displays on the Menu screen.

The DMX Channel can be selected by pressing the UP and DOWN buttons and selecting d.00 1 - d.5 12.

More Channel modes are available by pressing the SETUP button until X-ch is displayed, and selecting either S-ch, 7-ch, or 9-ch, and each have different Control Options. These mode charts are exhibited on page 9.

Note that this fixture has DMX Auto Detection, so regardless of any other Mode setting, if there is DMX signal present, it will automatically turn on it's DMX Mode. When DMX is no longer present, the fixture returns to previous Mode setting (infrared remote control also disabled when in DMX Mode).

### 6. MASTER/SLAVE MODE

Press the MODE button until SLAVE displays on the Menu screen. The fixture will be slaved to which ever lead device is being controlled.

### 7. RESTORE FACTORY SETTINGS

When fixture is off, press the MODE and SETUP buttons at the same time and hold while turning the fixture power on. Hold the buttons until you see 0242 and then 0.40 will display on the Menu screen. The fixture is now reset.

**NOTE: "LOCKED MENU"** - To exit the LOCKED mode of the Menu, press MODE and DOWN for 2 to 3 seconds and fixture will Unlock and return to normal Menu Navigation.



# DMX SETUP (CONTROL OPTIONS)

DMX model 1: 5 - c h

CH1	CH2	CH3	CH4	CH5
R(0~255)	G(0~255)	B(0~255)	W(0~255)	A(0~255)

DMX model 2: 7 - c h

CH1	CH2	CH3	CH4	CH5	CH6	CH7
R(0~255)	G(0~255)	B(0~255)	W(0~255)	A(0~255)	Dimmer(0~255)	Strobe(0~255)

DMX model 3: 9 - c h

CH1	CH2	CH3	CH4	CH5	CH6	CH7		CH8		CH9	
DIMMER	R	G	B	W	A	Program		Speed		Strobe	
0-255	0-255	0-255	0-255	0-255	0-255	A	CH2-CH6	0			0-255
									OFF	0-12	
									RGB	13-25	
									R	26-38	
									G	39-51	
									B	52-64	
									W	65-77	
									A	78-90	
									RG	91-103	
									RG	104-116	
									RB	117-129	
									RB	130-142	
									GB	143-155	
									RW	156-168	
									GW	169-181	
									BW	182-194	
									RA	195-207	
									GA	208-220	
		BA	221-233								
		WA	234-246								
		RGB	247-255								
		WA									
		Pr.02	25-49	0-255							
		Pr.03	50-74								
		Pr.04	75-99								
		Pr.05	100-124								
		Pr.06	125-149								
		Pr.07	150-174								
		Pr.08	175-199								
		Pr.09	200-224								
		Pr.10	225-249								
		Pr.11	250-255								

DMX model

CHAN
1
2
3
4
5
6

# DMX SETUP CONT'D:

## DMX-512 connection between fixtures

The fixture is equipped with 2-pin XLR sockets for DMX input and output. The sockets are wired in parallel. Only use a shielded twisted-pair cable designed for 3-pin XLR-plugs and connectors in order to connect the controller with the fixture or one fixture with another.

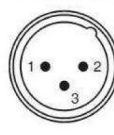
## Occupation of the XLR-connection

DMX - output  
XLR mounting-sockets (rear view):



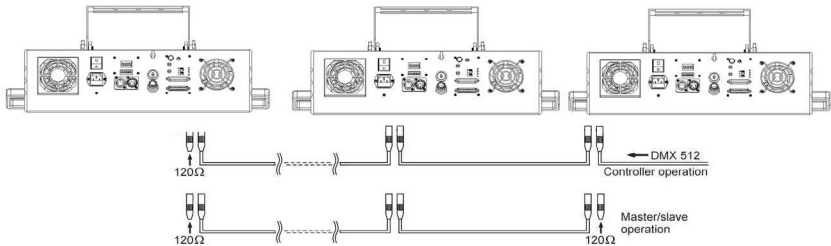
- 1 - Shield
- 2 - Signal (-)
- 3 - Signal (+)

DMX-input  
XLR mounting-plugs (rear view):



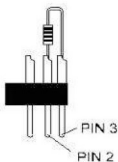
## Building a serial DMX-chain

Assembling a DMX Chain is as simple as connecting two more more fixtures with DMX In/Outs with the proper DMX specific 3-pin XLR-style cables.



NOTE: The last or final fixture in the DMX chain MUST have a terminator plug. A terminator is an XLR type plug that does not connect to a cable.

## MAKE A TERMINATOR:



[To make Terminator; solder a 120 resistor between Signal (-) and Signal (+) into a 3-pin XLR-plug and plug it in the DMX-output of the last fixture.]

# INFRARED REMOTE FUNCTIONS:

## 8. INFRARED REMOTE OPTIONS

Your fixture comes with an Infrared Remote Control. This requires aiming the remote forward and at the face of the light in order to send it your selections.

The remote has two sections of control, settings and colors. Each has the associated mode it will enter upon pressing. They are:

ON/OFF	All LEDs to On or Off state
AUTO	Auto/Demo Mode
PRG	Select Pre-Programmed Scenes
SOUND	Sound Reactive Settings
SPEED	Rate at which Colors Change
STROBE	Flash On/Off and Freq. Settings
DIMMING	Enter Dimming Mode
+ / -	Increase or Decrease Selection



On Buttons 0-9, the LEDs will display the associated colors when selected.

0	1	2	3	4	5	6	7	8	9
Cyan	Purple	Purplish-Red	Orange	White	Bright Pink	Light Green	Water Blue	Yellow	Warm Sunset

### DIMMING MODE

By selecting DIMMING and then a Color Button labeled with either R, G, B, A, or W, you can create your own color mix by increasing or decreasing the value of that single color portion of the 5 in 1 LED. These buttons are outlined on the remote in the form of a "T" shaped box.

Using the Settings Chart for Color Value Mixing on page 7, you can control the fixture in the same manner again, by first pressing Dimming, and then Selecting the lettered color buttons, and then + or - to increase or decrease the values.

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