

TOPIC LIGHT CO., LTD

User manual



MINI STUDIO PAR

4x10W RGBWA

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1. Safety instructions



This device is suitable for indoor use only.

All modifications to the device will void the warranty.

Repairs are to carry out by skilled personnel only.

Use only fuses of the same type and original parts as spare parts.

Protect the unit from rain and humidity to avoid fire and electric shocks.

Make sure to unplug the power supply before opening the housing.

1.1. FOR SAFE AND EFFICIENT OPERATION

Be careful with heat and extreme temperature

Avoid exposing it to direct rays of the sun or near a heating appliance.

Not put it in a temperature bellow 32°F /0°C, or exceeding 104°F /40°C.

Keep away from humidity, water and dust

Do not place the set in a location with high humidity or lots of dust.

Containers with water should not be placed on the set.

Keep away from sources of hum and noise

Such as transformer motor, tuner, TV set and amplifier.

To avoid placing on un-stable location

Select a level and stable location to avoid vibration.

Do not use chemicals or volatile liquids for cleaning

Use a clean dry cloth to wipe off the dust, or a wet soft cloth for stubborn dirt.

If out of work, contact sales agency immediately

Any troubles arose, remove the power plug soon, and contact with an engineer for repairing, do not open the cabinet by yourself, it might result a danger of electric shock.

Take care with the power cable

Never pull the power cable to remove the plug from the receptacle, be sure to hold the plug. When not using the device for an extended period of time, be sure to disconnect the plug from the receptacle.

Important: Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems. Make sure the electrical connection is carried out by qualified personnel. All electrical and mechanical connections have to be carried out according to the European safety standards.

2. Technical Information

- Full DMX 512 control
- DMX Modes with 1, 2, 7 or 9 Channels
- Sound controlled via built-in microphone
- Adjustable sound sensitivity
- Function: Colour mix
 - Automatic colour change
 - Built-in programs
 - Strobe effect with adjustable speed
 - Dimmer
 - Master/slave
- LED-display
- 3 Pin XLR Input & Output
- Lens degree 15°
- 4 x 10W 5in1 LEDs

3. Menu structure

	Addr	1	Adjust the DMX address: 1...512
		512	
	Auto	Au 1	Au 1...Au 19: 19 programs
		...	
		Au 20	Au 20: System all mode loop run
	SPEd	0	Adjust Program speed 0=off 1-31=slow-fast
		31	
	SLAU	SLA	Light working master
	CHNd	CH 1	4 DMX modes: CH 1...CH 9
		CH 2	
		CH 7	
		CH 9	
	SenS	Off-99	Off: Close sound mode 1-99 Sound sensitivity adjust

Menu	Sound	Sou 1	static colour change
		Sou 2	sound flash colour change
	MASt	On/Off	On: open master signal, Off: close master signal
	ALLC	0...100	Setup LED master dimmer
	rEd	0...100	Setup red LED dimmer
	grEE	0...100	Setup green LED dimmer
	bLUE	0...100	Setup blue LED dimmer
	HITE	0...100	Setup white LED dimmer
	AMb	0...100	Setup amber LED dimmer
	Led	On	Display on
		30	Switch display off after 30, 60, 90, 120 seconds
		...	
		120	
	OFF	OFF = close test function	
	test	1	Test red LED
		2	Test green LEDs
		3	Test blue LEDs
		4	Test white LEDs
		5	Test amber LEDs
	disp	disp/dsip	Display normal or inversion
uer		Readout software version	
rset		Reset all values of the system	
uPdA		Software update	
sign	ON/OFF	ON for master freeze, OFF for master blackout	
CoLr		Selective colour 1-17	
TEMP		Readout system temperature	

Tips: Push the MENU-button to reach the first menu and use the UP/Down-buttons to get to submenu. To open the submenu you have to push the ENTER-button, here you can also reach other menu items with the UP/DOWN-buttons, confirm with ENTER. Push the MENU-button to store you settings.

4. DMX Table

4.1. DMX Mode 1 (1 Channel)

DMX Channel	Value	Function
1	0-255	0 = Off 1-255 = 36 different colour macros

4.2. DMX Mode 2 (2 Channel)

DMX Channel	Value	Function
1	0-255	0 = Off 1-255 = 36 different colour macros
2	0-255	0 = Off 1-255 = Master dimmer

4.3. DMX Mode 3 (7 Channel)

DMX Channel	Value	Function
1	0-255	Adjust red LEDs dimmer low to high
2	0-255	Adjust green LEDs dimmer low to high
3	0-255	Adjust blue LEDs dimmer low to high
4	0-255	Adjust white LEDs dimmer low to high
5	0-255	Adjust amber LEDs dimmer low to high
6	0-255	0 = Off 1-255 = Master dimmer
7	0-255	0-8 = LED flash off 9-255 = speed of shutter/special functions slow-fast, sensitivity

4.4. DMX Mode 4 (9 Channel)

DMX Channel	Value	Function
1	0-255	Adjust red LEDs dimmer low to high
2	0-255	Adjust green LEDs dimmer low to high
3	0-255	Adjust blue LEDs dimmer low to high
4	0-255	Adjust white LEDs dimmer low to high
5	0-255	Adjust amber LEDs dimmer low to high
6	0-255	0 = Off 1-255 = Master dimmer

7	0-255	0-8 = LED flash off 9-255 = speed of shutter/special functions slow-fast, sound sensitivity
8		special function 0-9 LED flash 10-19 automatic dimming (upwards) 20-29 automatic dimming (downwards) 30-39 automatic dimming (upwards/downwards) 40-49 colour change (5 colours) 50-59 colour change (30 colours) 60-69 colour shift 70-79 colour shift (8 colours) 80-89 colour flash change (5 colours) 90-99 colour change (30 colours) 100-109 colour change (40 colours) 110-119 colour change (10 colours) 120-129 colour change (48 colours) 130-139 LED flash (32 colours) 140-149 colour shift red/green 150-159 colour shift red/blue 160-169 colour shift red/white 170-179 colour shift white/green 180-189 colour shift white/blue 190-199 colour shift green/blue 200-209 colour shift red/green/blue/white 210-219 colour shift red/green/amber/white 220-229 colour shift red/blue/amber/white 230-239 All program mode run >240 colour change sound controlled
9		0-127 static colour change sound controlled 128-255 flash colour change sound controlled

5. Technical Data

Power supply:	100-240V AC, 50-60Hz
Power consumption:	max. 60W
LED:	4 x 10W 5in1 RGBWA
LED lifetime:	> 50.000 hours
Measurements:	182mm x 138mm x 250mm (L x W x H)
Weight:	1.80 kg
Housing material:	Aluminium
Protection class:	IP 20
Cooling:	regulated fan cooling > 60°C

