

SWIT

Mini Size 100W RGBW Studio LED Panel CTDM Tech Ultra Bright

CL-M100C



100W RGBW LEDs

1:1/2' Mini Size for Low Ceiling Studio

CL-M100C is an 100W RGBW SMD LED panel light of 1: 1/2' mini size designed, high intensity and fanless, for broadcast studio, live entertainment, theater, film applications, especially the low ceiling space setup.



Distance	1 meter	2 meters	3 meters
Illuminance	3000Lux	854Lux	384Lux



No Fan, No Noise

Absolute Silent Studio

The large size fin condenser inside CL-M100C ensures 100W high bright output within such a small size housing, no fan, no noise, to provide a silent video production environment.



DMX and Bluetooth APP

Hot keys, 5-pin DMX512 in and out

CL-M100C RGBW panel light provides rich on-board operations with 3.5-inch color LCD, DMX IN & OUT sockets, and can be operated by Smart phones via bluetooth APP.



Brighter RGBW

CTDM Time-Division Drive Tech

The regular RGB panels are high bright in CCT mode, but much lower in RGB color mode. That's because in a regular RGB light, the RGB color LED and White LED have fixed rates to share the total power of the light, and when output color lights, the RGB LEDs use only 1/3 power. By SWIT unique Time Division Drive tech, full power of the light can be assigned to R/G/B color LEDs, and greatly increased the intensity of color light. The 100W CL-M100C equals to a regular 300W RGB color light intensity.

Illuminance	Regular RGB lights	CL-M100C
CCT mode Max	100%	100%
Pure RED light	Approx. 20%	35% ↑
Pure GREEN light	Approx. 50%	80% ↑
Pure BLUE light	Approx. 9%	20% ↑



CCT Control



HSI Control



GEL Selection



Light Effects

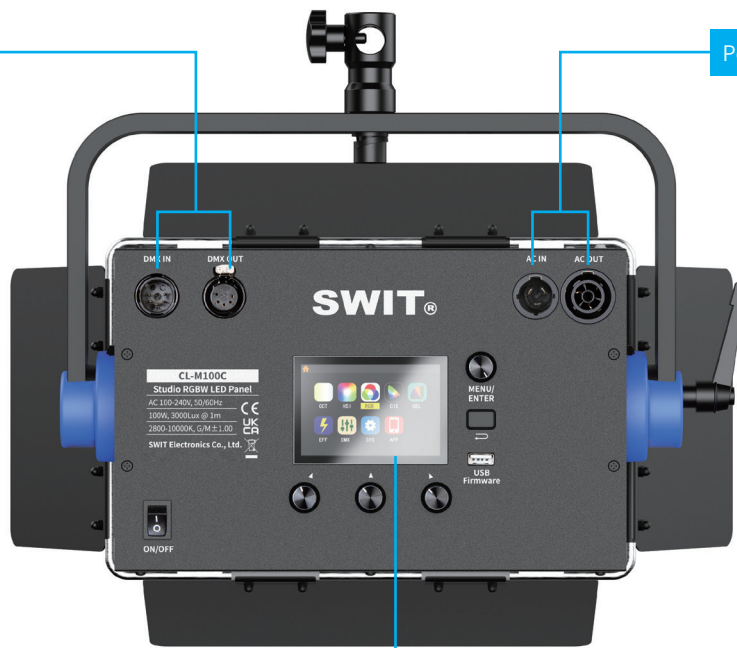
Search "SWIT Console"
at APP Store or Google Play
Or scan QR code to download.





Power and Control

5-pin DMX512 IN & OUT		
Addr	CCT	HSI
N	Intensity	Intensity
N+1	Color Temp	Hue
N+2	G/M	Saturation
Addr	RGB	CIE
N	Red Intensity	Intensity
N+1	Green Intensity	X-axis
N+2	Blue Intensity	Y-axis
Addr	CCT&HSI	CCT&CIE
N	Intensity	Intensity
N+1	Color Temp	Color Temp
N+2	G/M	G/M
N+3	CCT to HSI	CCT to CIE
N+4	Hue	X-axis
N+5	Saturation	Y-axis
Addr	CCT&RGB	
N	Intensity	
N+1	Color Temp	
N+2	G/M	
N+3	CCT to RGB	
N+4	Red Intensity	
N+5	Green Intensity	
N+6	Blue Intensity	



PowerCON TRUE1 AC IN & LOOP OUT



Included: TRUE1 AC Cable

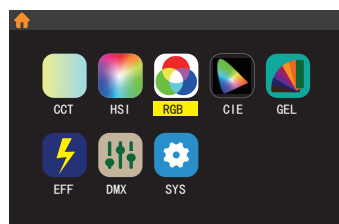


Optional: TRUE1 Loop Cable

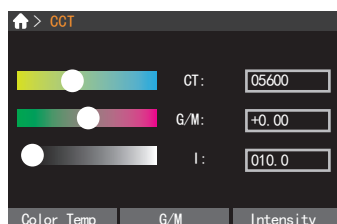
PA-LC20

2 meters length, Max 16A load;
220V: Loop up to 25x CL-M100C
110V: Loop up to 13x CL-M100C

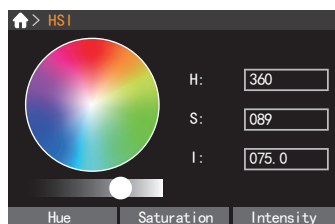
On-board 3.5-inch Color LCD Display



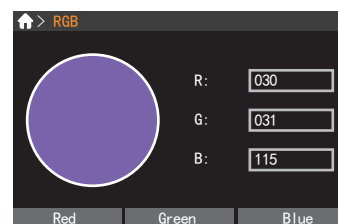
HOME



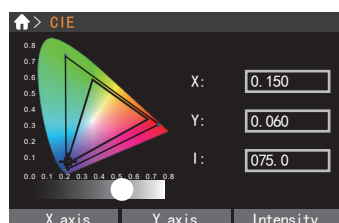
CCT Control



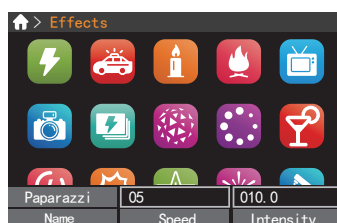
HSI Control



RGB Control



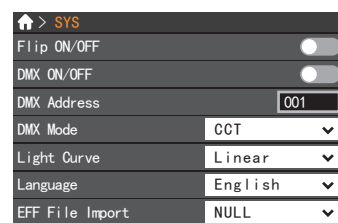
CIE Control



Light Effects



GEL Selection



System Setting



Specifications

Model	CL-M100C
LEDs	170pcs RGB + 340pcs W
Color Temp	2800K-10000K, GM±1.00
Illuminance	3000Lux @ 1m
Color Render	CRI 96; TLCI 93
DMX	5pin DMX512 in & out
Input Voltage	AC 100-240V, 50/60Hz
Power	100W
Net Weight	5.1kg incl. Barndoors

