

EXPOLITE

IP65 PIX-16 TRI RGB USER MANUAL

Welcome to use the powerful series of IP65 TRI 3W RGB DMX LED STAGE COLOR BAR which with LCD digital display for the most convenient operation.

Technical Specifications:

LED IP65 16x3W TRI COLOR LED BAR:

Power supply:	AC110V-240V, 50Hz / 60Hz
Power consumption:	Max. 80W
LED quantity:	16x3W TRI LED
Wave length of RED LED:	630nm
Wave length of GREEN LED:	535nm
Wave length of BLUE LED:	475nm
DMX control:	6CH, 9CH, 15CH, 27 CH, 48CH, 51CH optional
DMX connection:	3-pin-XLR
Beam angle:	25 degree
Lux	1050 at distance 4 meter.
Max. ambient temperature:	45degree
Max. housing temperature:	55degree
Min. distance from flammable surface:	0.5m
Min. distance from lighted object:	0.1m
Dimension (L x W x H)	1000x 120 x 175mm
Weight:	10.5kgs

Operation functions:

- 1) STATIC COLOR / BUILT-IN 13 RUNNING EFFECT
- 2) AUTO RUN
- 3) SOUND
- 4) MASTER / SLAVE
- 5) DMX MODE

● **Built-in programs (P01-P14)**

STATIC COLOR	Blackout, Red-Yellow-Green-Cyan-Blue-Purple-White
BLAC-RGB Flash00-99	Flash speed adjustable.
DREAM	Seven color dreaming
Speed00-99 Flash00-99	Speed & Flash adjustable
METEOR	Seven color flow
Speed00-99 Flash00-99	Speed & Flash adjustable
FADE	Seven color fade
Speed00-99 Flash00-99	Speed & Flash adjustable
CHANGE	Seven color change
Speed00-99 Flash00-99	Speed & Flash adjustable
FLOW 1	Seven color chase in 1 way
Speed00-99 Flash00-99	Speed & Flash adjustable
FLOW 2	Seven color chase in 2 ways
Speed00-99 Flash00-99	Speed & Flash adjustable
FLOW 3	Seven color chase in 1 relay way
Speed00-99 Flash00-99	Speed & Flash adjustable
FLOW 4	Seven color chase in 2 relay ways
Speed00-99 Flash00-99	Speed & Flash adjustable
FLOW 5	Seven color chase from two sides to middle
Speed00-99 Flash00-99	Speed & Flash adjustable
FLOW 6	Seven color chase from middle to two sides
Speed00-99 Flash00-99	Speed & Flash adjustable
FLOW 7	Seven color chase
Speed00-99 Flash00-99	Speed & Flash adjustable
FLOW 8	Two color chase in 1 way
Speed00-99 Flash00-99	Speed & Flash adjustable
1.BLA-RGB 2. BLA-RGB	Blackout-Red-Yellow-Green-Cyan-Blue-Purple-White
FLOW 9	Two color chase in 2 ways
Speed00-99 Flash00-99	Speed & Flash adjustable
1.BLA-RGB 2. BLA-RGB	Blackout-Red-Yellow-Green-Cyan-Blue-Purple-White

● **Auto Run mode (13 built-in modes together)**

FQ:001-99 (Frequency adjustable)

● **SLAVE Mode:**

Link the units and press MODE button of the Slave units to SLAVE mode. Then the slave units will follow running in accordance with the Master unit.

● **DMX Mode**

Channel mode: (6CH, 9CH, 15CH, 27CH, 48CH, 51CH optional)

- 6CH:** Every 16 leds as 1 section
- 9CH:** Every 8 leds as 1 section, totally 2 sections
- 15CH:** Every 4 leds as 1 section, totally 4 sections
- 27CH:** Every 2 leds as 1 section, totally 8 sections
- 48CH:** Every 1 leds as 1 section, totally 16 sections (16xRGB)
- 51CH:** Every 1 leds as 1 section, total 16 sections

Here below is the 6CH mode as the setting examples for reference:

CH 1	CH 2	CH 3	CH 4	CH 5	CH 6
0-10	blackout	blackout	blackout	blackout	blackout
11-21	Master dimmer (0-255)	Flash (0-255)	Red (0-255)	Green (0-255)	Blue (0-255)
22-32	Red	Flash(0-255)			
33-43	Yellow	Flash (0-255)			
44-54	Green	Flash (0-255)			
55-65	Cyan	Flash (0-255)			
66-76	Blue	Flash (0-255)			
77-87	Purple	Flash (0-255)			
88-98	White	Flash (0-255)			
99-109	Dream	Speed (0-255)			
110-120	Meteor	Speed (0-255)			
121-131	Fade	Speed (0-255)			
132-142	Change	Speed (0-255)			
143-153	Flow 1	Speed (0-255)			
154-164	Flow 2	Speed (0-255)			
165-175	Flow 3	Speed (0-255)			
176-186	Flow 4	Speed (0-255)			
187-197	Flow 5	Speed (0-255)			
198-208	Flow 6	Speed (0-255)			
209-219	Flow 7	Speed (0-255)			
220-230	Flow 8	Speed (0-255)			
231-241	Flow 9	Speed (0-255)			
242-255	Sound active	Speed (0-255)			
			Color select		
			Color select		

