

Unit Connection



(1) Power In (12-24V):

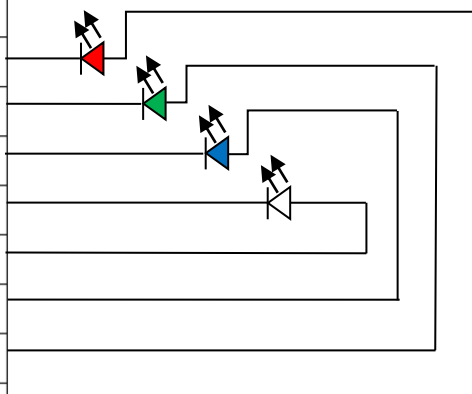
Pin	Designation
• (-)	-V
• (-)	-V
• (+)	+V
• (+)	+V

(2, 3) DMX IN/OUT:

Pin	Designation
• GND	Ground
• D-	Data -
• D+	Data +

(4) Output (Max. 4x3.5A):

Pin	Designation
• CH1(-)	LED(-)
• CH2(-)	LED(-)
• CH3(-)	LED(-)
• CH4(-)	LED(-)
• COMMON(+)	LED(+)
	LED(+)
	LED(+)
	LED(+)
• N.C.	Not connected
• N.C.	

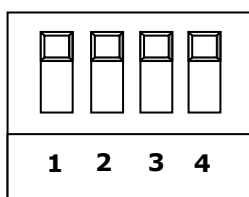


LED Indication

CH1-CH4 LEDs	Description
OFF	Channel dimmer value = 0
ON	Channel dimmer value > 0
Fast blink	Channel short-circuit
Power LED	Description
ON	Power is on, normal operation
Fast blink	PSU voltage is out of range
Pulse	Unit overheat
Communication LED	Description
OFF	No DMX512 signal detected
Blink	DMX512 signal present

Dip-Switch Settings

DIP SW MODE				Working mode				
DP1	DP2	DP3	DP4	CH1	CH2	CH3	CH4	Mode
OFF	OFF	OFF	OFF	DMX value ¹	DMX value ¹	DMX value ¹	DMX value ¹	Standard 4 channels working mode
ON	OFF	OFF	OFF	100%	0%	0%	0%	R test mode
OFF	ON	OFF	OFF	100%	100%	0%	0%	RG test mode
ON	ON	OFF	OFF	0%	100%	0%	0%	G test mode
OFF	OFF	ON	OFF	0%	100%	100%	0%	GB test mode
ON	OFF	ON	OFF	0%	0%	100%	0%	B test mode
OFF	ON	ON	OFF	100%	0%	100%	0%	BR test mode
ON	ON	ON	OFF	0%	0%	0%	100%	W test mode
OFF	OFF	OFF	ON	RGB sequence			0%	RGB test mode
ON	OFF	OFF	ON	RGBW sequence				RGBW test mode
OFF	ON	OFF	ON	DMX value				1 channel working mode
ON	ON	OFF	ON	DMX value		DMX value		2 channels working mode
OFF	OFF	ON	ON	Dimmed level	Dimmed level	Dimmed level	Dimmed level	Master dim mode (5 th virtual channel)



OFF
ON



DO NOT HOT PLUG THE MAIN UNIT TO THE BASE!



Upon power up (at any mode) the Unit shall perform a short self-test sequence: CH1→CH2→CH3→CH4 shall briefly light up one after another.

Mode Button Functions

#	Press duration	Function
0	Press 0~1sec	Fixture Identify mode
1	Press 2~4 sec	System Test mode
2	Press 6~9 sec	Set DMX Address mode
3	Press 10~12 sec	Set Level Upon Power Up mode
4	Press 14~17 sec	Reset mode



How to use:

1. Press and hold the Mode button for time duration corresponding the desired "mode".
2. While holding the Mode button, CH1+CH2 LEDs will flash alternating with CH3+CH4. The LEDs will flash faster during time window of (any) "mode" and slower during time window of "break".
3. During the time window of the desired "mode" – release the Mode button. If the button is released during time window of a "break", the unit shall return to normal operation.