

Unit Connection



(1) Power In (24-48VDC):

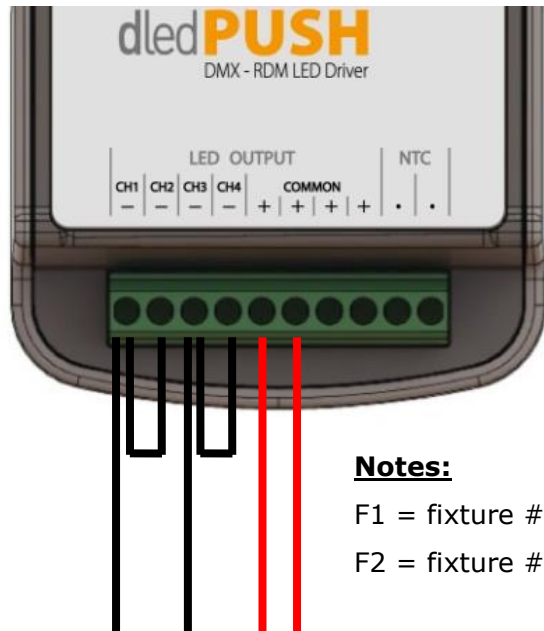
Pin	Voltage Polarity
• (-)	-V
• (-)	-V
• (+)	+V
• (+)	+V

(2, 3) DMX IN/OUT:

Pin	Designation
• COM	Signal Common
• (-)	Data -
• (+)	Data +

1050/1400mA wiring:

In order to connect 1050/1400mA fixtures to Push channels 1-2 and 3-4 must be wired together as follows:



Notes:

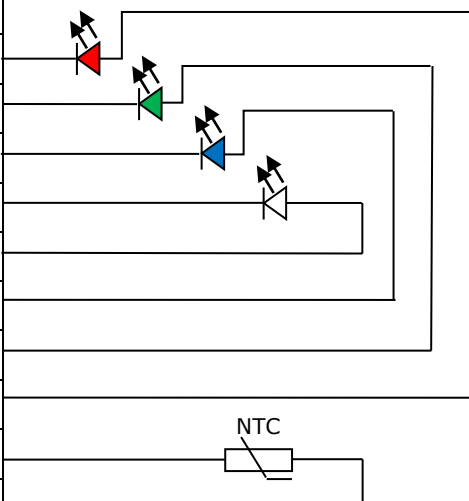
F1 = fixture #1

F2 = fixture #2

F1(-) F2(-) Common(+)

(4) Output:

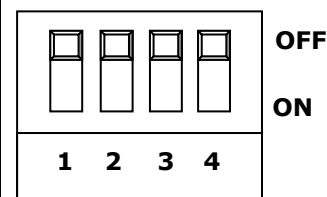
Pin	Designation
• CH1(-)	LED(-)
• CH2(-)	LED(-)
• CH3(-)	LED(-)
• CH4(-)	LED(-)
• CH1-4(+)	LED(+)
	LED(+)
	LED(+)
	LED(+)
• NTC	Thermal Protection
• NTC	Thermal Protection



- ❖ Maintain correct polarity when connecting the LEDs. Failure to do so may cause damage to the LEDs (especially at low number of serried LEDs per channel).
- ❖ If the NTC sensor is not connected, Thermal Protection will be disabled for the Output.

Dip-Switch Settings (Firmware v2.4)

DIP SW MODE				Rated Current [mA]				MODE
DP1	DP2	DP3	DP4	CH1	CH2	CH3	CH4	
OFF	OFF	OFF	OFF	350	350	350	350	4 channels
ON	OFF	OFF	OFF	500	500	500	500	4 channels
OFF	ON	OFF	OFF	700	700	700	700	4 channels
ON	OFF	ON	OFF	1050		1050		2 channels
OFF	ON	ON	OFF	1400		1400		2 channels
OFF	OFF	OFF	ON	350				1 channel
ON	OFF	OFF	ON	500				1 channel
OFF	ON	OFF	ON	1050				1 channel
ON	ON	ON	ON	700/1400				1 channel
ON	ON	OFF	OFF	700	0	0	0	R test
OFF	OFF	ON	OFF	0	700	0	0	G test
ON	ON	ON	OFF	0	0	700	0	B test
ON	ON	OFF	ON	0	0	0	700	W test
ON	OFF	ON	ON	700 (RGB sequence ²)			0	RGB test
OFF	ON	ON	ON	700 (RGBW sequence ³)				RGBW test



DO NOT HOT PLUG THE MAIN UNIT TO THE BASE!

Reset Button

#	Press duration	Function
0	Press 0~1 sec	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	Power Up Level mode
4	Press 14~17 sec	Reset mode



Setting DMX address

To set the DMX address, follow the next simple steps:

- On the DMX control panel, set the value of the desired address to '255' (Hexadecimal 'FF').
- On the PUSH unit press and hold the Reset button for a duration of 6~9 sec and then release the button. PUSH will assume the address of the channel on which '255' was detected.

Note: If more than one channel was set to '255' on the DMX control panel, then PUSH will disregard it and return to previous operation mode.