

Date \_\_\_\_\_ Project \_\_\_\_\_

Notes \_\_\_\_\_

### 5 CHANNEL DMX INTERFACE

The Acolyte 5 Channel DMX Interface is used with our DMX controllers to seamlessly operate our color changing RibbonLyte and fixtures.

- 5 Channel DMX Interface
- 12-24 VDC output
- 8 A max per channel output
- 12 V max power output: 96 W/Channel
- 24 V max power output: 192 W/Channel
- 3 DMX input styles: Terminal Block, 5 Pin XLR, RJ45
- Connect 32 max interfaces on single chain
- Over 32 devices require use of DMX signal isolator/splitter
- DMX terminator required at end of chain

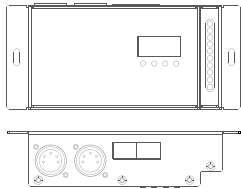


#### Applications:

Commercial	Hospitality	Residential
Entertainment	Museums	Retail
Healthcare	Public Spaces	



#### DIMENSIONS



**Width:** 2.87 in (73 mm)  
**Length:** 6.45 in (164 mm)  
**Depth:** 1.49 in (38 mm)

#### ORDERING GUIDE

STANDARD

Category

**DMXINFLCD5**

DMXINFLCD5 - 5 Channel DMX Interface

**PROGRAMMING**

**PROGRAMMING GUIDE**



<b>DMX Address</b>	Factory default setting is 001.	Press ENTER button. Display will flash. Press or hold UP or DOWN buttons to set DMX address (hold UP or DOWN buttons for quick navigation). Press BACK button to confirm.
--------------------	---------------------------------	---



<b>DMX Channels Quantity</b>	Factory default setting is Ch05.	Press ENTER button. Display will flash. Press UP or DOWN buttons to set DMX channel quantity. Press BACK button to confirm.  Example: DMX address is already set to 001. CH01=1 DMX address for all the output channels, which are all address 001. CH02=2 DMX addresses, output 1 & 3 is address 001, output 2, 4 & 5 is address 002. CH03=3 DMX addresses, output 1, 2 is address 001, 002, output 3, 4 & 5 is address 003. CH04=4 DMX addresses, output 1, 2, 3 is address 001, 002, 003, output 4 & 5 is address 004. CH05=5 DMX addresses, output 1, 2, 3, 4, 5 is address 001, 002, 003, 004, 005.
------------------------------	----------------------------------	---



<b>Bit Mode (8 bit or 16 bit)</b>	Factory default setting is 16 bit.	Press ENTER button. Display will flash. Press UP or DOWN buttons to choose 8 or 16 bit. Press BACK button to confirm.
-----------------------------------	------------------------------------	---



<b>Output PWM Frequency</b>	Factory default setting is 1K HZ.	Press ENTER button. Display will flash. Press UP or DOWN buttons to choose 00-09. Press BACK button to confirm. 00=500HZ, 01=1kHz, 02=2kHz...09=9kHz.
-----------------------------	-----------------------------------	---



<b>Output Dimming Curve Gamma Value</b>	Factory default setting is ga 1.5.	Press ENTER button. Display will flash. Press UP or DOWN buttons to choose 0.1-9.9. Press BACK button to confirm.
---	------------------------------------	---



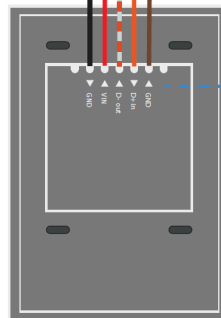
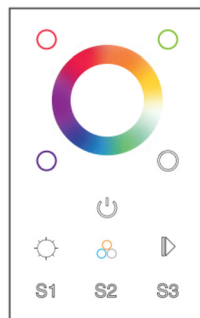
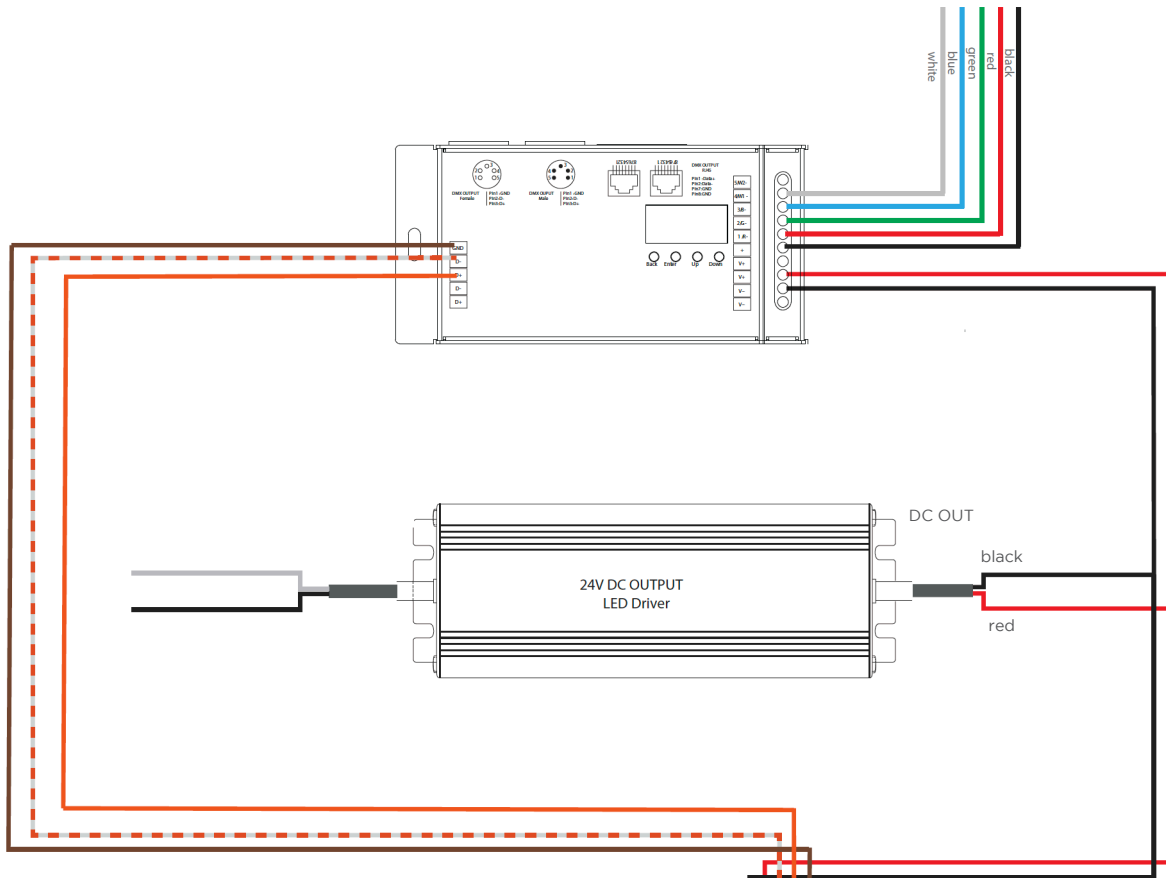
<b>Decoding Mode</b>	Factory default setting is dp1.1.	Press ENTER button. Display will flash. Press UP or DOWN buttons to choose decoding mode. Press BACK button to confirm.
----------------------	-----------------------------------	---

**IMPORTANT NOTES**

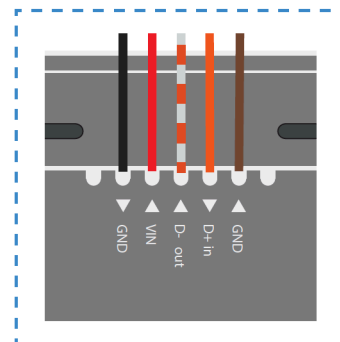
- To restore default settings, hold BACK + ENTER buttons together for 5 seconds.
- All wiring must be in a continuous run and daisy-chained. No "Tees" are permitted.
- Star wiring is only allowed in conjunction with an opto-splitter.
- Cable shield may be grounded at one end only, preferably at the control console.
- Maximum cable length is 1,800 ft when used for DMX only
- Maximum cable length for systems incorporating RDM is 1000 ft due to timing constraints
- Receiving devices have male connectors, transmitters have female.
- Wire must be Belden 9829, 9842, Cat 5 or equivalent .
- The last DMX device on the line must be terminated with a termination switch or resistor with a value of 100 to 120 ohms between pins 2 and 3.
- RJ45 connectors may be used with Cat5 cable, for permanent wiring.
- Cat5 UTP cable may be used inside metal conduit. Use Cat5 STP when installed in raceways.

CONNECTIONS

WIRING DIAGRAM



close up view



REV.02DEC2021

Acolyte does not warrant or represent that the information is free from errors or omission. The information may change without notice and Acolyte is not in any way liable for the accuracy of any information printed and stored or in any way interpreted or used.