DMX/RDM
Signal Input

OLED
Display

Digital IC Type
LED Output

MODEL
DMX-SPI-202

INPUT
5-24VDC

FUNCTION
DMX TO SPI

DMX IN — D+ D- GND
DMX OUT — D+ D- GND

OUTPUT — GND DATA CLK DC+
INPUT — DC- DC+

DMX/RDM
Signal Output
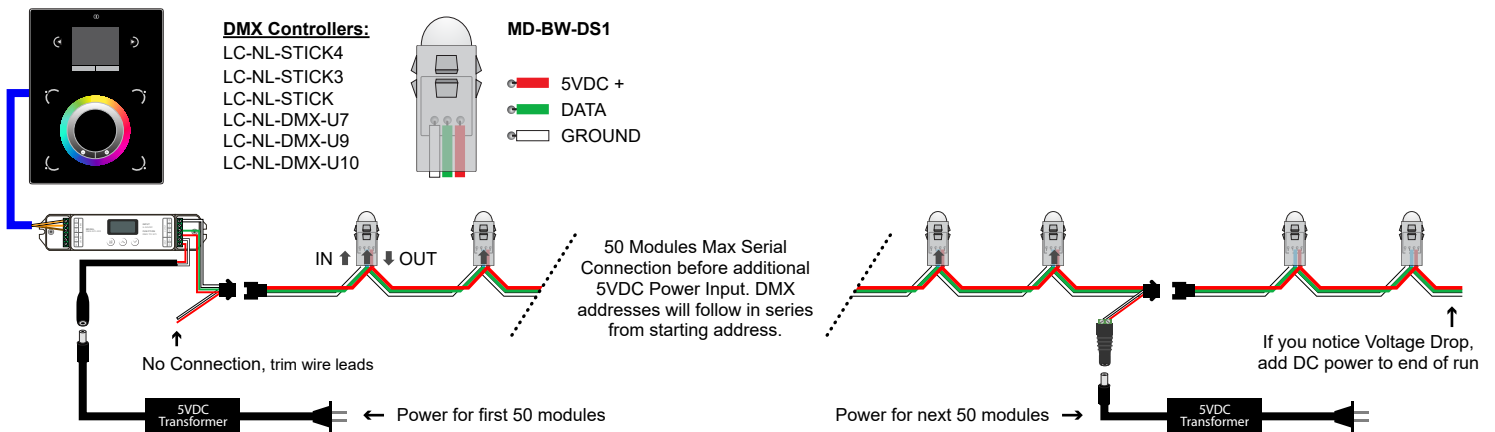
FUNCTION KEYS

5-24VDC
Power Output

Digital IC type LED lights have a directional data input/output flow, you must follow this flow or you will damage the electronics. Always input your data signal to the "DI" wires (DATE INPUT). Never wire from your DMX decoder to the "DO" wires (DATA OUTPUT). When cutting and connecting digital LEDs be sure to never reverse the flow of the string. Arrows are printed on the modules and "DI" (Data in) "DO" (Datat out) on the strips to distinguish the directional flow, do not reverse this direction.

Digital Dot Lights, 1903 IC - 5VDC

DMX Controllers:
LC-NL-STICK4
LC-NL-STICK3
LC-NL-STICK
LC-NL-DMX-U7
LC-NL-DMX-U9
LC-NL-DMX-U10

MD-BW-DS1
- 5VDC +
- DATA
- GROUND

IN ↑ ↓ OUT

50 Modules Max Serial Connection before additional 5VDC Power Input. DMX addresses will follow in series from starting address.

If you notice Voltage Drop, add DC power to end of run

No Connection, trim wire leads

5VDC Transformer

← Power for first 50 modules

Power for next 50 modules →

5VDC Transformer

Digital LED Strip Lights, 1803 IC - 12VDC

DMX Controllers:
LC-NL-STICK4
LC-NL-STICK3
LC-NL-STICK
LC-NL-DMX-U7
LC-NL-DMX-U9
LC-NL-DMX-U10

RL-SC-DS-1 / RL-SC-DS-2

GROUND — GND
DATA IN — DI
12VDC+ — +12V

GROUND — GND
DATA OUT — DO
12VDC+ — +12V

3-5 Meter Max Serial Connection before additional DC Power Input. DMX addresses will follow in series from starting address.

Power for each additional strip light roll, power at end of roll
Not necessary for first strip light!! →

DC Transformer

← Power for first roll of strip light

DC Transformer