

# USAI INTEGRAL DRIVER

## WIRING INSTRUCTIONS

### DMX Dimming

#### DIMMING DRIVER WIRING SCHEMES:

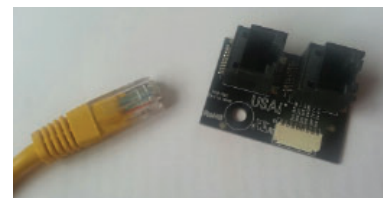
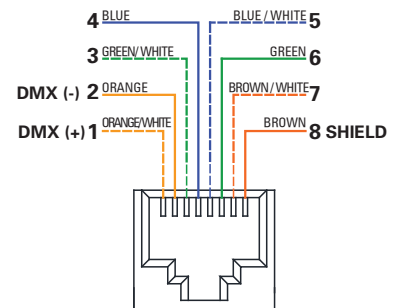
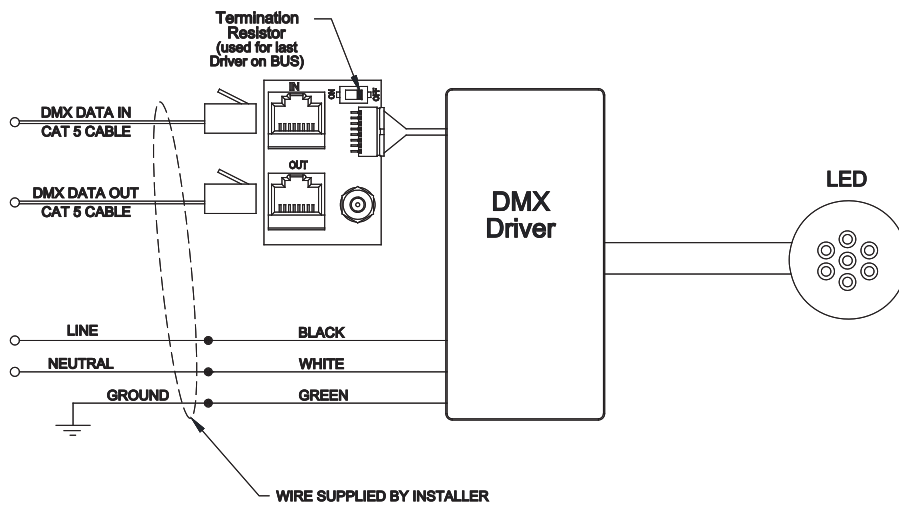
##### NOTES:

Wiring diagrams are examples of typical installations intended to illustrate the number of wires that must be run to fixture. These diagrams are not intended to specify all equipment necessary for a given dimming circuit. Refer to specific dimmer manufacturer's documentation for details.

#### IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS

1. Keep these instructions in a safe place for future reference.
2. Only qualified electricians in accordance to local codes should install these fixtures.
3. De-energize the electrical circuit at the circuit breaker prior to installation process or servicing.
4. Make sure all connections are in accordance with the National Electrical Code and any local regulations.

#### DMX Dimming Driver Wiring



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### DMX Dimming

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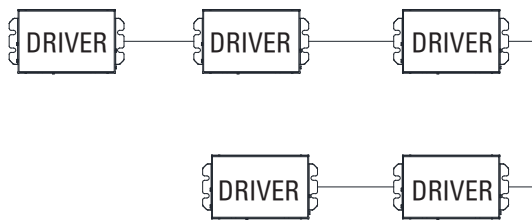
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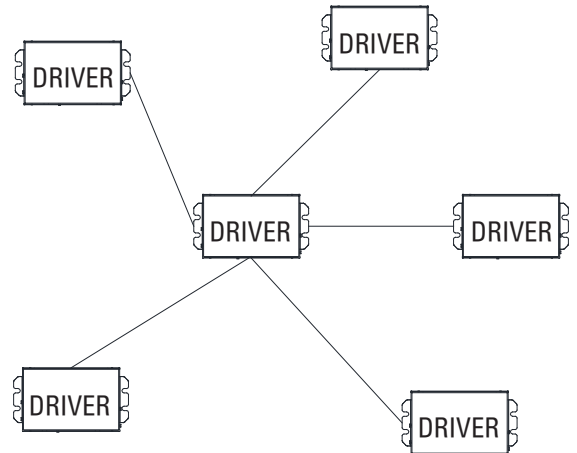
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#### DMX MUST BE DAISY CHAINED IN SINGLE LINE

##### CORRECT !



##### INCORRECT !



##### NOTES:

1. DMX signal cable must NOT be run in same conduit as high voltage AC power lines.
2. Fixtures must be daisy chained in one serial line using Data in and Data out
3. Maximum of 32 DMX devices on single DMX bus
4. Maximum of 1000' serial communication link distance
5. To avoid signal loss, DMX signal terminator should be used on last Fixture in line. This is provided through a dip-switch on the DMX512 interface board.