



FLEXFIRELEDs

# DMX Accessories

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User Guide



## Safety & Warnings

- To reduce the risk of electrical shock or fire, do not expose these components to rain or moisture.
- Disconnect your set-up from the main power before making any type of connection.
- These products are intended for indoor use only, using them outdoors voids all warranties.

## Specifications

### XLR-3 DMX Terminator



**Connector Type:** XLR-3

**Warranty:** 2 Years

**IP Rating:** IP20 (Indoor use)

**Product Dimensions:** 2.6" x 0.7" (6.6 cm x 1.8 cm)

#### What is this connector for?

The DMX Terminator is essential for projects with long chains of decoders. This terminator will avoid signal distortions when placed at the end of a decoder chain.

#### Installation Instructions

1. Before making any connections, make sure to disconnect your set-up from its main power.
2. Insert the terminator into the female XLR connector port of the last unit in your daisy chain to terminate the line.

## Specifications

### 2 FT CAT5e Patch Cable



**Connector Type:** RJ45

**Wire Length:** 2 ft (61 cm)

**Wire Gauge:** 24 AWG

**Warranty:** 2 Years

**IP Rating:** IP20 (Indoor use)

**Product Dimensions:**  
24" x 0.5" x 0.3" (61 cm x 1.28 cm x 0.76 cm)

#### What is this cable for?

This data cable is ideal for customers who need to do short runs of wiring between their decoders, splitters, and DMX controllers.

#### Installation Instructions

See Instructions for the DMX XLR3 connectors to see how this wire can be used to make your own DMX cable. Or simply plug into the existing RJ45 ports on your DMX fixtures.

## Specifications

## XLR-3 DMX Connectors



**Connector Type:** XLR-3

**Warranty:** 2 Years

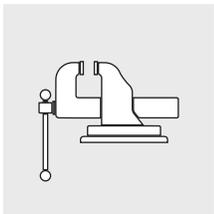
**IP Rating:** IP20 (Indoor use)

**Product Dimensions:** 2.6" x 0.7" (6.6 cm x 1.8 cm)

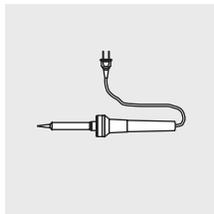
### What is this connector for?

The XLR-3 Male and Female DMX Connectors allow customers to create their own DMX cables using DMX or CAT5 cable. This is ideal for customers who need to create custom lengths of wiring between their DMX fixtures.

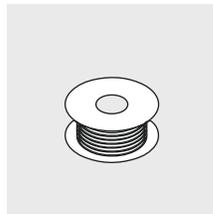
## Tools Needed



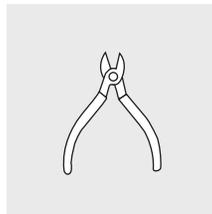
Vice



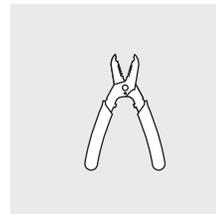
Soldering  
Iron



Lead Solder  
Wire



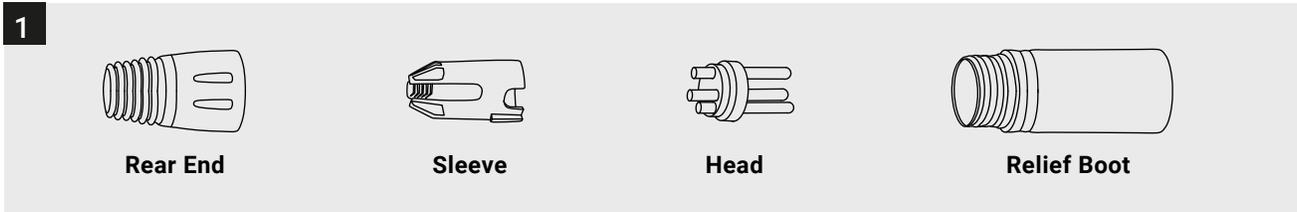
Wire  
Cutters



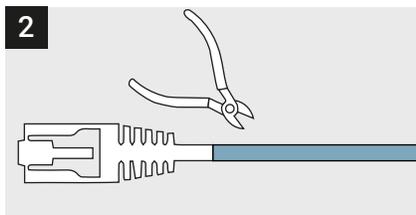
Wire  
Strippers

## Installation Instructions

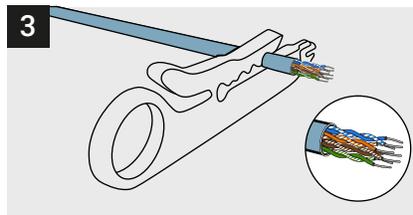
- Before making any connections, make sure everything is disconnected from the main power.
- When making your own DMX cables, make sure to use standard 110-120 Ohm shielded cable, such as our CAT5e Patch Cable.
- Remember that DMX cables must be daisy chained, or split digitally with a DMX splitter. Never attempt to create DMX T or Y splice cables.



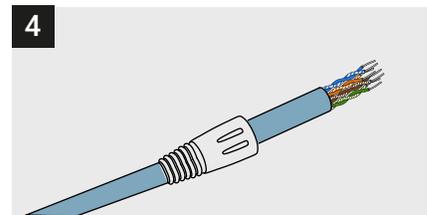
Grab your DMX connectors and open them. They should be split into four parts: the rear end, the sleeve, the head, and the relief boot.



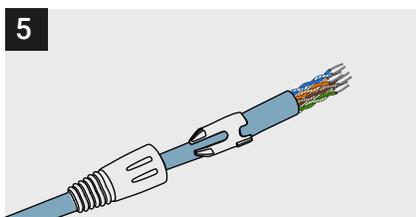
Cut one end of the CAT5 cable using your wire cutters.



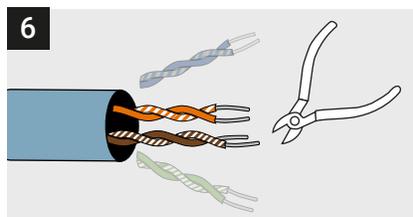
Using your wire strippers, remove the wire sheath at the end(s) of the CAT5e Patch Cable.



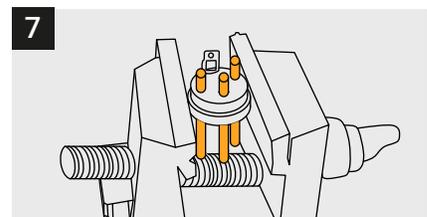
With the cables exposed, slide all the cables inside the rear end of the connector's housing.



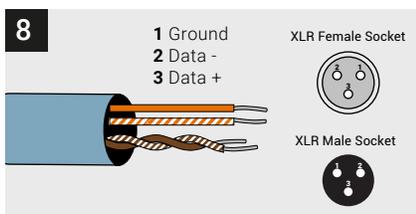
Afterwards, slide down the sleeve that comes with the connectors.



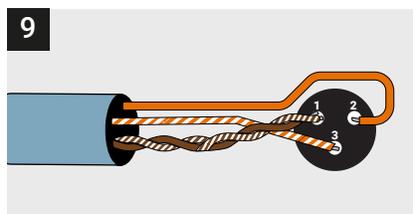
Cut the blue and green sets of wires with your cutters. Keep the orange and brown sets.



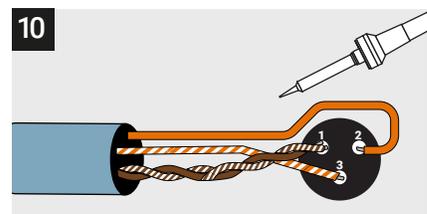
Grab the connector head and hold it using the vice. Set it aside.



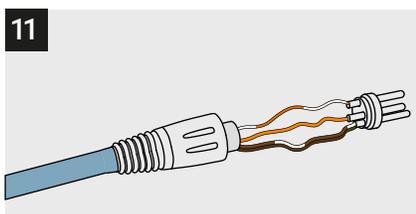
Separate the orange wire from its companion white wire, and leave the brown wire tangled with its companion white wire. Strip all three wires using your wire strippers.



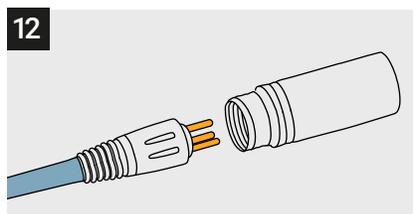
Following the diagram above, the Brown and Brown/White wires will go together into Pin 1 (Ground), the Orange/White wire will go into Pin 3 (Data+/Hot), and the Orange wire will go into pin 2 (Data - / GU).



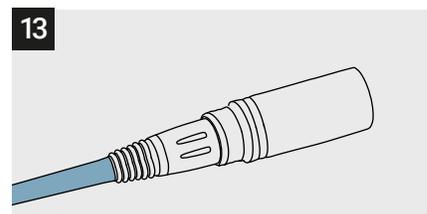
Solder your wires into the corresponding connector pin.



After soldering, the connectors can be reassembled. Pull the connector sleeve and make sure its grooves align with the grooves on the connector head.



Slide the relief boot in.



Pull the connector's rear end and screw it into the other part of the connector. After you finish, test your connector.

## Warranty Information

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### Limited Warranty

This product has a 2 year limited warranty from the date of shipment. This warranty only includes the main product outlined in this specification sheet and does not include the additional accessories that are used as a reference. Complete warranty details for fixtures and additional accessories are available at: <https://www.flexfireleds.com/warranties/> within the Policies section. For warranty related questions please contact the product support team at [support@flexfireleds.com](mailto:support@flexfireleds.com).

### Consumer's Acknowledgment

Flexfire LEDs, Inc. stands behind its products when they are used properly and according to our specifications. When you purchase our products, you are agreeing to the terms and conditions outlined in our warranty section. We try our best to make recommendations, but the burden of proper installation, design, and maintenance relies on the purchaser. This limited warranty does not include product failures that are the result of: Not using a voltage regulated power supply to connect the LED product or controls; Connecting LED products to the wrong output voltage; Improper connection of power supplies, LED products, or controls; Connecting LED products or controls directly to any AC power source if they are stated for DC only input; Connecting power supplies backwards to an AC power source; Products used in an inappropriate location or in environmental conditions (temperature, humidity, moisture, etc.) outside the normal specified range; Water damage to products not specifically sold as waterproof products; Electrical power surges and spikes; Damage from hail, flooding, tornado, fire, wind, earthquake, lightning, electrical storm, or any other natural disasters or "force majeure" incidences; Damage caused by a vehicle or other accident; Damage caused when transporting the item; Damage to any products that were modified by the user, used for purposes other than as intended or directed, or connected to LED systems or components not purchased from Flexfire LEDs; Products that have been subjected to misuse, mishandling, misapplication or accident. Products used in connection with any components, devices or systems other than those explicitly approved as compatible with Company's products and listed on Company's website. Excessive wear and tear and/or physical or accidental abuse, loss, or theft. Improper repairs or warranty services performed by someone other than Flexfire LEDs will void this warranty.

## Contact Information

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**[www.flexfireleds.com](http://www.flexfireleds.com)**



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