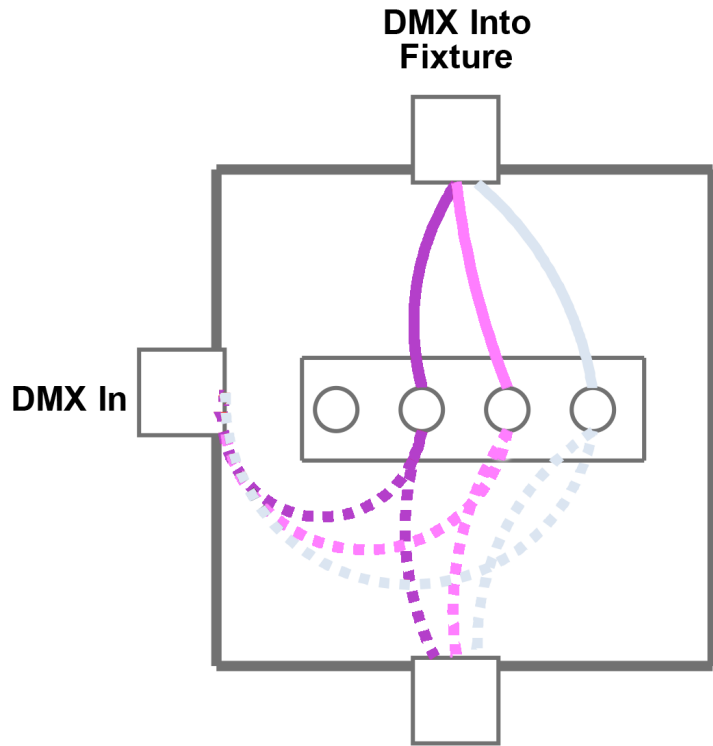


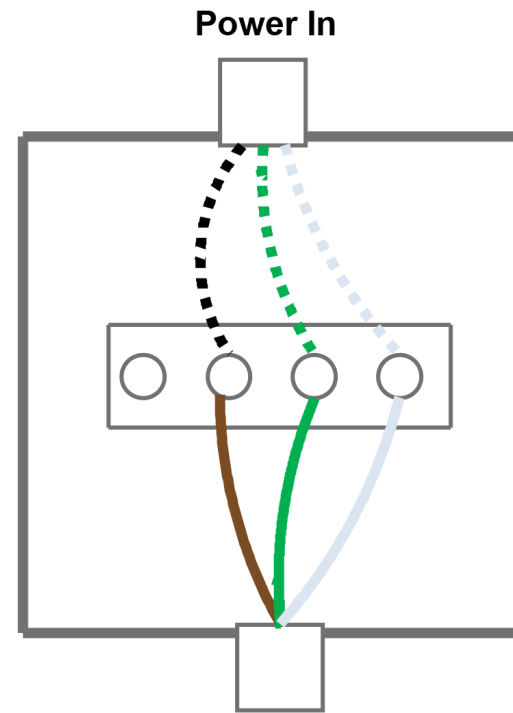
## Phantom 100 and 200 Junction Box Layout

**DMX J-box**



**DMX Out**  
Violet is +  
Pink is -  
White is GND

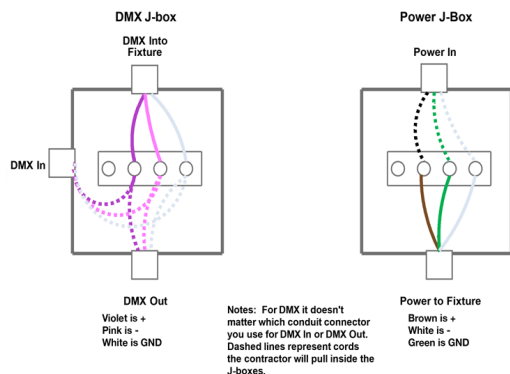
**Power J-Box**



**Power to Fixture**  
Brown is +  
White is -  
Green is GND

**Notes:** For DMX it doesn't matter which conduit connector you use for DMX In or DMX Out. Dashed lines represent cords the contractor will pull inside the J-boxes.

See J-box layout



Phantom 100W RGB

Phantom 200W RGB



Laptop for Programming

USB



STICK1 or any DMX controller

DMX Signal Line

GND



Splitter/Booster  
Insert here if more than 32 Fixtures  
120VAC In only.



Fixture 1

120/240VAC In

To Next Fixture, up to 32 in a daisy chain.

DMX

Fixture 32

Term.

120/240VAC In

Notes: From the DMX Controller to the last fixture in line you can run 1000' and 32 fixtures. If you go above 32 fixtures you must use the Splitter Booster (120VAC only). The Splitter Booster has an input (from the controller) and 6 outputs. Each output can have 32 fixtures and up to 1000' to the last fixture. For runs of over 20 fixtures we recommend a DMX terminator plug at the end. Red line is DMX cable- AWG18/3 or AWG18/2 with a shielded braid. Belden 88770 or 3105.

Questions: TPR Enterprises  
914-698-1141