Wiring and Installation Details

Mount the LightSync DMX Driver module in an easy to access location close to the DMX loads to be controlled. Install remote enclosure to electrical j-box and terminate the unswitched 120/227VAC line voltage to the power supply. Connect CAT-5 data cable from ILC panel and DMX cable from the lighting fixtures to be controlled to the DMX output terminal. Refer to "LightSync DMXD Installation and Configuration" document and the "LightSync DMX Driver Module Programming Guide" for additional information and jumper settings.

24VDC Power to LSDMD module connect Red (+) to the one outer pin and Black (-) to center pin

LightSync DMX Driver module (LSDMXD)

CAT-5 cable from LightLEEDer panel LightSync local bus to LSDMXD "IN"

1/2" KO

LightSync device address (04 shown)

DMX range selection (1 = 8 channels)

1/2" KO

Pre-Drilled mounting holes (2)

9.25" x 6.50" Remote Enclosure

1/2" Nipple for connection to electrical junction box

End-of-Line termination by jumping the "TERM" header with the shunt provided. consult with fixture manufacturer recommendations

24VDC Power supply

Connect DMX-512 output to lighting fixtures with a shielded twisted pair 18AWG or as recommended by fixture manufacturer

Note: Terminate shield to RS-485 ground at one end of cable only

110/277V Line - Brown Neutral - Blue

CAT-5 cable from LightLEEDer panel LightSync local bus to LSDMXD "IN"