Components of a complete system include: Aion LED A-Track Light Engine, Aion LED A-Track housing with diffuser lens, & Aion LED driver (power supply). Dimmer not included. Approved dimmers, controls, power supplies, cable, & other components only. Contact Aion LED for questions regarding compatibility. Electrician installed. Strictly adhere to NEC & local building code. Limited 5-year warranty against manufacturing defects only, does not cover labor; voided by: inadequate ventilation, field modifications, installation by unqualified personnel, unapproved controls, drivers, cabling, other devices, not following installation guidelines & protocol, general negligence. Installer assumes all liability with regard to property & safety. This product is UL listed. See separate “Aion LED Warranty Terms” & additional instructional materials for more information. Authorized installers only. Systems tested prior to shipping.
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**Wiring Diagram**

**D100-X2**

- **Installation Instructions**
  1. Install per NEC and Local code by qualified personnel
  2. Requires UL Listed enclosure with adequate ventilation
  3. Strain-relief wiring to enclosure to prevent wires from pulling out
  4. Wire AC power with 18AWG power wire
  5. Ensure that jacket goes all the way into connector
  6. Connect DMX controller to ‘DMX in’ on first unit with Belden 9841 DMX wire (plus, minus, shield),-or- shielded CAT5/6
  7. Daisy chain additional units from ‘DMX out’ to ‘DMX’ of following unit with Belden 9841 cable -or- shielded CAT5/6
  8. Terminate only the final unit in DMX chain via programming interface
  9. Wire fixture to wire harness with wire nuts [White, Yellow, DC+ (Black)]
  10. Drivers are pre-programmed and tested at Aion LED for specific Aion LED fixtures. Each of the four D100-X series models (X1,X2, X3, X4) ship with a separate and unique Aion LED factory wiring harness for plug and play functionality and to eliminate mistakes in the field. Aside from changing the default DMX address (1) via supplied GUI interface, or activating “Termination” on the final unit in a control chain, only certified integrators and qualified personnel should attempt changing other settings. Default programming settings are for reference only.
Programming Guide
D100-X2

USER MENU

| M | DMX Address = 1 Default |
| M | Network Resolution = 8 bit |
| M | Term = No |
| M | Network Set = Manual |
| M | Interpolation = White |

TO LOCK/ UNLOCK MODE MENU

| M + + | Hold for 3 seconds, then select (+) or (-) to lock or unlock |

TO ACCESS OUTPUT MENU

| M + + | Hold for 0.5 seconds |
| M | LED = 2 - 4 L |
| M | External Input = OFF |
| M | Dim Curve = Log |

TO ACCESS MODE MENU

| M | Hold for 3 seconds |
| M | SET MODE = DMX |
| + + | SET MODE = DMX, DALI, SHOW |
| M | Select M to Select |

Can operate Aion LED X Series with DMX or DALI controls. DMX as default. To change to DALI, follow appropriate steps on page 2 of programming guide.

Ensure all wiring is correct and properly terminated.

Default DMX address is 1 and can be changed via GUI interface.

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**Programming Guide**

**D100-X2**

**DALI**

- Press M to view the number of ballasts connected (Channels per fixture). Address is set by DALI Control (or via LED type set in DMX menu.)
- Press M again to view address (ADDR SET) or if one has not been set (NO ADDR)
- Press M again to exit configuration and turn off display

**SHOW**

- Press M and (+) or (-) to select a different SHOW sequence (1-20)
- Press M again and (+) or (-) to change the speed (SPD) of the selected show sequence (-99 through 99)
  - -99 Twice as Slow
  - 0 Sequence's Default
  - 99 Twice as Fast
- Press M again and (+) or (-) to change the intensity (INT) of the selected show sequence (0 through 255)
  - 0 Off
  - 255 Full On
- Press M again to exit configuration and turn off display

In DALI mode, fixtures are addressed through the DALI controller

SHOW mode is intended to pretest fixtures prior to controls installation. Return to DMX or DALI mode after testing.