



LSI CONTROLTrack FAQ

CONTROLTrack General

1. What protocols does CONTROLTrack support?

- LSI will currently support 0-10, DMX, Lutron Ecosystem, and Dali protocols. Any other protocols that can be transmitted over three conductors are also feasible.

2. Will my non-CONTROLTrack fixtures work with CONTROLTrack?

- Yes, CONTROLTrack is backwards compatible with all LSI fixtures. You may deploy a mixture of “smart” and “traditional” fixtures on CONTROLTrack. Moreover, “smart” fixtures can be used on “traditional” track as long as no dimming is required.

3. Can I intermingle 2-power-circuit Seamless Track with CONTROLTrack? Can I intermingle protocols?

- Yes, the new LSI Seamless track can switch configurations at each feed point. One can run 2 circuit track mixed with DMX sections mixed with 1 circuit sections mixed with 0-10 sections if needed.

4. Can Gemini incorporate CONTROLTrack?

- Yes. The track in the bottom of the Gemini system can be CONTROLTrack.

5. Are there X, L, and T joiners?

- Initial offering will be straight runs of surface track only. There will be a full complement of configurations available soon.

6. Is there recessed CONTROLTrack?

- Yes, upon initial release we can offer the recessed housing. There will be a dedicated recessed flanged/flangeless CONTROLTrack in the future.

7. Can you use Dim To Warm on CONTROLTrack?

- Currently offered Dim To Warm can be used with CONTROLTrack using 1-10 or DMX controls. Lumenetix modules with 0-10, DMX, or Lutron Ecosystem controls can be made as specials.

8. Can CONTROLTrack be vertically (wall) mounted?

- Yes.



9. Can I dim the track with phase dimming in addition to existing controls?

- No, the track must not be dimmed with phase dimming. Phase dimming the track will interfere with the power supplies in the lights. The track can be switched off to eliminate parasitic power draw.

CONTROLTrack DMX

1. What fixtures will be compatible with DMX control?

- All LX, LP, and BP series fixtures will be compatible. Additionally, all line voltage SSL fixtures will be compatible.

2. Can DMX be branched, spliced, or looped?

- No, CONTROLTrack DMX layouts must be made in such a way that the DMX is in straight home runs only. No splitting, looping, or splicing is allowed. Additionally a terminator must be placed at the end of every DMX run.

3. What are the limits on the number of fixtures and length of DMX run?

- A DMX universe can control 512 addresses. However each run of DMX must be kept under 1000 feet. Additionally each DMX run must house no more than 32 DMX fixtures.

4. Are you developing any app-based controllers for use with the CONTROLTrack?

- Not currently. There are various Ethernet to DMX converters which allow for an app based control of DMX.
- Fresco (Acuity Brands) has various touch panel and slider operated DMX controllers at an affordable price.
- Entec ODE converters can be used in conjunction with a variety of DMX over IP apps or programs such as the Luminaire app for IOS and Android tablets/smartphones.
- Nicleaudi DMX controllers can be used as standalone units or be controlled with apps such as EZ-Remote for IOS and Android devices.

5. How many universes? What's the back end controller?

- Whatever you want. The CONTROLTrack is agnostic, almost like cabling. Multiple universes could be created on sections of track that are isolated from each other.

6. How are DMX addresses set on the fixtures?

- Each fixture will have a set of three discrete rotary switches which the user can use to set the address. Additionally the fixtures can be pre-addressed at the factory for your convenience at an additional charge.



7. Are there any additional DMX features unique to LSI product?

- Yes, each fixture will also have a set of dynamic and static presets including strobe functionality. There will also be a provision to use the fixture in an On-Board dimming mode instead of responding to DMX commands.

8. Can we use RDM to control/address the fixtures?

- Not at this time. LSI CONTROLTrack is capable of RDM communication but the current generation of fixtures is not.

9. Can I control Non-LSI devices with CONTROLTrack?

- Yes there is a takeoff box that will provide a DMX jack and fused line voltage outlet.

10. What if my space is not wired for DMX?

- LSI offers wireless DMX solutions which can get the DMX signal from your controller to CONTROLTrack which do not require running additional DMX wiring.

CONTROLTrack 0-10

1. How many control groups does LSI CONTROLTrack allow in 0-10 mode?

- LSI CONTROLTrack carries 3 conductors on the control side. This allows for 2 0-10 control zones. Control zone can be selected on every 0-10 fixture via a discretely hidden switch.

2. How deep will LSI 0-10 fixtures dim?

- Standard 0-10 dimming is 10% but LSI also offers “Flicker Free” XIM dimming down to 1% on LX product.

1. Can I dim the track with 0-10 or Dali dimming in addition to the BLE controls?

- Yes, additional functionality can be achieved by dimming the fixture with 0-10 or Dali dimming. This can be used to set and adjust the maximum level, or override the BLE controls.

2. Are there sensors compatible with this system?

- We provide BLE compatible sensor suites that are compatible with the system. The sensors can report occupancy, light levels, humidity, temperature, and acceleration (motion). The system can log all five outputs, and can respond to occupancy and light levels.

3. How are sensors integrated?

- Sensors can be built into the fitting of any fixture, or placed into their own fitting for maximum flexibility. This allows you to place sensors where they are needed