LSI CONTROLTrack FAQ

CONTROLTrack General

1. **What protocols does CONTROLTrack support?**
   - LSI will currently support 0-10, DMX, and Lutron Ecosystem. 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-circuit POWERTrack with CONTROLTrack? Can I intermingle protocols?**
   - Yes, the new LSI POWERTrack 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. **Is there recessed CONTROLTrack?**
   - Yes, recessed flangeless CONTROLTrack is available. Applications requiring recessed flanged CONTROLTrack would use the recessed flanged housing with surface CONTROLTrack.

6. **Can you use Dim To Warm on CONTROLTrack?**
   - Yes, currently offered Dim To Warm fixtures can be used with CONTROLTrack using 0-10V or DMX controls.

7. **Can CONTROLTrack be vertically (wall) mounted?**
   - Yes.

8. **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 daisy chain topology. No splitting, looping, or splicing is allowed between track sections without proper DMX branching equipment. 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, LSI DMX fixtures have an on-board dimming mode instead of responding to DMX commands. When the addressing knobs are set to 900, the fixture will be at its lowest light level. At 999, the fixture will be at the maximum. This feature does not apply to Lumenetix fixtures.

8. **Can we use RDM to control/address the fixtures?**
   - Only LSI's Lumenetix fixtures are capable of RDM addressing at this time.

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. Please contact LSI for more information regarding wireless DMX solutions.