

Smart Track Lighting Systems

Altman Smart Track Lighting Systems are a revolutionary way to bring DMX/DALI** control and power to addressable architectural / theatrical luminaires. Smart Track eliminates the need for additional data wiring. Smart Track Lighting is easy to lay out, install, and offers lighting professionals the opportunity to create and activate new lighting scenes time after time. Smart Track Lighting is a track based lighting system that carries both power and data down the same track system. This system allows for simple installation of “smart luminaires” which when connected to the Smart Track can be controlled via DMX. As with all DMX systems - DMX rules need to be followed for proper fixture control. The Smart Track Lighting System works in conjunction with numerous Altman luminaires from Incandescent to LED. These fixtures include but are not limited to the Altman Gallery, IQ Series, UV, LED and Micro series products.



Luminaires fitted with smart track adapters have an addressable DMX dimmer for quartz units and DMX interface for LED color changing and white lighting units. Units fitted with “Non-Smart” track heads work through direct power and cannot be addressed or controlled via data but can be controlled if the head end of the track is outfitted with a mains dimmer. Note that the fixtures attached to the track must also be suitable for use with a phase cut dimmer.

These unique features and capabilities of Altman Smart Track Lighting System make it the ideal solution for many applications. The system is suitable for retail stores, museums, churches, restaurants, theme parks, night clubs and much more. Altman Smart Track Lighting System is a comprehensive system of components that offer innovative solutions for transporting control signals as well as power to individual luminaires. The heavy duty extruded aluminum track is ideal for demanding applications where a low profile look is desired and numerous luminaires are required.

Altman Smart Track luminaires retain their identity and programming, even when moved from location to location along the track. The Smart Track Lighting System is compatible with DMX and many are RDM enabled (Remote Device Management) and DALI luminaires. It can also be integrated into existing systems to transform into new designs. By incorporating the digital control signal into the track, this system allows dimming and lighting effects to be obtained when using any of the numerous compatible Altman luminaires.

Product Features:

- Multiple Mounting Options including Pendant, Aircraft Cable, and Direct Ceiling
- High Quality Extruded Aluminum Track with integral Data Distribution (DMX/RDM) that Supports:
 - Up to 32 DMX devices per data run
 - Up to 20 RDM devices per data run
- Two-circuit track with separate neutrals for 120 Volt applications
- Three- circuit track with single neutral for 230 volt applications
- Track can easily be cut in the field
- Rugged design supports up to 22-pounds per foot when installed according to instructions
- Multiple options for track coupling allowing for just about any layout design
- Rugged Multi-Adapters to Support and Supply Power and Data to Smart Track Luminaires
- Complete line of:
 - Live End Feeds
 - Dead End Caps
 - In-Line Couplers
 - Feed Thru Connections
 - L-Turns (left and right)
 - Flexible Couplers
 - “X” Connectors
 - “T” Connectors
 - Data Terminations
- Available in black, white and silver
- cULus Listed and CE marked for indoor use
- Two-year warranty

Ordering Information

Smart Track 2-Circuit (120 VAC) and 3-Circuit (230 VAC) Track

The track is available in black or white powder coat or silver anodized. All system components and adapters are available in white, black or silver painted finish. Please refer to the specific luminaire's datasheet for available color choices for your specified Smart Track Luminaire.

Model	Description
ASL-23310*	4-feet, 2-circuit Smart Track, 120 VAC
ASL-23320*	8-feet, 2-circuit Smart Track, 120 VAC
ASL-23330*	12-feet, 2-circuit Smart Track, 120 VAC
ASL-22510*	1-meter, 3-circuit Smart Track, 230 VAC
ASL-22520*	2-meter, 3-circuit Smart Track, 230 VAC
ASL-22530*	3-meter, 3-circuit Smart Track, 230 VAC
ASL-22540*	4-meter, 3-circuit Smart Track, 230 VAC

*Note: * Add one of the following codes for track finish: 3-1 Silver, 2-2 Black, or 1-3 White.*

Smart Track Accessories

Model	Description
ASL-99802*	Live End with Ground Contact Right
ASL-99803*	Live End with Ground Contact Left
ASL-99874*	Straight Coupler (for Data)
ASL-99806*	Straight Coupler (with Data and Power Input)
ASL-99809*	L-Coupler with Ground Contact Inside
ASL-99810*	L-Coupler with Ground Contact Outside
ASL-99813*	T-Coupler with Ground Contact Right
ASL-99814*	T-Coupler with Ground Contact Left
ASL-985812*	2 Circuit Flexible Straight Coupler
ASL-99816*	X-Coupler
ASL-1986000060*	J-Box Cover
ASL-99780*	Multi Adapter with DMX Terminator
ASL-99900*	End Cap for covering the end of the track
ASL-99507*	Mechanical Universal Adapter (1/2-inch) for loads up to 22 lbs. (10 kg)
61-0265	RAD (Remote Authorization Device) for Addressing Fixtures via RDM
TLA-CAT5DMX-*	CAT5 Data port for feeding DMX512 in or out of Smart Track
ST-PTO	Eutrac to PowerCON - Power Only Adapter (Black Only)
ST-PDIO	Smart Track to PowerCON / 5-Pin XLR - Power and DMX Adapter (Black Only)

*Note: * Add one of the following codes for track finish: 3-1 Silver, 2-2 Black, or 1-3 White.*

Altman Lighting Smart Track lighting system provides power and data to equipped fixtures, which facilitates endless design possibilities to meet virtually any track lighting design and your lighting expectations. Please consult Altman Lighting's Smart Track Application Guide for application requirements and design recommendations / suggestions. The application guide can be found on the Altman Lighting web site at <http://www.altmanlighting.com/product/smart-track/>.



The Altman Gallery Series Luminaires are the latest addition to the Smart Track Lighting System compatible fixtures. Refer to the Gallery Series Luminaire product information for more details.

Smart Track Suspension Devices

Model	Description
99-19810000900W	5-inch Ceiling Canopy Kit for Pendant Stem Suspension
99-19810002301W	24-inch Length Pendant Stem
99-19810002401W	48-inch Length Pendant Stem
99-198000001*	2-inch Pendant Mounting Clip
99-198000002*	4-inch Pendant Mounting Clip (required at every Straight Coupler joint)
99-1980000380*	6-inch Pendant Mounting Clip (required for suspension of Live End Feeds)
ASL-000004-01	T-Bar Clip (Silver Only)

*Note: * Add one of the following codes for finish: 3-1 Silver, 2-2 Black, 1-3 White. Some items are only available in color noted in their description. For colors other than white, consult factory before ordering.*

Spackle Flange Recessed Mount

Model	Description
ASL-19850001000	Spackle Flange Profile for Recessed Track - 12.5 Feet (Can be Field Cut to Length)
ASL-19800003600	End Cap for Spackle Flange Profile
ASL-19800003300	Mechanical Straight Coupler for Spackle Flange Profile (3) couplers required at each coupling
ASL-19800003700	Suspension Hanger for Spackle Flange Profile (1) hanger required every 3 feet - (2) hangers required at each coupling.
ASL-19800003400	Feed Fitting for Spackle Flange Profile
ASL-19850001600	L-Coupler for Spackle Flange Profile
ASL-19850001700	T-Coupler for Spackle Flange Profile
ASL-19850001800	X-Coupler for Spackle Flange Profile
ASL-19813000700	M4x4, Set Screw - Knurled Cup PT, Stainless Steel
ASL-19813000800	M5x16, Screw PH Pan HD, Stainless Steel

Note: All Spackle Flange parts and accessories are provided in natural finish.



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All specifications, descriptions, information, design, etc. contained in this document are subject to change without prior notice.
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