

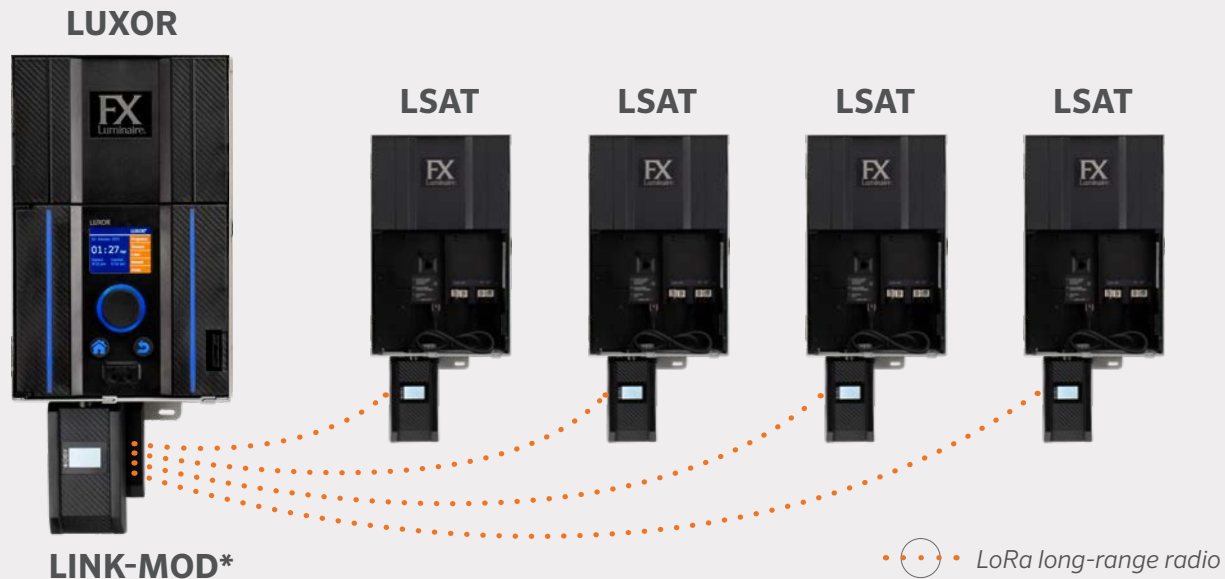
LUXOR® WIRELESS LINKING

Save time and labor with secure, reliable connections — no trenching required!

KEY BENEFITS

Easy Wireless Communication

Use the Luxor Wireless Linking Module (LINK-MOD) to enable wireless communication between a primary Luxor® Controller and Luxor Satellite (LSAT) Controllers while maintaining a single point of control. Eliminate the need to hardwire controllers using Cat 5/5e/6 cable.



Secure and Reliable Operation

This innovative solution uses LoRa® radio, a frequency-driven wireless communication that provides secure and stable long-range communication beyond what Bluetooth® and Wi-Fi can offer.



Seamless Installation

The LINK-MOD mounts cleanly to the Luxor Controller cabinet. The easy-to-read LCD provides real-time system diagnostics.



*Or LINK-MOD-E for use outside of North America.



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WHEN CHOOSING

Challenge: You don't know whether to use traditional hardwired Luxor Linking connections or Luxor Wireless Linking.

Solution: The Luxor Wireless Linking Module eliminates the need to establish a hardwired Cat 5/5e/6 connection between controllers. Regardless if controllers are side-by-side or spread throughout a property, the LoRa radio provides long-range communication without needing to build custom cables, purchase conduit, or trench for installation. Wireless Linking also eliminates the possibility of surge failures due to lightning or other surge-type events.



WHEN DESIGNING

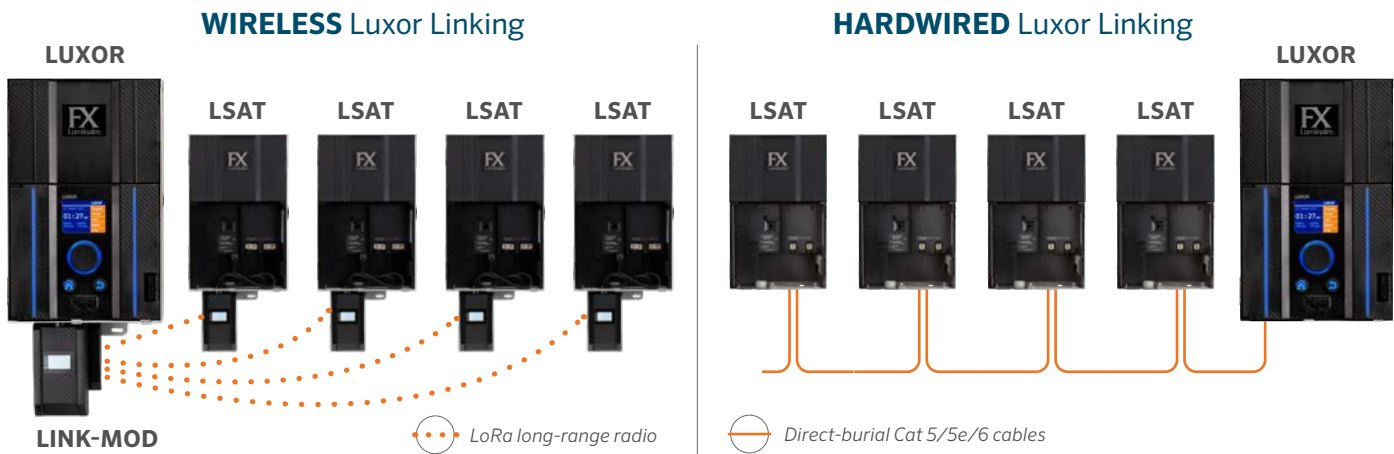
Challenge: With hardwired Luxor Linking, it is difficult to verify communication statuses and controller loads for each Luxor Controller and Luxor Satellite Controller.

Solution: Luxor Wireless Linking allows each module to be programmed to unique Chassis IDs. This makes it easy to identify each controller on the Luxor diagnostics screen. Setting the Network ID and Wireless Channel for each site ensures all modules will communicate properly.

Diagnostics					
Wireless Chassis Number	1	2	3	4	5
Communicating	Yes	Yes	Yes	No	No
Signal Strength (0 - 100)	95	80	65	---	---
Overloaded	No	No	No	No	No
Chassis Load	36%	80%	44%	0%	0%

LUXOR LINKING COMPARISON

FEATURES	Wireless Luxor Linking	Hardwired Luxor Linking
Communication	LoRa radio (Wireless)	Network cable (Cat 5/5e/6)
Distance	Up to 3,000' or 914 m	3,000' or 914 m (installed wire)
Number of Linked Controllers	10+	Up to 10
Installation	Mount at Controller or Remote	Direct-burial Cat 5/5e/6 cable and conduit
Diagnostics	Yes (Unique IDs)	Yes (Variable)



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