

FXLuminaire

**FX Luminaire
LINK-MOD-E Wireless
Linking Module for LSAT
Controller**



FX Luminaire LINK-MOD-E Wireless Linking Module for LSAT Controller Instruction Manual

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FX Luminaire LINK-MOD-E Wireless Linking Module for LSAT Controller



Product Specifications:

- Product Name: Wireless Linking Module (LINK-MOD-E)
- Compatibility: Luxor Controllers (LUX models) and Luxor Satellite Controllers (LSAT models)
- Network ID Range: 0-255
- Cable Distance: Up to 914 meters line of sight

Product Usage Instructions

Frequently Asked Questions:

Q: What is the maximum cable distance between the primary Luxor Controller and satellite controllers?

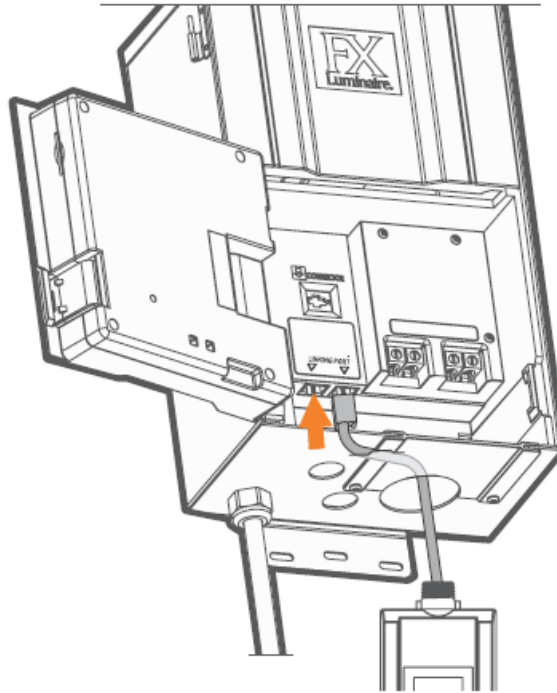
A: The maximum cable distance is 914 meters line of sight.

PROGRAMMING THE WIRELESS LINKING MODULE

Before programming, determine which Wireless Linking Module (LINK-MOD-E) will be installed on the primary Luxor Controller (LUX models) and which will be installed on the Luxor Satellite Controllers (LSAT models). Primary Luxor Controllers are those with facepacks installed. Each LINK-MOD-E must be programmed at the primary controller prior to installation.

PROGRAMMING THE MODULE FOR A PRIMARY LUXOR CONTROLLER

1. Insert the Wireless Linking Module (LINK-MOD-E) into either of the primary Luxor Controller linking ports.
- 2.



From the Home screen, use the scroll wheel to select Setup.

3. Within the Setup screen, use the scroll wheel to select Linking.

A screenshot of a 'Setup' screen. The title 'Setup' is at the top. Below it are fields for 'Auto' (checked), 'Month' (Jan), 'Date' (01), 'Year' (2022), 'Hr' (11), 'Min' (07), 'Sec' (02), '24hr' (am), and 'DST' (On). There are also checkboxes for 'Disable System' and 'Restrict Themes'. On the right side, there are four orange buttons: 'Location', 'Wi-Fi', 'Firmware', and 'Assign'. At the bottom right, there is a blue button labeled 'Linking'.

4. Scroll to the Chassis Number field and select 0 (Primary).

A screenshot of a 'Linking Setup' screen. The title 'Linking Setup' is at the top. Below it are three input fields: 'Chassis Number' with the value '0 (Primary)', 'Network ID' with the value '125', and 'Wireless Channel' with the value '10'. On the right side, there are two orange buttons: 'Read' and 'Program'.

5. Scroll to the Network ID field and select the desired Network ID (0–255). The Network ID will need to be configured the same on all Wireless Linking Modules installed on-site.

The screenshot shows the 'Linking Setup' interface. On the left, there are three input fields: 'Chassis Number' with the value '0 (Primary)', 'Network ID' with the value '10', and 'Wireless Channel' with the value '5'. On the right side, there are two orange buttons stacked vertically: 'Read' on top and 'Program' below it.

6. Scroll to the Wireless Channel field and select the desired Wireless Channel (1–10). The channel will need to be configured the same on all Wireless Linking Modules installed on-site.

This screenshot is identical to the previous one, showing the 'Linking Setup' screen with 'Chassis Number' set to '0 (Primary)', 'Network ID' set to '10', and 'Wireless Channel' set to '5'. The 'Read' and 'Program' buttons are on the right.

7. Scroll to Program and press the scroll wheel. “Assignment Succeeded” will appear at the bottom of the screen. If the assignment fails, repeat the process.

This screenshot shows the 'Linking Setup' screen after the 'Program' button has been pressed. The 'Chassis Number' is '0 (Primary)', 'Network ID' is '10', and 'Wireless Channel' is '5'. The 'Read' button remains orange, but the 'Program' button below it is now blue, indicating it has been selected.

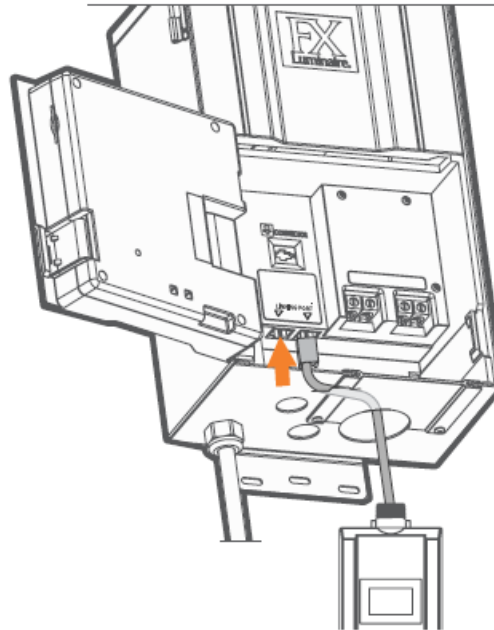
8. Remove the module from the linking port.

PROGRAMMING THE WIRELESS LINKING MODULE

Before programming, determine which module will be installed on the primary Luxor Controller (LUX models) and which will be installed on the Luxor Satellite Controllers (LSAT models). Primary Luxor Controllers are those with facepacks installed.

PROGRAMMING THE MODULE FOR A SATELLITE LUXOR CONTROLLER

1. Insert the Wireless Linking Module (LINK-MODE) into either of the primary Luxor Controller linking ports.
- 2.



From the Home screen, use the scroll wheel to select Setup.

3. Within the Setup screen, use the scroll wheel to select Linking.

4. Scroll to the Chassis Number field and select the the desired Chassis Number (1–10). Each chassis on-site requires a separate number. Note: The number 0 is assigned to the Wireless Linking Module used on the primary Luxor Controller with face pack.

5. Scroll to the Network ID field, select the desired Network ID (0-255). This Network ID will need to be configured the same on all Wireless Linking Modules installed on-site.

Linking Setup

Chassis Number
2

Network ID
10

Wireless Channel
5

Read

Program

6. Scroll to the Wireless Channel field, select desired Wireless Channel (1–10). The channel will need to be assigned the same to all Wireless Linking Modules installed on-site.

Linking Setup

Chassis Number
2

Network ID
10

Wireless Channel
5

Read

Program

7. Scroll to Program and press the scroll wheel. “Assignment Succeeded” will appear at the bottom of the screen. If the assignment fails, repeat the process.

Linking Setup

Chassis Number
2

Network ID
10

Wireless Channel
5

Read

Program

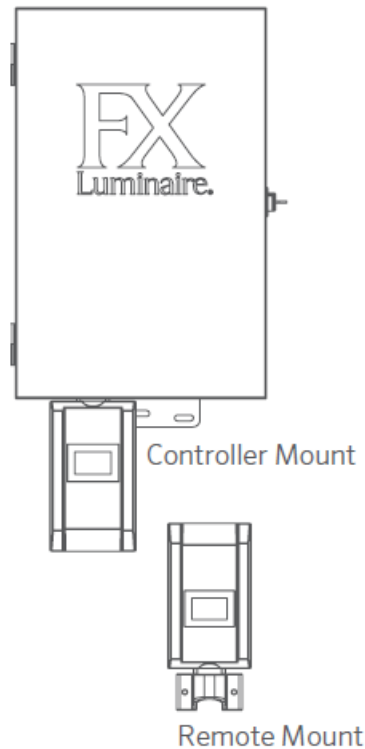
8. Install the programmed LINK-MODE into the desired satellite controller(s).

INSTALLING WIRELESS LINKING MODULES

PRIMARY LUXOR CONTROLLER

1. Using the Wireless Linking Module assigned to Chassis Number 0 (Primary), insert the wireless linking cable through the 22 mm hole on bottom of the Luxor Controller enclosure.
2. Slide the supplied nut over the wire to secure the Wireless Linking Module in place.
3. Plug the Wireless Linking Module into one of the linking ports.

4. For remote mount installations, thread the Wireless Linking Module into the supplied mount. Secure with screws.



SATELLITE LUXOR CONTROLLERS

1. Using the Wireless Linking Module assigned to the desired Chassis Number 1–10 (for the Luxor Satellite Controllers), insert the wireless linking cable through the 22 mm hole on the bottom of the Luxor Controller enclosure.
2. Slide the supplied nut over the wire to secure the Wireless Linking Module in place.
3. Plug the Wireless Linking Module into one of the linking ports.
4. For remote mount installations, thread the Wireless Linking Module into the supplied mount. Secure with screws.

Note: The maximum cable distance between the primary Luxor Controller and the farthest satellite controller is 914 m line of sight.

Regulatory and Legal Information

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

The user is cautioned that changes/modifications not approved by the responsible party could void the user's authority to operate the equipment. To satisfy FCC RF Exposure requirements for mobile and base station transmission devices, a separation distance of 20 cm or more should be maintained between the antenna of this device and persons during operation. To ensure compliance, operation at a closer distance is not recommended. The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be chosen so that the equivalent isotropic ally radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Wi-Fi Legal Information

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license exempt RSS(s).

Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

To ensure compliance with FCC and ISED RF exposure requirements this device must be installed to provide a minimum of 20 cm between the device and people.



<https://fxl.help/luxor>

Learn more about FX Luminaire products. Visit fxl.com or call Technical Service at +1-[760-591-7383](tel:760-591-7383).

Documents / Resources

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| | <p>FX Luminaire LINK-MOD-E Wireless Linking Module for LSAT Controller [pdf] Instruction Manual</p> <p>LINK-MOD-E, LINK-MOD-E Wireless Linking Module for LSAT Controller, LINK-MOD-E, Wireless Linking Module for LSAT Controller, Linking Module for LSAT Controller, Module for LSAT Controller, LSAT Controller</p> |
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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