

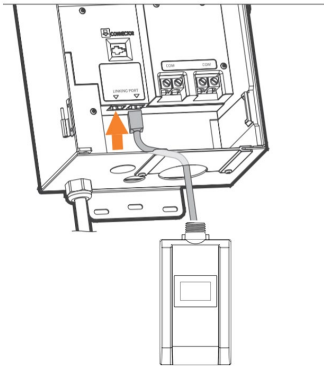
LUXOR LINKING OWNERS MANUAL

PROGRAMMING WIRELESS LINKING MODULE

Note: Before programming determine which module will be installed on the primary controller (LUX models) and which will be installed on the Luxor Satellite controllers (LSAT models). Primary Luxors are controllers with a facepack installed.

PRIMARY LUXOR

1. Insert wireless linking module (LINK-MOD) into the primary Luxor controller linking port.

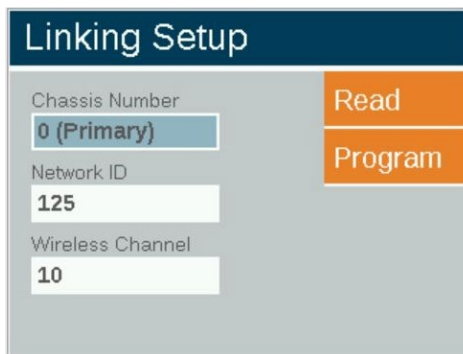


2. From Home screen, select **Setup**
3. Within Setup screen, select **Linking**

Setup							
Auto	Month	Date	Year	Location			
☒	Jan	01	2022	Wi-Fi			
Hr	Min	Sec	24hr	DST	Firmware		
11	07	02	am	☐	On	Assign	
Language					Linking		
English							
☐ Disable System		☐ Restrict Themes					

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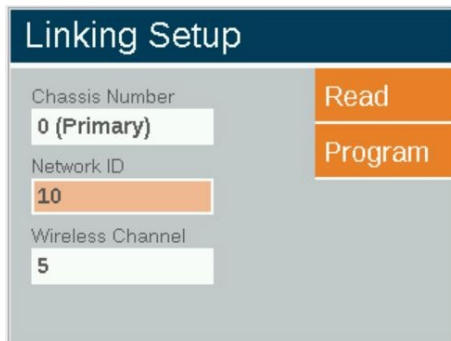
4. Scroll to **Chassis Number** field, select 0 (Primary).



The screenshot shows the 'Linking Setup' interface. It has a dark blue header with the title 'Linking Setup'. Below the header, there are three input fields on the left and two orange buttons on the right. The first field is 'Chassis Number' with the value '0 (Primary)' selected. The second field is 'Network ID' with the value '125'. The third field is 'Wireless Channel' with the value '10'. The buttons are labeled 'Read' and 'Program'.

Field	Value
Chassis Number	0 (Primary)
Network ID	125
Wireless Channel	10

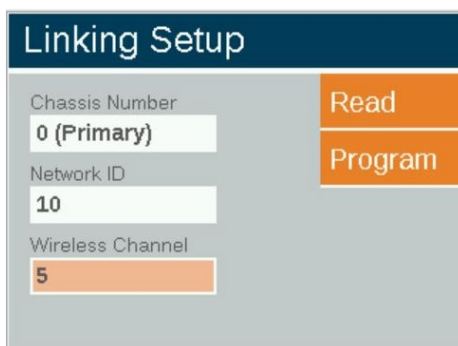
5. Scroll to **Network ID** field, select desired Network ID (1-255). This Network ID will need to be assigned to all wireless linking modules installed on the site.



The screenshot shows the 'Linking Setup' interface. The 'Network ID' field is now highlighted with an orange background, indicating it is the active field. The 'Chassis Number' field still shows '0 (Primary)' and the 'Wireless Channel' field shows '5'. The 'Read' and 'Program' buttons are still present.

Field	Value
Chassis Number	0 (Primary)
Network ID	10
Wireless Channel	5

6. Scroll to **Wireless Channel** field, select desired Wireless Channel. This Wireless Chassis ID will need to be assigned to all wireless linking modules installed on the site.

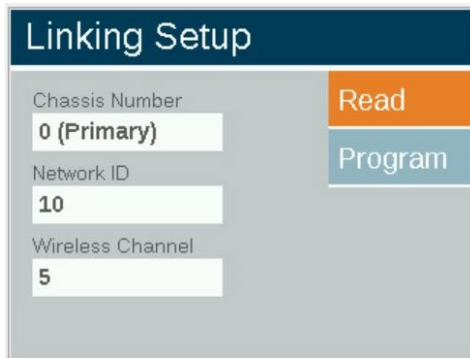


The screenshot shows the 'Linking Setup' interface. The 'Wireless Channel' field is now highlighted with an orange background, indicating it is the active field. The 'Chassis Number' field still shows '0 (Primary)' and the 'Network ID' field shows '10'. The 'Read' and 'Program' buttons are still present.

Field	Value
Chassis Number	0 (Primary)
Network ID	10
Wireless Channel	5

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7. Scroll to Program and press scroll wheel. "Assignment Succeeded" will appear at the bottom of the screen



The screenshot shows a 'Linking Setup' screen with a dark blue header. Below the header, there are three input fields on the left and two buttons on the right. The first input field is labeled 'Chassis Number' and contains '0 (Primary)'. The second input field is labeled 'Network ID' and contains '10'. The third input field is labeled 'Wireless Channel' and contains '5'. The 'Read' button is orange and is positioned above the 'Program' button, which is light blue.

Field	Value
Chassis Number	0 (Primary)
Network ID	10
Wireless Channel	5

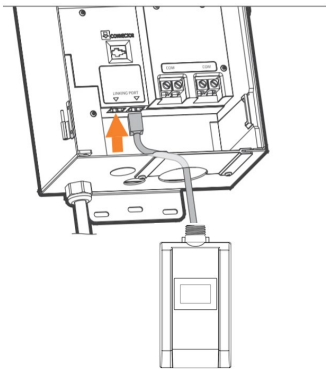
Buttons: Read, Program

8. Remove module from Linking Port

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SATELLITE LUXOR

1. Insert wireless linking module (LINK-MOD) into the primary Luxor controller linking port.



2. From Home screen, select **Setup**
3. Within Setup screen, select **Linking**

A screenshot of the 'Setup' screen from a Luxor controller interface. The screen has a dark blue header with the word 'Setup' in white. Below the header, there are several configuration sections: 'Auto' with a checked box, 'Month' set to 'Jan', 'Date' set to '01', and 'Year' set to '2022'; 'Hr' set to '11', 'Min' set to '07', 'Sec' set to '02', '24hr' set to 'am', and 'DST' set to 'On'; 'Language' set to 'English'; and two unchecked checkboxes for 'Disable System' and 'Restrict Themes'. On the right side of the screen, there is a vertical column of five orange buttons: 'Location', 'Wi-Fi', 'Firmware', 'Assign', and 'Linking'. The 'Linking' button is highlighted with a blue border.

4. Scroll to **Chassis Number** field, select desired Chassis Number (1-10).

A screenshot of the 'Linking Setup' screen from a Luxor controller interface. The screen has a dark blue header with the words 'Linking Setup' in white. Below the header, there are three input fields: 'Chassis Number' with the value '2', 'Network ID' with the value '10', and 'Wireless Channel' with the value '5'. On the right side of the screen, there is a vertical column of two orange buttons: 'Read' and 'Program'. The 'Program' button is highlighted with a blue border.

Note: 0 (Primary) is assigned to wireless module used on Primary Controller. See section xxx

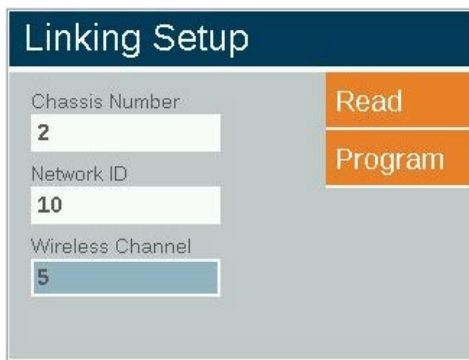
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5. Scroll to **Network ID** field, select desired Network ID (1-255). This Network ID will need to be assigned to all wireless linking modules installed on the site.



The screenshot shows a 'Linking Setup' screen with a dark blue header. Below the header, there are three input fields: 'Chassis Number' with the value '2', 'Network ID' with the value '10', and 'Wireless Channel' with the value '5'. To the right of these fields are two orange buttons: 'Read' and 'Program'.

6. Scroll to Wireless Channel field, select desired Wireless Channel. This Wireless Chassis ID will need to be assigned to all wireless linking modules installed on the site.



This screenshot is identical to the previous one, showing the 'Linking Setup' screen with 'Chassis Number' 2, 'Network ID' 10, and 'Wireless Channel' 5. The 'Read' and 'Program' buttons are still visible.

7. Scroll to Program and press scroll wheel. "Assignment Succeeded" will appear at the bottom of the screen



This screenshot is also identical to the previous ones, showing the 'Linking Setup' screen with 'Chassis Number' 2, 'Network ID' 10, and 'Wireless Channel' 5. The 'Read' and 'Program' buttons are still visible.

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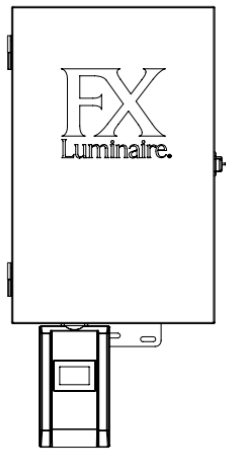
INSTALLING WIRELESS LINKING MODULES

PRIMARY LUXOR

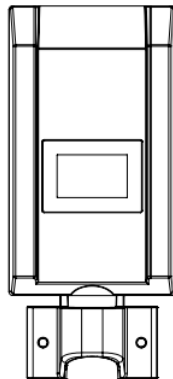
1. Using Wireless Linking Module assigned to Chassis Number (0 Primary), insert wireless linking cable through the 7/8" hole on bottom of Luxor cabinet
2. Plug wireless module into one of the Linking Ports
3. Secure wireless module in place using supplied nut
4. For remote mount installations, thread wireless module into supplied mount.

SATELLITE LUXORS

1. Using Wireless Linking Module assigned to desired Satellite Chassis, insert wireless linking cable through the 7/8" hole on bottom of Luxor cabinet
2. Plug wireless module into one of the Linking Ports
3. Secure wireless module in place using supplied nut
4. For remote mount installations, thread wireless module into supplied mount.



CONTROLLER MOUNT



REMOTE MOUNT

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Troubleshooting

Read feature

The “read” feature allows users to read wireless module settings by displaying Chassis Number, Network ID, and Wireless Channel on the Luxor facepack

1. Insert desired wireless linking module (LINK-MOD) into the primary Luxor controller linking port.
2. From Home screen, select **Setup**
3. Within Setup screen, select **Linking**
4. Scroll to Read and press scroll wheel. Wireless Linking Module settings will be displayed on Luxor facepack

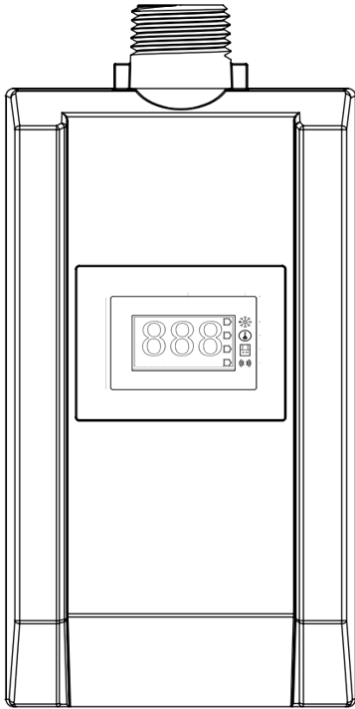


The screenshot shows a 'Linking Setup' interface. On the left, there are three input fields: 'Chassis Number' with the value '1', 'Network ID' with the value '10', and 'Wireless Channel' with the value '5'. On the right, there are two buttons: a light blue 'Read' button and an orange 'Program' button.

Linking Setup	
Chassis Number	1
Network ID	10
Wireless Channel	5
Read	
Program	

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MODULE DETAILS



ICON LEGEND



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Operating the Luxor Controller

Activity Screen

After five minutes of inactivity, an **Activity** screen will appear on the LCD screen if the lights are running. The wait time is reduced to only five seconds when the current screen is the **Home** screen.

The **Activity** screen displays:

- Chassis load: Amp load of controller chassis. Chassis 1-10 are displayed. Only chassis with an active load will display an orange load bar.
- Current time
- Source of transformer load: Manual or Schedule

No selections can be made on this screen; it is simply an activity display. Press the **Home** button to return to the **Home** screen.



Figure 9: Activity screenshot

Diagnostics Screen

Assigned

- Controller assigned

Communicating

- Controller communicating

Overload

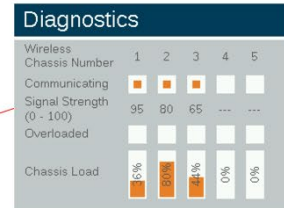
- Controller overload indication

Load Status

- Controller load in percent



Figure 10: Diagnostics screenshot



Add to page

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Add to page

Operating the Luxor Controller

Setup Screen

All background tools and settings (except color) are accessible in the **Setup** screen. Scroll through the various options to set up the controller.

Time/Date

- Set the three time categories (Hr:Min:Sec) to the current time settings by pushing the scroll wheel when the appropriate field is highlighted, scrolling through the numeric options, and pressing the scroll wheel again to finalize the selection.
- Turn past 12 on the hour ("Hr") setting to adjust a.m. and p.m., as displayed next to the seconds ("Sec").
- To convert clock to 24-hour convention, select the "24hr" selection box.
- Set the three date categories (Month, Day, Year) to the current date by pushing the scroll wheel when the appropriate field is highlighted, scrolling through the options, and pressing the scroll wheel again to finalize the selection.
- Setting the month, day and year automatically sets the day of the week which appears to the right of the year.
- Daylight Saving Time (DST), when activated, will adjust time forward or backward by one hour at the appropriate dates each year. To initiate it, select **On**. To deactivate it, select **Off**.
- Select **Auto** to sync the Luxor time clock every 24 hours.



Figure 11: Setup screenshot



Replace

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Care and Maintenance

The Setup screen displays the following configuration options:

Auto				Month	Date	Year	Location	
☒	Oct	08	2017				Wi-Fi	
Hr	Min	Sec	24hr	DST				Firmware
08	15	00	am	On				Assign
Time Zone				Language				Backup
Pacific				English				
☒ Disable System				☐ Restrict Themes				

Figure 34: Setup screen (firmware)

The Firmware Load screen displays the following information:

Firmware Version		Update
Facepack	0.9	Cancel
Chassis	0.24	
Wi-Fi Module	---	
Firmware Type		
Facepack		

Figure 35: Firmware load screenshot

The Firmware Load screen displays the following information:

Firmware Type		Update
Facepack		Backup
Firmware Version		
Facepack	1.00 / 0.23	
Chassis	0.24 / 1.03	
Wi-Fi Module	1.30 / 1.02 / 19.6.3	
Linking Module	---	

Replace

7. Select the **Firmware Type** that will be updated.
8. Once the designed type is selected, navigate to **Update** and press the scroll wheel. The facepack and flash update processes usually take between 5 and 15 seconds, chassis updates typically take a couple of minutes, and fixture updates can take up to 15 minutes.

The Setup screen displays the following configuration options:

Auto				Month	Date	Year	Location	
☒	Jan	01	2022				Wi-Fi	
Hr	Min	Sec	24hr	DST				Firmware
11	10	35	am	On				Assign
Language				Linking				
English								
☐ Disable System				☐ Restrict Themes				

Replace

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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 isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Wi-Fi Legal Information

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

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

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- 1. L'appareil ne doit pas produire de brouillage;*
- 2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.*

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

Pour garantir la conformité aux exigences d'exposition RF de la FCC et d'ISED Canada, cet appareil doit être installé de manière à laisser un minimum de 20 cm entre l'appareil et les personnes.