FIREFLY INTEGRATIONS

VEGATOUCH LYRA

Leisure Travel Vans - V1 User's Manual



Imagination ~ Innovation ~ Integration

1013 Elroy Drive, Middlebury, Indiana 46540 (574) 825-4600

Triple E RV Version 1

FIREFLY INTEGRATIONS
1013 Elroy Drive
Middlebury, Indiana 46540
Phone: (574) 825-4600
Support@Fireflyint.com

2 Table of Contents
2 Lyra Screen Overview
3 Home
6 Auto Gen Start
7 Lights
8 Climate Control
9 Settings
10 Settings/Switch Panel Info
11 Settings/Diagnostics
12 SSP17 Wireless Switch Panels
13 G9 DC Panel
14 Networking

Lyra Screen Overview

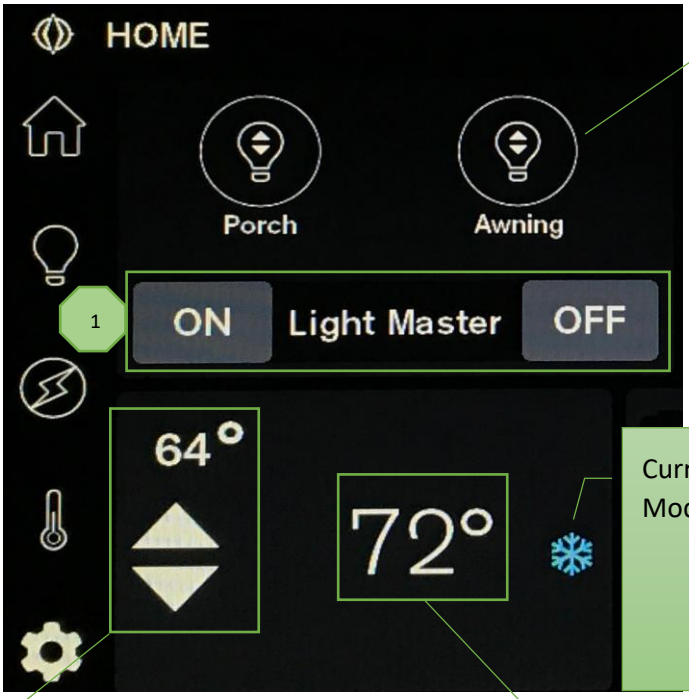
Tap any icon from the navigation menu to select your desired page. The currently selected page will always be listed in the top corner of the screen.



Home

Lighting buttons will turn Blue while a circuit is on and Black/White once the circuit has been turned off. This color change is known as “showing feedback.”

1 The Light Master controls all interior lights at once. When Light Master Off is pressed, it will remember which lights were on. Then, when Light Master On is pressed, it will only turn on the lights that are in memory. To turn on all lights again, press and hold Light Master On for at least one second.
*Troubleshooting – Memory is rewritten each time Light Master Off is pressed. In the case that it is pressed twice in a row, it will remember that no lights were on and just touching Light Master On won’t turn on any lights. Press and hold Light Master On to turn the lights back on. Note: Light Master On/Off buttons will always appear blue and will not show feedback at any time.



Tap light icons to toggle on/off. Press and hold to ramp the brightness up/down.

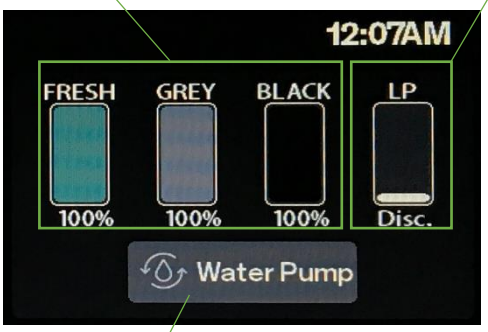
Current Climate Control Mode Indicator.

Use the arrows to select your desired temperature.

Current Temperature.

Individual tank graphics represent the percentage filled for holding tanks.

Propane % remaining (currently disconnected).

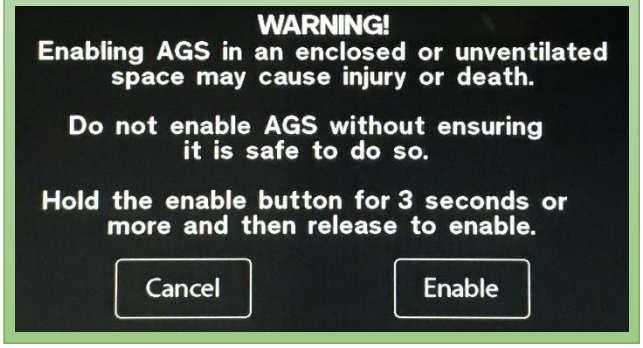


Water Pump – Tap to toggle On/Off.

1 Battery Level Indicators - These graphics will indicate the battery voltage for the House and Chassis batteries. The graphics will display Green while above 12V and Red while below 12V.



Tap to Enable/Disable AGS (Action Required).



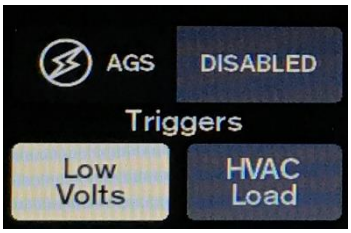
2 **Generator Controls**

The Generator display will show the total number of generator hours accumulated as well as the current operating status (running or stopped). Generator hours are saved to the system, not to the generator itself.

Gen Start – Press and Hold to start the generator. Please note that the generator requires a press and hold because it operates on a one-second delay as a safety feature to help prevent accidental generator starts.

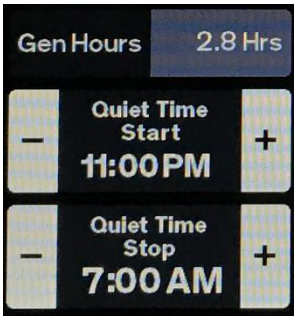
Gen Stop – Press and hold to stop the generator.

AGS Settings



Tap to Enable/Disable AGS. A warning message will require action to Enable.

Trigger Options – Automatically start the generator using specified voltage settings (Low Volts) or when A/C or Heat Pump starts (HVAC). Select one or both triggers. If no triggers are selected, AGS will not run. Disable HVAC Load while connected to shore power to keep the generator from starting.



Gen Hours Display - The number of hours that the generator has been used. These hours are saved to the system, not the generator itself.

Quiet Time Start - Use the +/- buttons to select the starting point for Quiet Time, the hours that your generator will not run in an effort to reduce noise.

Quiet Time Stop - Use the +/- buttons to select the stopping point for Quiet Time. AGS will work normally at this point.

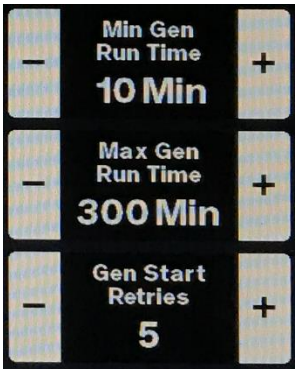


Start at Volts - The generator will start when the voltage drops to this set point depending on "Time at Start Volts" setting below. (Range 10.5v – 12.5v)

Time at Start Volts - The generator will start when the voltage drops to the Start at Voltage for this specific amount of time. (Range 5 seconds – 1 minute)

Stop at Volts - The generator will shut off when the voltage reaches this set point depending on "Time at Stop Volts" setting below. (Range 13.2v – 14.5v)

Time at Stop Volts - The amount of time required for the voltage to remain at "Stop at Volts" level before the generator shuts off. (Range 5min – 120min)



Minimum Gen Run Time - Use the +/- buttons to set the minimum amount of time that your generator will run once it has started. (Range 10min – 30min)

Maximum Gen Run Time - Use the +/- buttons to set the maximum amount of time that your generator will run once it has started. (Range 120min – 300min)

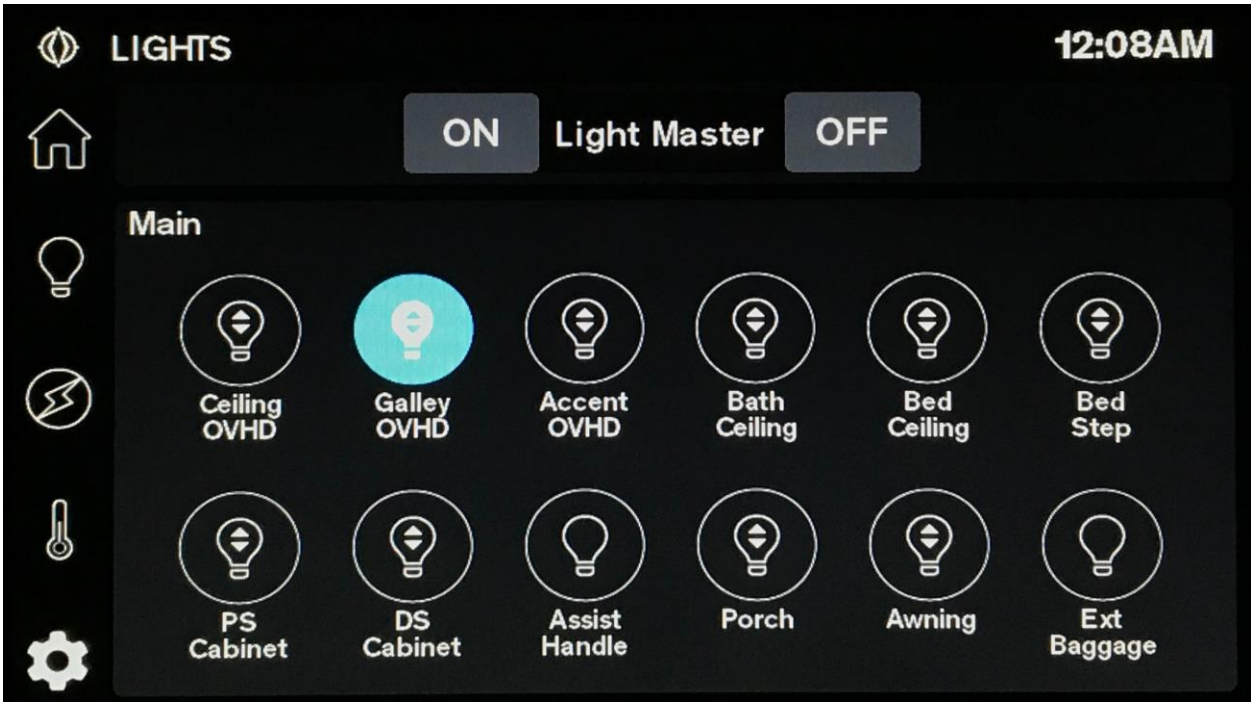
Gen Start Retries - Use the +/- buttons to set the number of tries that your generator will retry to start. (Range 1-5 retries)

Lights

This screen will control the lighting for the entire coach, including the exterior. Tap any button to turn the desired light On/Off.



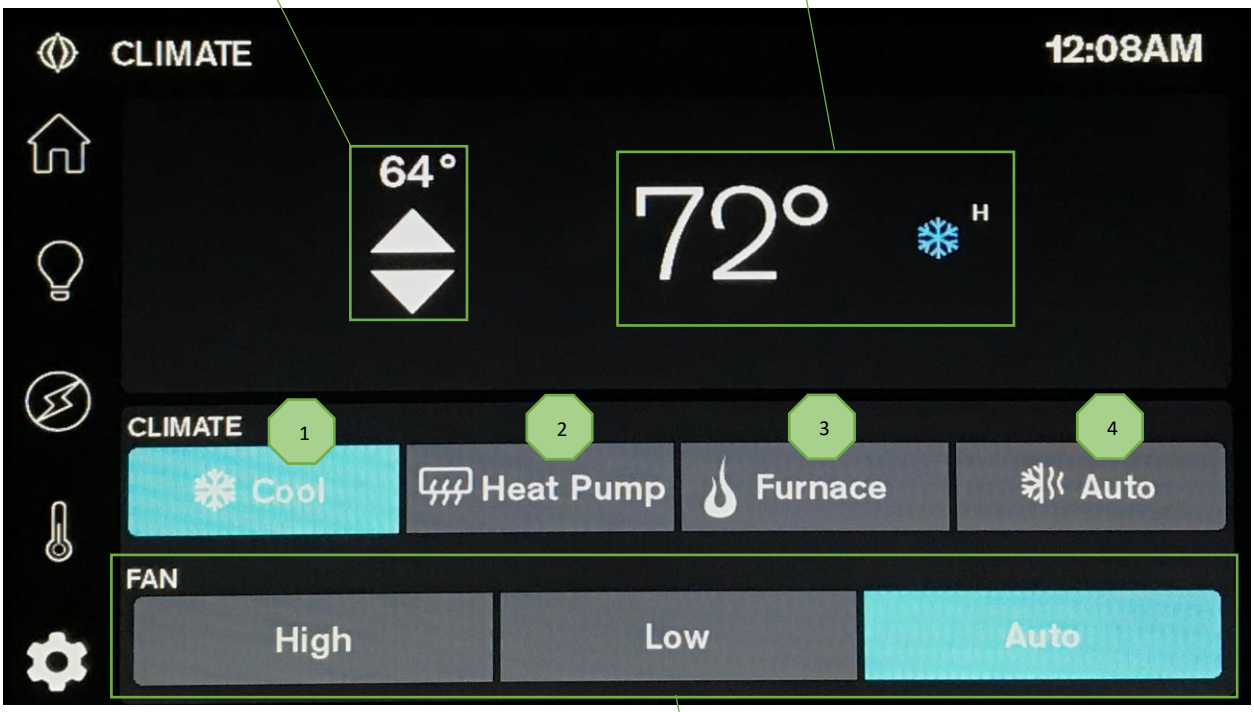
Lights with up/down arrows are dimmable. Press and hold these buttons to ramp the brightness up or down. Tap the buttons to toggle On/Off.



Climate Control

Use the Arrows to select your desired temperature.

Current temperature, Climate mode and Fan Speed indicator (H or L).



Fan Mode – The fan will operate by choosing High or Low. Auto will turn the fan off. Fan Only Mode is only available if HVAC is off.

1. Cool – Tap to operate the air conditioning. The A/C will run until the current temp reaches your desired temp and then shut off.
2. Heat Pump – Tap to operate the Heat Pump. The Heat Pump will run until the current temp reaches your desired temp and then shut off.
3. Furnace – Tap to operate the Furnace. The Furnace will run until the current temp reaches your desired temp and then shut off.
3. Auto – Tap to put the system into Auto mode. The A/C or Heat Pump will automatically run to keep your desired temperature consistent. Note: The furnace will not run automatically in auto mode.

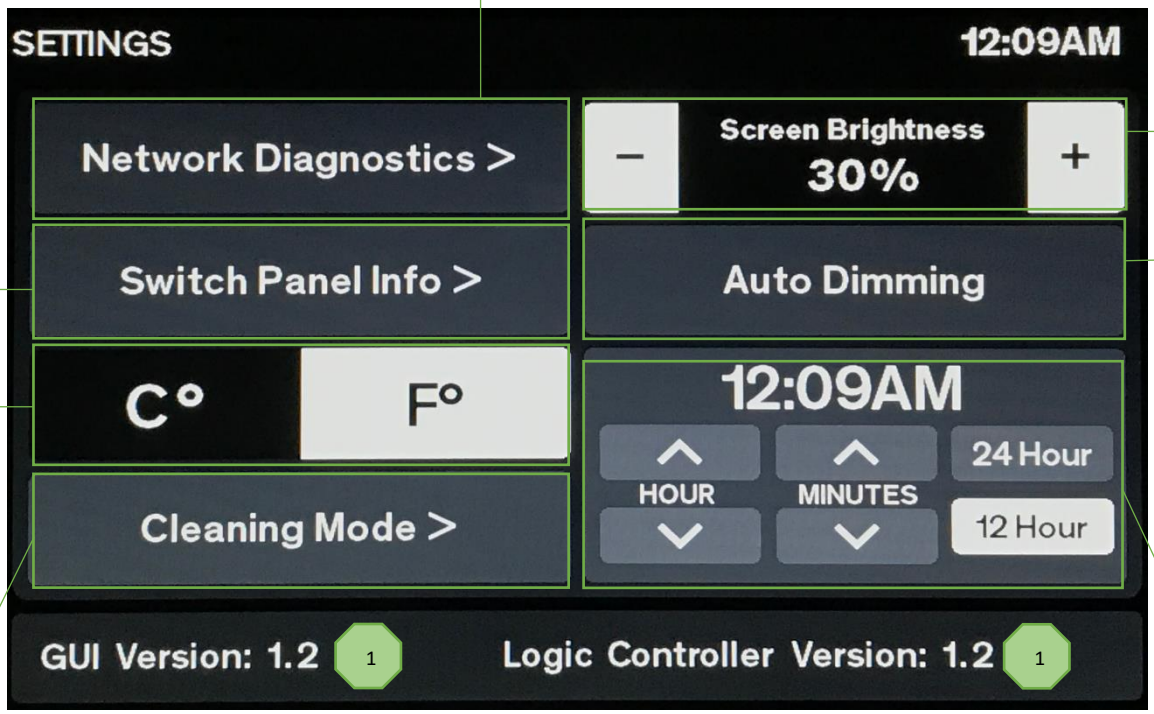
Settings

Auto Dimming- when enabled the screen will enter sleep mode after 60 seconds of inactivity. Tap anywhere on the screen to wake it up.

Tap to enter the Network Diagnostics page.

Use the +/- buttons to select between 10 levels of screen brightness or screen sleep mode. Tapping the screen after it has been asleep will bring it back to previous brightness.

Tap to enter the Switch Panel Info page.



Tap to put your screen to sleep for 15 seconds for the purpose of cleaning.

Select 24-hour time mode or adjust Hour/Minutes.

Tap C or F to choose between Fahrenheit and Celsius.

Please note the GUI and Logic Controller Versions (screen software) and have these numbers available before contacting Technical Support. 1

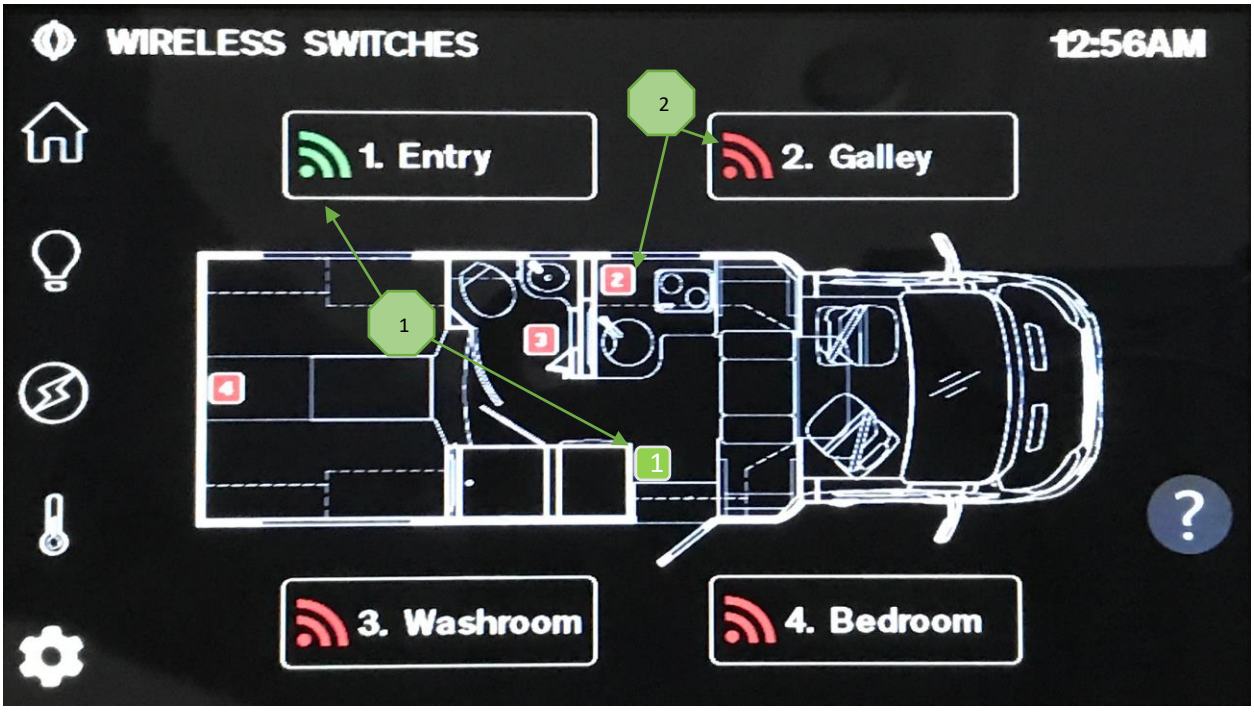
Settings/Switch Panel Info

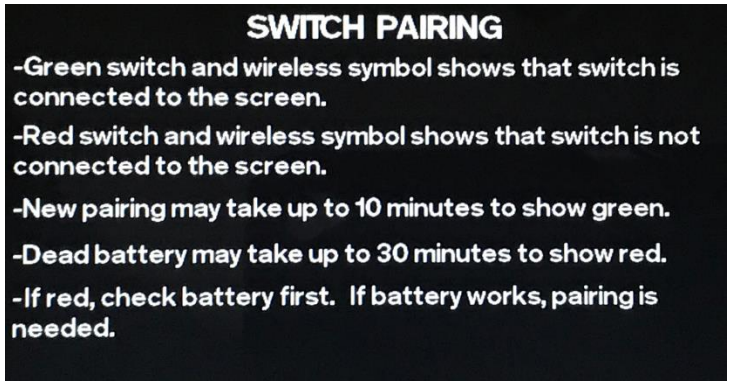
This page will summarize the status for each switch in your coach.

1 Green Wireless Symbol and Green Switch Symbol – The switch is currently connected to the screen.

2 Red Wireless Symbol and Red Switch Symbol – The switch is currently disconnected from the screen. It is likely that the battery inside your switch panel needs replaced. Every wireless switch panel in your coach will illuminate a green LED whenever a button is pressed. If the LED inside your switch panel does not illuminate when you press a button on your switch, you will need to replace the 2032 coin cell battery.

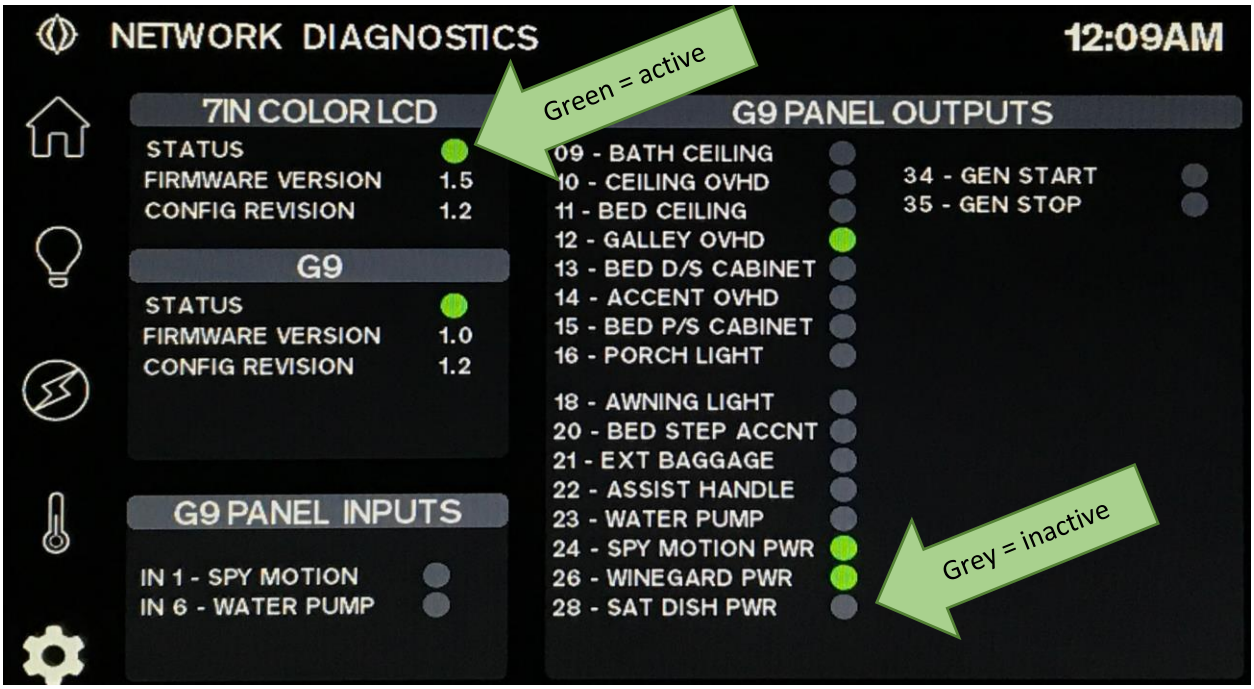
If the LED is illuminating but the switch still won't function, contact Leisure Travel Vans for technical support.





Settings/Diagnostics

Devices/Faults:
This screen will show the status of the Lyra screen and the G9. Any active input or output will be represented by a green circle.



SSP17 Switch Panels

Your coach uses SSP17 switch panels to control lighting and other functions. Lights that are dimmable will have Up/Down arrows next to the icon. Press and hold these buttons to ramp the brightness up and down. Each time that a button is pressed, the Operational LED will illuminate green to indicate that the command has been sent to the touchscreen.



Operational LED

SSP17 switch panels use wireless RF technology to communicate with the Lyra touchscreen. These switches are powered by a 2032 coin cell battery. If you press a switch panel button and the operational LED does not illuminate, you'll need to change the battery. Simply use your fingers to pry the switch panel away from the wall-mounted backplate to access the battery compartment on the back of the switch.

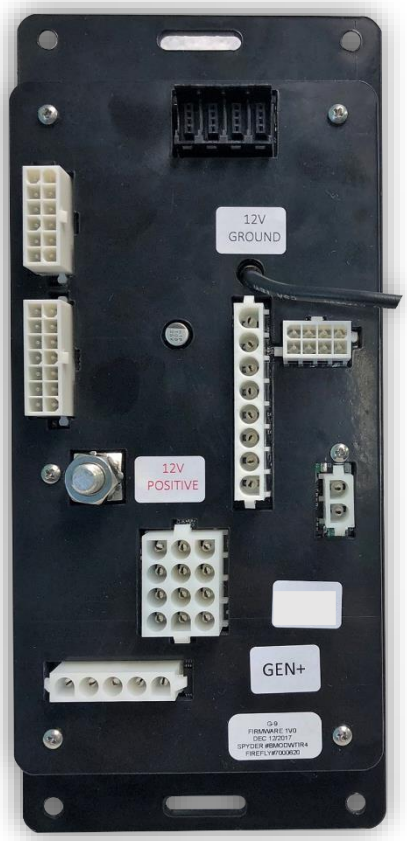
Once you replace the battery, line the switch panel up with the backplate and apply pressure to snap the switch panel back into place.



Slide the battery up to remove.

G9 DC Panel

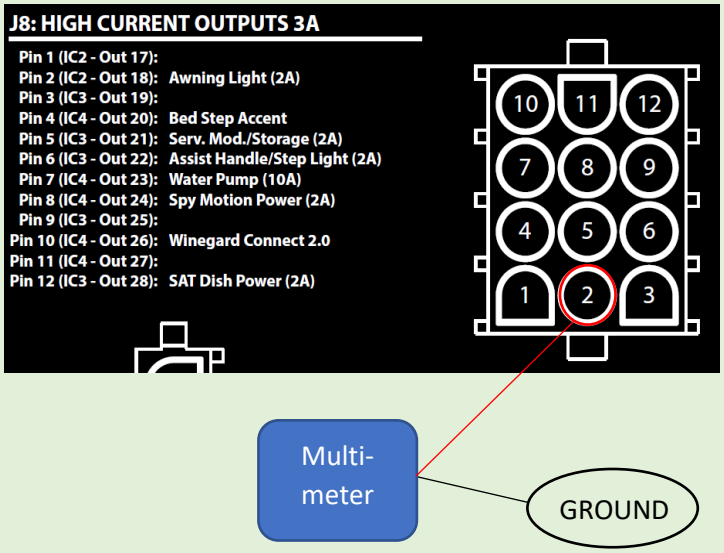
Your G9 control panel is the power distribution center for the coach. This panel receives the signals sent from your switch panels and performs the actions that have been requested by activating and deactivating the required circuits.



Every circuit controlled by the G9 is numbered and listed on a black label (load list) which is usually mounted next to the G9 panel. Note: The G9 will not have individual illuminated NET LED's for each channel. For instance, if you press the Awning Light button on your switch panel, there will be no illuminated GREEN LED to show that it is currently operational. Check the Network Diagnostics Page to see if the light shows status. If it does, you will want to check output voltage on that pin if the Awning Light does not come on (Fig 1).

Figure 1

Test Positive Output Channels as shown:



Networking

Your distribution panel and touchscreen are connected via your coach's RV-C network. Each component will have a NET LED that is used to show network status. If a NET LED is displaying anything other than solid green and some of the panel's functions are not working, please contact your manufacturer for Technical Support.

Net LED Locations:

