SPYDER
CONTROLS CORP

7in LCD Screen Guide

2022 ALLEGRO OPEN ROAD

SPYDER CONTROLS CORP

USER GUIDE – 7in LCD SCREEN

Contents

HOME PAGE

Figure 1 (Lighting Section)

- This section allows you to have quick control over frequently used lights in the coach.

Figure 2 (Climate Section)

- This section displays climate information and current heating, cooling, and fan status. Press on this box to quickly jump to the climate page. If a Truma water heater is present, no water heater control will be displayed on the Spyder LCD as shown above. If a Truma water heat is not present gas and electric water heat will be displayed here. Note: if the gas icon is red a fault has occurred with the water heater.

Figure 3 (Tank Section)

- This section displays tank levels. The graph will indicate the levels of each tank and will also provide you with a warning when the tanks are low for fresh or full for grey and black.

Figure 4 (Power Section)

- This section displays power information for the coach. This includes house and chassis battery status. Press on this box to quickly jump to the power page. The generator status and hours are also displayed here.

Figure 5 (Bottom Ribbon)

1. Home Page
2. Lights Page
3. Climate Page
4. Mechanical Page
5. Slides Page
6. Settings Page

[Ribbon Appearance]

The bar may be changed from icons (shown above) to text. This is up to the owner's preference.

To change the bar style, go to.

Settings > Screen Settings > Ribbon Options

Figure 6 (Top Ribbon)

1. Page Designation
   - This section displays your current page.
2. Active Fault Icon
   - This icon will only appear when a fault is active. If this is visible on any screen, press it to bring you to the fault page.

LIGHTING PAGE

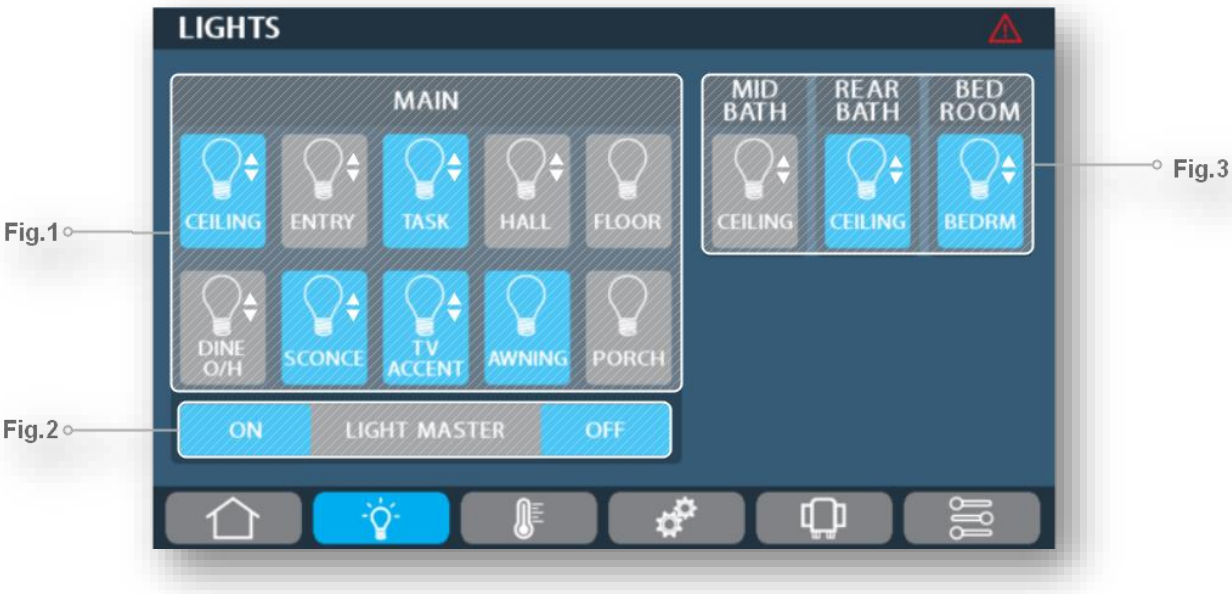
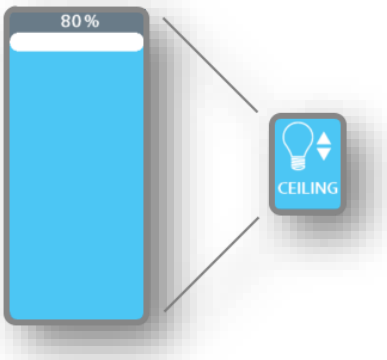


Figure 1 (Main)



- This section allows control over your main interior lights. Any lights that can dim will contain two arrows beside the light. Holding this light button will bring up a dimming slider. Drag the slider up and down to set the desired brightness level.

  The light will remember its dimmed value until light master is held on. When light master is held on all previously dimmed lights will return to full brightness.

Figure 2 (Light Master)

- Press light master off to turn off any lights that are currently on in the coach. Press light master on to turn these same lights back on. Hold light master on to turn on all interior lights at full brightness.

Figure 3 (Bed/Bath Lights)

- This section allows control of your bed lights and bath lights.

CLIMATE PAGE

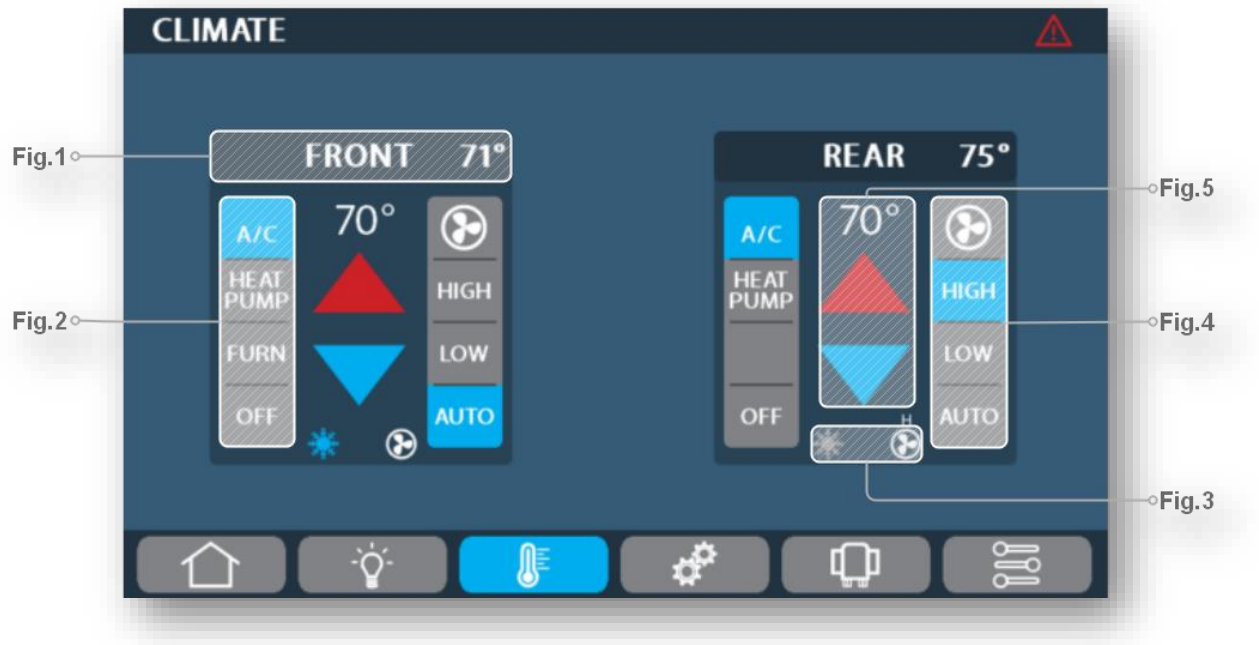


Figure 1 (Zone + Ambient Temperature)

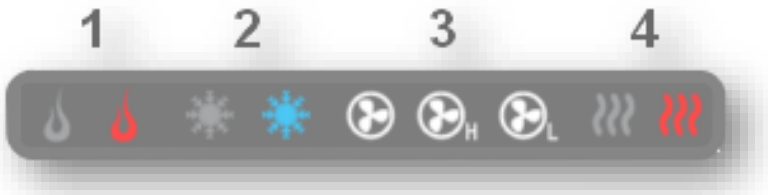
- This section displays the location of the air-conditioning unit and the ambient temperature in the zone.

Figure 2 (HVAC Mode Select)

- This section provides control over your HVAC loads. Press an icon to activate it. For safety and the longevity of the HVAC system, most HVAC loads have delays before turning on and off. Zones cannot have conflicting modes. Hence setting any AC unit to heating while the rest are in cooling will turn off all AC's and vise versa.

Figure 3 (HVAC Status)

- For safety and longevity of the HVAC system delays are put in place between starting and stopping HVAC loads. These icons display the status of the HVAC system.



[HVAC Icons]

1. Furnace: Off (Grey) On (Red)
2. AC: Off (Grey) On (Blue)
3. Fan Status: Fan High (H) Fan Low (L) Fan Off (No Letter)
4. Heat Pump: Off (Grey) On (Red)

Figure 4 (Fan Control)

- This section allows control of the AC fan. When you run the AC in cooling mode you will be able to select either Fan High, Fan Low, or Auto. Auto mode will control the fan for you choosing the best time to switch from High to Low. It is recommended having the fan on high or auto when cooling the coach with the AC. Running the fan on low with the AC on can cause the AC to prematurely freeze up.

Figure 5 (Temperature Set Point)

- This section allows control over the HVAC set point in the coach. To heat the coach with your furnace or heat pumps you must first select heat pump or furnace then set your set point above the current ambient temperature (Fig.1) To cool the coach you must select AC then set your set point below the ambient temperature (Fig.1)

SLIDE PAGE

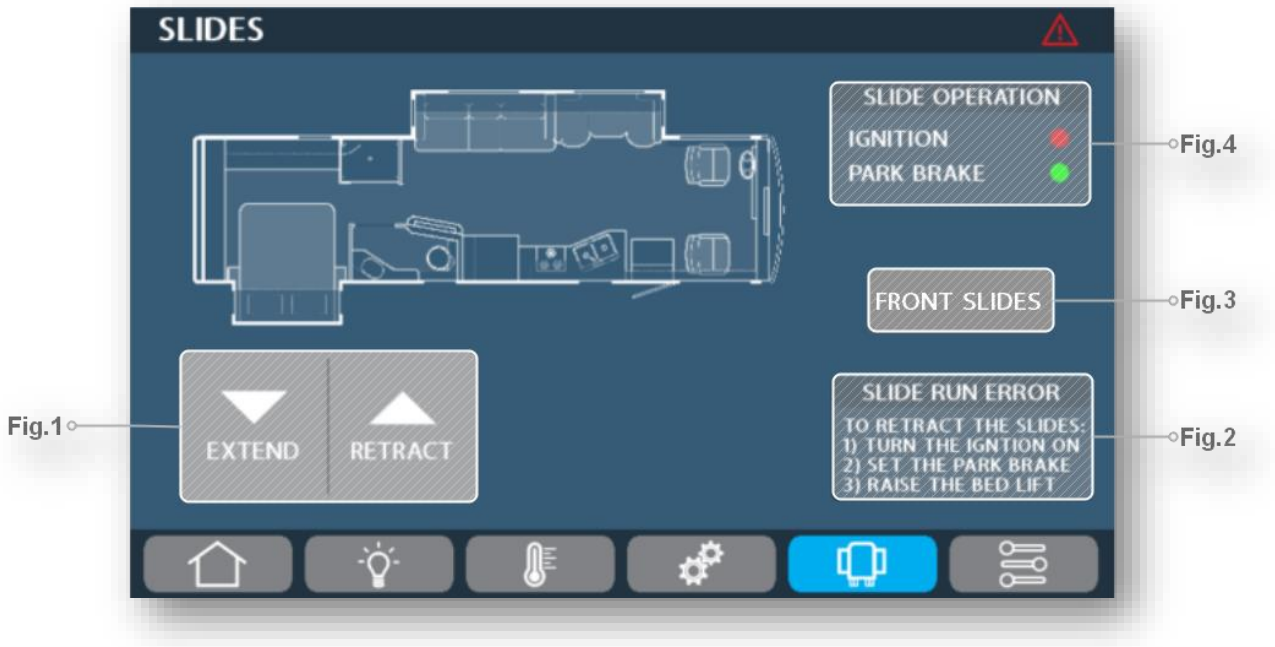


Figure 1 (Slide Extend/Retract)

- Pressing these buttons will extend and retract your slides if the requirements shown in Fig.2/3 are met.

Figure 2 (Slide Run Warning)

- This warning will appear when you try to run your slides if one or more of the following conditions are not met
  - The ignition is not on
  - The park brake is not set

Figure 3 (Emergency Front Slide Control)

- Press this to control you front slides if they are not operable from the rocker switches on the seat. Please try to use the rocker switches on the seat before using these buttons. Follow the on screen directions to safely extend or retract your front slides.

Figure 4 (Slide Run Requirements Status)

- This section shows the status of ignition, park brake. All must be green before the slides can retract or extend.

MECHANICAL PAGE

Figure 1 (Fan On / Off)

- Press this to toggle the selected fan on and off.

Figure 2 (Ceiling Fan Control)

- This button allows control of the ceiling fan (if applicable). Press the corresponding buttons to select fan speed.

Figure 3 (Fan Lid Up / Down)

- Press this to raise or lower the vent fan lid. To select an exact vent fan lid position, press and hold the up or down arrow on the vent fan. Once you have reached the desired level, release the button.

Figure 4 (Galley Shade Control)

- When using a shade pressing the up or down arrow will raise the shade all the way up or lower it all the way down. To adjust a shade to a specific height, press and hold the up or down arrow, then release at the desired level.

FAULT PAGE

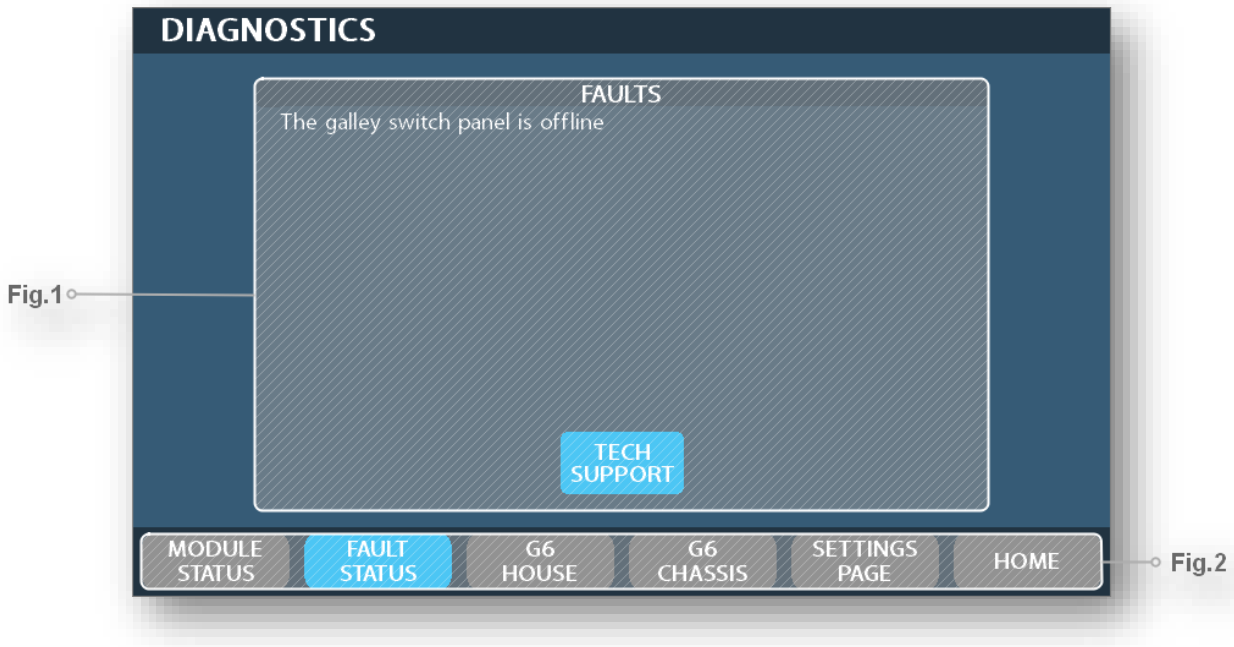


Figure 1 (Active Fault List)

- This list will show any active fault in the coach, if a fault appears here please contact Spyder Controls for trouble shooting. Press the tech support button to view Spyder Controls support information.

Figure 2 (Diagnostic Page Select)

- Use this to navigate between diagnostic pages. Please note these pages are generally only used to troubleshoot coach problems.

SETTINGS PAGE

Figure 1 (Temperature Unit Toggle)

- Press this to toggle temperature units between Celsius and Fahrenheit

Figure 2 (Screen Brightness Adjust)

- Drag the slider to increase and decrease screen brightness

Figure 3 (Screen Settings)

- Press this to access screen timeout, default screen and screen theme adjustment.

Figure 4 (Diagnostics)

- Press here to jump to the diagnostic pages (These are generally only used by technicians when troubleshooting)

Figure 5 (Model and Config Info)

- Spyder Controls may ask you for this information when troubleshooting

Figure 6 (Wireless Switch Settings)

- Press here to pair wireless Spyder switches in your coach.

Figure 7 (MIRA Mobile App)

- Press this to set up mobile coach control via the MIRA module

Figure 8 (Coach Model Select)

- This displays your coach model, if this is set wrong, please contact Spyder Controls

GLOSSARY

General function of screen buttons and indicators

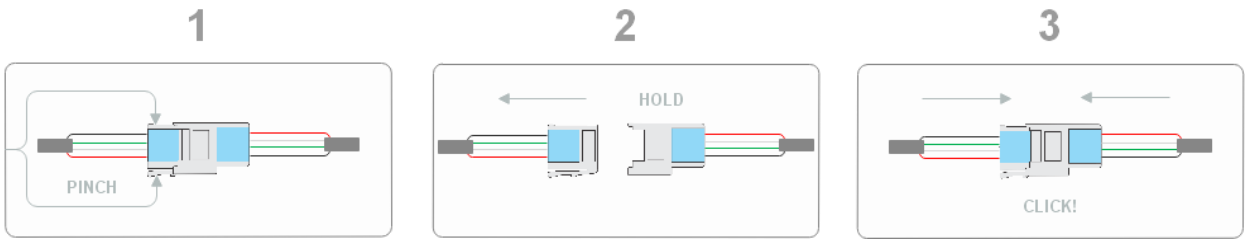
- Screen buttons will generally be grey when disabled and blue when enabled.
- On diagnostic pages a green dot indicates the load is on while grey indicates a load is off

Load – Any electrical device controlled by the Spyder Multiplex System (i.e. Bathroom Lights, Air conditioner compressor, Water Pump, etc)

Constant Loads – Electrical devices that use constant power to function though they may not user power all of the time (i.e. Dishwash, Fireplace, Washing Machine)

HVAC –Heating, Ventilation and Air Conditioning

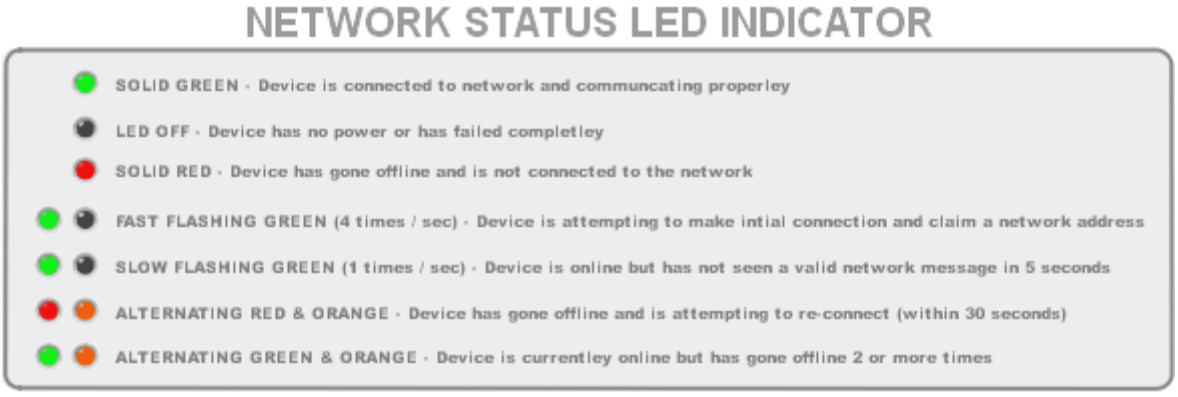
HOW TO REMOVE A NETWORK CABLE



To remove a network clamp from a socket or another type of connector follow three simple steps

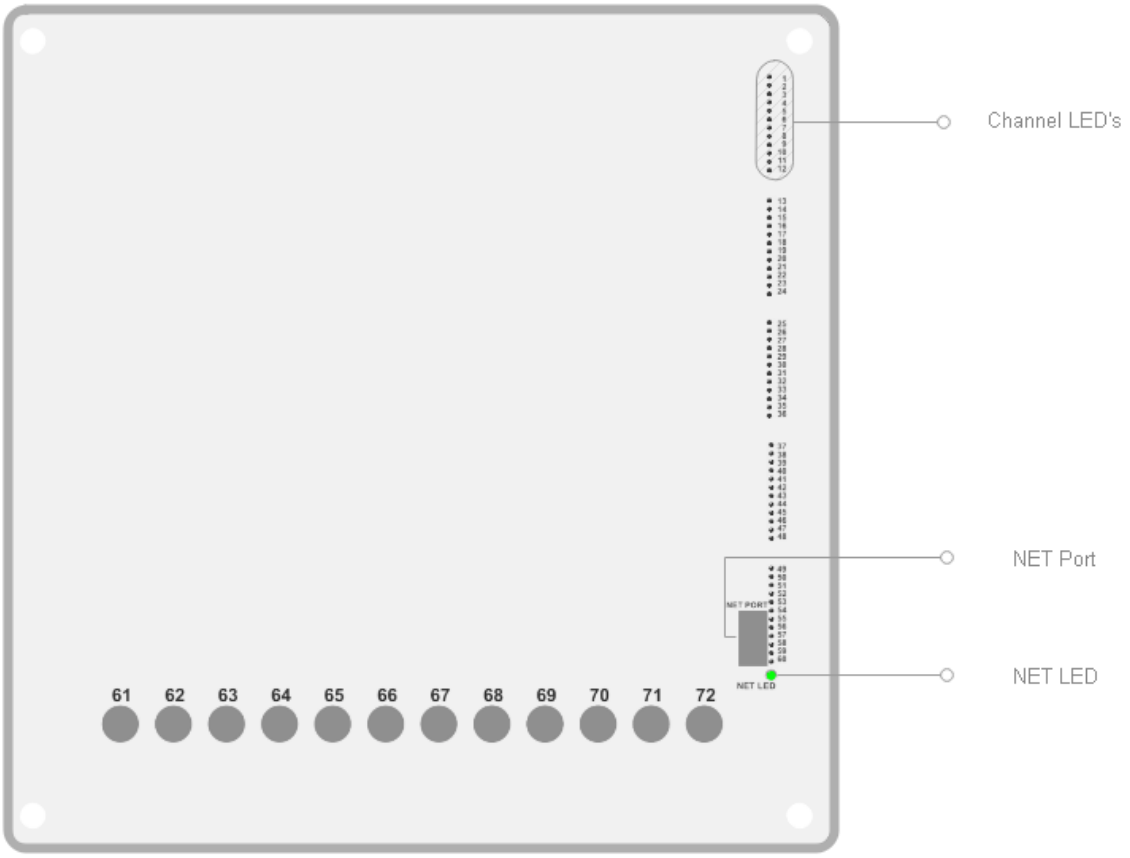
1. Pinch the small black clamp
2. While pinching the plug and holding the socket/connector, pull the plug
3. To reconnect push the plug end into the socket/connector until you hear an audible click

NET LED STATUS



DIAGNOSTIC LED FEATURES

CONTROL PANEL LED INDICATORS

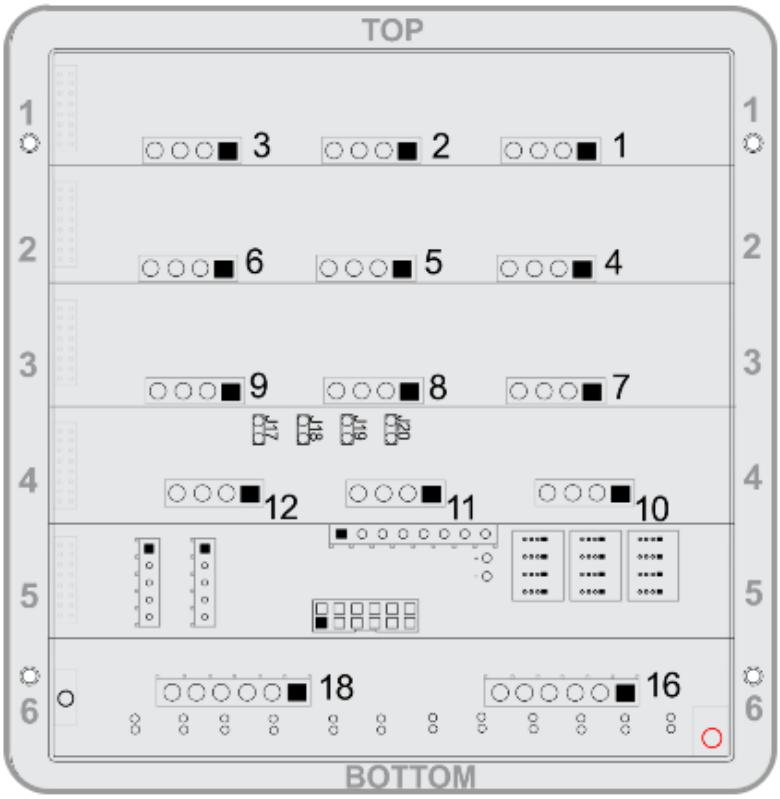


NET LED Functions

The NET LED (Network LED) is used to identify the network status of a module (i.e. Switch panel, G6 House Panel pictured here). NET LED's are useful for trouble shooting and identifying and issue with a coach.

A chart is provided on the PREVIOUS page to help break down what the various states of the NET LED mean.

G6 + RSI-9 Location



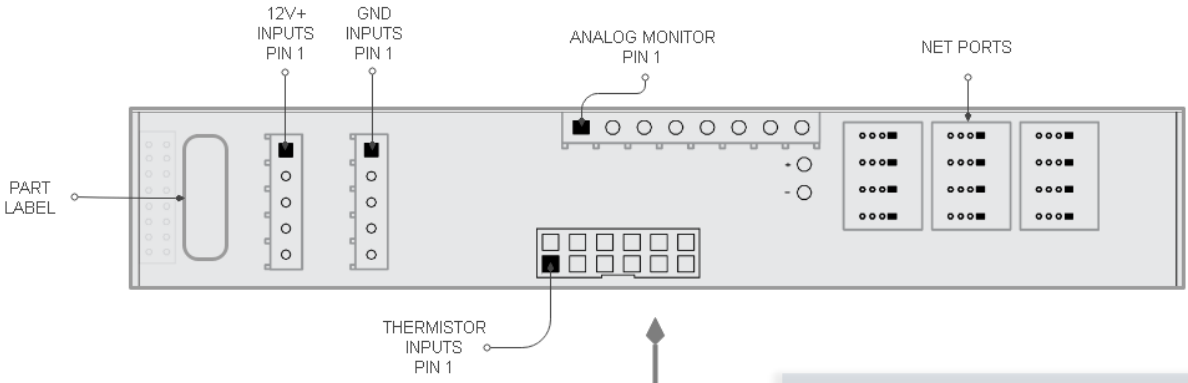
G6 House Panel

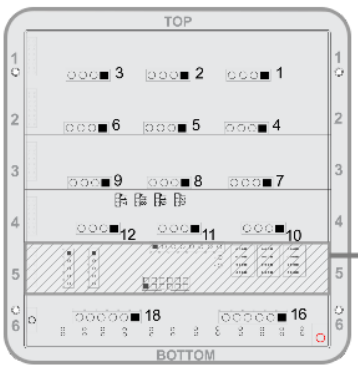
The G6 house panel controls several of the DC loads in the motorhome. It is located in your rear bedroom closet.

The panel is made of up to six removable cards.

During trouble shooting Spyder Controls may ask you to locate this panel.

The diagram to the left will serve as a general guide to the layout of your G6 Panel.





RSI-9 TROUBLE SHOOTING

When getting support from Spyder Controls you may be asked to locate the RSI-9 Module.

The enlarged card above is the RSI-9. For convenience common areas of interest have been labeled.

SUPPORT

If you have any questions or concerns about your Spyder Controls Multiplex System please contact Spyder Controls toll free at (866) 919-9092 or reach us by email at info@spydercontrols.com.

For service manuals and helpful videos on your coach please visit Spydercontrols.com press “login” then enter the following information into the username and password fields

Username: Tiffin

Password: Motorhomes

Use your phone camera or QR code scanner to view our website