



BRINKLEY

— RV —

MODEL G



Firefly
Integrations

Imagination • Innovation • Integration

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INTRODUCTION TO FIREFLY

Hello!

Welcome to the Firefly System—a user-friendly, all-in-one control center that makes managing your RV's features a breeze! From lighting and climate to tank monitoring and power, Firefly puts everything at your fingertips through a simple touch-screen interface.

Whether you're new to RV life or a seasoned traveler, Firefly streamlines control of your RV's essential functions so you can focus more on enjoying the journey. With just a few taps, you can adjust key settings from anywhere inside or outside your coach.

*One quick note before we dive in: while we encourage you to make your RV truly your own, keep in mind that any added or replaced features (such as swapping A/C models or adding an inverter) won't be capable of integrating with your current version of Firefly software. The system is designed to manage only the **factory-installed equipment**, based on your RV's **original specifications**. While your modifications will work independent of the Firefly System, they won't appear on the Firefly interface.*

Above all else please remember, we are just a call away. If you find yourself in a position of needing assistance to understand the technology within your RV, please feel free to reach out to our support line!

Sincerely, 
The Firefly Team



IMPORTANT TO READ

This manual is intended to provide a general overview of the basic functions and features for the Brinkley Model G Line. Due to the variety of floor plans, options, and specific configurations available across different models, the screens and functions displayed in this manual may not exactly match the system in your RV. Brinkley offers multiple customization options, and your unit may include features or brands of equipment that result in a different interface appearance.

Important Notes:

Screen Variations: The screens shown in this manual are representative examples and may not exactly reflect the screens in your RV. Variations may occur due to:

- Differences in floor plans.
- Custom or optional equipment chosen during the manufacturing process.
- Software updates that alter the appearance or functionality of the control systems.
- Model-Specific Options: Some features, controls, and settings are available only in certain models or floor plans. If a feature or control discussed in this manual does not appear on your RV's system, it may be due to specific configurations or model selections.

Customization and Upgrades:

Customizations or aftermarket upgrades made by the user or dealer may also impact how the system operates or displays information. For support with such upgrades, please consult the documentation provided by the equipment manufacturer or contact your dealer.

Safety Warning: Always ensure you understand the operation of your RV's control systems before use. Misuse or misunderstanding of these systems could result in damage to your RV or personal injury. If you are unsure about the operation of any feature, please contact Firefly support or refer to the detailed documentation for your specific system components.

Legal Disclaimer: While every effort has been made to ensure the accuracy of the information in this manual, Firefly Integrations assumes no responsibility for any discrepancies or inaccuracies. Features and specifications are subject to change without notice.



DISCLAIMER

The information provided in this manual is for general guidance on the use and maintenance of the Firefly system. While every effort has been made to ensure the accuracy and completeness of the information contained in this document, Firefly Integrations, LLC assumes no responsibility for errors or omissions, or for damages resulting from the use of the information contained herein. Firefly Integrations, LLC reserves the right to update, change, or replace this product and manual without prior notice.

For product terms and conditions, please refer to fireflyint-tc.com.



If you are uncertain about any of the instructions or safety considerations, contact customer service or visit our website for further information before using the product.



AT A GLANCE: BATTERY, TEMPS & MORE

In a rush? Anxious to get set up so you can get back to relaxing and enjoying your RV experience? We have got you covered! This guide is designed to have you understanding the basic functions that operate the core features in your RV in 15 minutes or less! Let's get started...

On the Home screen, (Figure 1) we have highlighted the information header that is placed at the top of almost every screen for your convenience. On the left is the current temp for each zone in your coach. Along with providing an at a glance look of your coach's climate, it is also provides quick access to the Climate screen, giving your further details and control.

On the right side (from left to right), you see the current voltage next to the House Battery icon, allowing for you to stay on top of your battery charge. Tapping this area will take you directly to the Electrical screen.

The green triangle is a quick visual icon to inform you that your system is running without issue. For instances such as over current or a system fault, that green triangle changes to red with an exclamation point. Tap this icon to navigate to the Diagnostics screen.

The last icon, the question mark in the far right corner is a useful tool while learning the Firefly system. Continue reading on page 7 for more details.



Figure 1: Home Screen



SYSTEM NAVIGATION

The Firefly System provides an intuitive touchscreen interface for managing everything from lighting and climate to power and more. With clear menus and built-in help, it's easy to control your RV's features and keep things running smoothly. As you move through this guide, you'll see the same icons shown below, next to section titles—these match the touchscreen buttons that take you directly to the screen being discussed. Let's explore what you can expect with each icon and how to navigate the system.



This button allows you to control all interior and exterior lights in your RV. You can turn lights on or off individually or use the "Light Master" feature to control multiple lights at once. Dimmable lights can be adjusted by pressing and holding the corresponding button.



Clicking this button gives you access to the slides, awnings, switches, and bed lift. For safety reasons, awning and slide functions work only when the requirements for the ignition and parking brake have been met.



The Electrical icon opens a dashboard for monitoring and controlling key power systems. Check battery status, shore power, generator, and solar input at a glance. Start/stop the generator, adjust auto-start settings, and view available power and runtime.



This button manages your RV's water system, including monitoring tank levels (fresh, gray, and black water) and controlling the water pump. If your unit has a water heater, you may also be able to switch between different heating modes.



Clicking this button takes you to the climate control system. Here, you can adjust the temperature, change fan speeds, and switch between heating and cooling modes. If your RV has a heat pump, you can enable it here as well.



This button provides real-time system diagnostics, showing active faults, over current alerts, and battery health. It is useful for troubleshooting and ensuring your RV's electrical and control systems are running smoothly.



Clicking this button allows you to access RV settings, including time adjustment, screen brightness, temperature unit preferences and color theme. You can also set your "Favorites" that will be displayed on the Home screen for easy access!



TOUCHSCREEN SUPPORT CENTER

Figures 2 and 3 display an easy-to-use Help feature accessible at any time by tapping the Help icon located in the top-right corner of each screen. This embedded help resource provides immediate, screen-specific explanations, troubleshooting tips, and useful details about each feature, including header icons, button functions, system statuses, and more. Wherever you navigate within the Firefly system, personalized assistance is always just a tap away, ensuring smooth and effortless control of your RV's features.

Scan the QR code for more details.



Figure 2: Help Topic Screen



Figure 3: Help Topic Screen, Displaying Help Content



Figure 4: Lighting Screen

To Turn Dimmable Room Lights Off:

- Quick Tap (under ½ second) will save the current brightness level for the next time you turn it back on.

To Turn Dimmable Room Lights On :

- Tap or Press the Desired Icon to open the Brightness Slider so you can set the brightness exactly where you want it.
- If the light had a saved brightness from before, it will restore to that brightness.
- If it's the very first time using the light, it will start at 100% brightness.

Brightness Slider:

- Slide between 10% and 100% brightness.
- After a few seconds of no adjustment, the slider will automatically disappear.

Non Dimmable Lights:

- These light zones do not allow brightness adjustments. Unlike your dimmable lights, these zones will always remain at the same brightness when turned on.

Light Master & Exterior Master:

Light and Exterior Master allows for control of a group of lights with a single tap.

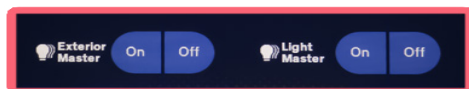


Figure 4a: Lighting Screen Exterior & Light Masters

- Memory Feature: When you press Light Master Off, the system remembers which lights were on and at what brightness.
- When you press Light Master On, it restores exactly those same lights and brightness levels.
- If you prefer to turn on all the lights at full brightness, simply press and hold the Light Master On button for 1-2 seconds. This overrides the memory and turns everything on to full brightness levels.

SCREEN DETAILS

Light Scenes:

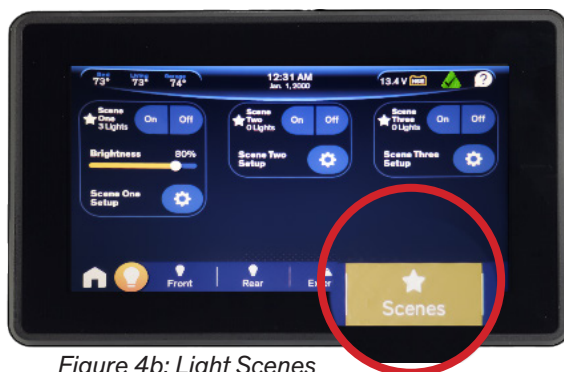


Figure 4b: Light Scenes

- Lights Scenes let you create custom lighting setups that can be activated & adjust each brightness level with a single tap. Instead of turning individual lights on or off, you can program each Scene to control a group of lights—just the way you like them.

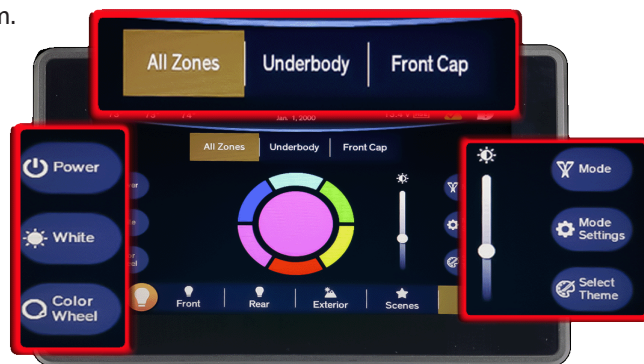


Figure 4c: RGB Controls

Power/Zone Control:

- Go to Lights > RGB Tab
- Tap a Zone (e.g., Kitchen, Bedroom)
- Toggle Power ON/OFF
- Use Brightness Slider to adjust light intensity

Set a Color:

- Tap the Color Wheel Toggle to switch modes:
- Simple Wheel – Quick primary colors (Red, Green, Blue, etc.)
- Full Wheel – Fine-tune your exact color shade
- Tap White to select pure white

Enable Color Mode (Animated Lighting):

- Toggle Mode ON
- Tap Mode Settings to choose:
 - Fade – Smooth transition from color to color
 - Ramp – Color → Off → New color
 - Snap – Instant color change
- Use Speed Slider (1 sec – 4 min) to control transition timing

Themes & Customization:

- Tap Theme Selection to pick from presets (e.g., Holiday, Firefly)
- Tap Edit to customize colors (up to 6 per theme)
- Tap Apply All to copy current zone settings to all other zones
- Use Sync Theme to link zones to match together



Climate:

After tapping on the climate icon located on the Home Screen, you will see this screen shown above Figure 5

In the Bed, Living, and Garage sections you have the ability to control the climate in each zone respectively.

On the right side of the screen is where the fan speed controls can be found.

To choose any of the options, simply tap:

Turbo, High, Medium, Low – Manually adjust airflow.

Auto – The system selects the best fan speed based on temperature.



5B: Left Side Mode Selection

5A: Right Side Fan Speed

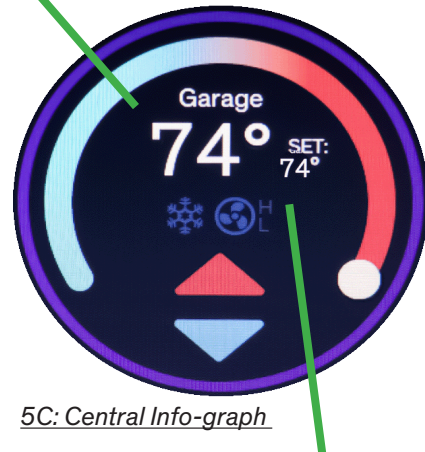
Selecting a Mode

- Cool Mode – Activates the air conditioning to lower the interior temperature.
- Furnace- Turns on the heat inside your coach.
- Auto-** Enables Cool/Heat operations to maintain set point.



Figure 5: Climate Control Screen

This larger number represents the ambient temperature inside of your RV.



5C: Central Info-graph

This smaller number shown below the word "Set" is the temperature you tell the system to maintain by using the up and down arrows or the slider.

Set Point

Tap the up or down arrows in the center to set your desired temperature.

The system will adjust heating or cooling to maintain this temperature.



5D: Set Point Arrows



Electrical:



Figure 6: Electrical Screen

Access your Electrical System by tapping the Electrical icon from your Home screen.

The Electrical Main Screen gives you a quick and easy snapshot of your RV's entire power system—including your batteries, generator, inverter, and solar monitoring. From this screen, you can check system health, start or stop power components, and navigate into deeper settings with just a tap.

What You Can Do on This Screen:

Monitor Battery Voltage

See real-time voltage for both House and Chassis batteries.

Green = healthy (above 12V), Red = low (below 12V)

Control the Generator

Tap and hold Start or Stop to manually run the generator.

See total runtime, and access Auto Gen Start (AGS) options.

Enable or Disable the Inverter

Control AC power from your batteries when shore power isn't connected.

Check Solar Performance (Victron Cerbo)

Tap the solar section to access live power input and battery charging data.

Access AGS Trigger Settings

Fine-tune when and how your generator will automatically start and stop.

Pro Tip:

Add Electrical Controls to Your Home Screen

Want quicker access to your inverter, charger, or solar controls? You can create a custom shortcut!

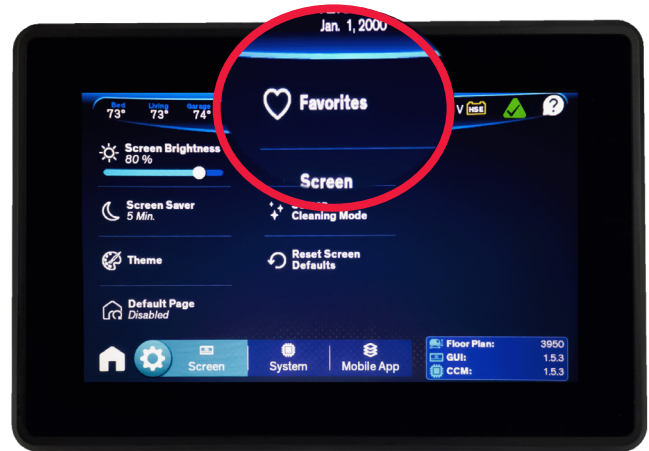


Figure 8: Settings Screen

Need Help?

Look for the Help icon (a question mark "?") in the top right corner of the screen.

Tapping this icon will open a helpful in-app guide with explanations and troubleshooting tips specific to the section you're viewing—making it the fastest way to learn and solve questions on the go!



Tanks:



Figure 9: Tank Display

The Tanks screen allows you to monitor fluid levels throughout your RV and control key water system functions—all from a single display. This system uses SureLevel sensors, which provide precise and reliable tank level readings from 0% to 100%.

Each vertical bar represents a monitored tank. The fill level is shown both visually (bar height) and numerically (text label below).

Displayed Tanks (from left to right):

- FRS – Fresh Water Tank
- GRY – Grey Water Tank
- GRY2 – Second Grey Water Tank
- BLK – Black Water Tank
- BLK2 – Second Black Tank
- Fuel – Main Fuel Tank
- Fuel 2 – Secondary Fuel Tank

If a tank reads “Disc.” (Disconnected), it may not be wired in, or the sensor connection should be checked.

Below the tank readouts, you’ll find three system control buttons:

- Fresh Tank Heater – Helps prevent freezing in cold weather.
- Holding Tank Heater – Activates heat pads on gray/black tanks for winter use.
- Water Pump – Turns the pump on/off to provide water to faucets and fixtures.

Active buttons will appear highlighted in blue to indicate they are ON.

Coach: Awning & Slides



Figure 10: Coach Screen

Tap on the Coach icon from your home screen to access controls for your Slides, Awnings, Leveling System, Switches, and Bed Lift.

On the Slides and Awnings tabs you will see your RV floor plan. The yellow pin is where your touchscreen is located, to help identify the layout. Each Slide is highlighted in different colors as well as numbered. Use the down arrow (Ext) and up arrow (Ret) to extend and retract each slide, respectively.

Please Note: On the right side of the screen, below the yellow pin is the lock icon (displayed in green). This is your safety feature. Ensure safety requirements are met prior to operation.

Leveling



Figure 11: Leveling Screen

On the Leveling tab, you see each location for your jack stands in this point system. (Shown Disconnected)

You have the same safety features as mentioned in Awning and Slides. Prior to deploying or retracting your jack stands, ensure the truck plug icon is locked and displaying green. Also, you will see the Abort Control appear over the Auto Level and All Retract controls when leveling/retracting is in process.

If you see “Inactive” next to your leveling jacks on the Firefly screen—don’t worry, that’s completely normal!

The Level Up jack system only sends information about the jacks when it’s actively running (like when you’re leveling or retracting). When it’s not doing anything, it doesn’t tell the Firefly system what position the jacks are in. Because of this, the Firefly screen simply shows “Inactive” to let you know the jacks aren’t currently moving or reporting a position.



Wireless Switches



Figure 12: Switch Screen

When viewing or pairing your wireless switch panels on the Firefly screen, here's how to understand what you're seeing:

Switch Location Order

The yellow pin helps you identify the touchscreen location in your coach, which from there can be used to get a visual reference for each switch and the status being displayed for it.

Signal Strength Colors

The color of the wireless signal icon tells you how strong the signal is between the switch and the system:

Green = Strong signal (value of 100 or more)

Yellow = Medium signal (value between 1 and 99)

White = No signal (value is 0 or no signal received)

Battery Level Colors

Each switch also shows the battery's condition by color-coding the battery icon and the switch's ID:

Green = Battery voltage is healthy (above 2.3V)

Yellow = Battery is getting low (above 0V, but below 2.3V)

Red = Battery is either dead (0V) or not reporting at all

Most wireless switches use a 2032 coin cell battery. If the icon turns red or the switch isn't responding, it may be time to replace the battery.

Utilities



Figure 13: Bed Lift

Lastly on your Coach control screen, you will find the bed lift control under this Utilities tab.

When operating a lift, the system will display a popup with the following message:

"Motion Safety: Make sure the area is clear before operating the device."

The user must confirm the safety popup to proceed.

Unlocking the lift is required before operation.



Settings:



Figure 14a: Settings Screen
Displaying the System Information

•The Settings screen is the hub for customizing and managing your RV's Firefly system; offering intuitive controls for optimizing your experience. In Figure 14a, the screen provides a detailed snapshot of system information, which includes your Floor Plan, GUI and Custom Control Module versions. These are found in the bottom right corner of this screen. This information is vital for troubleshooting and is referenced frequently during technical support inquiries.

•On this first page of the Settings screen, you can adjust:

- Screen Brightness
- Screen Saver (Timeout Setting)
- Theme (Background Color Scheme)
- Default Page Choice

Favorites:

Personalize your Home screen by selecting up to 12 of your most frequently used functions, similar to a favorites bar in a web browser.

To use this feature, tap on the Favorites button from the Settings Screen, then Customize Favorites.



Figure 14b:
Settings Screen Favorites

Favorites Continued.....

This top left panel displays which Firefly control features you have to choose from. Select which section you want, then if available, sub categories will appear below it to choose from.

This right side of the screen will display which buttons are available to place as a shortcut directly on your Home screen.

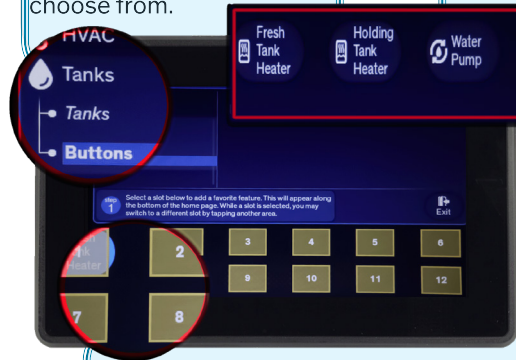


Figure 15:
Favorites Set Up Screen

Each of these numbered squares represent the location that the shortcut you choose will be placed. Note that some of the choices may take up two spaces and will display as such by highlighting the numbered spaces.

- Step 1:** Select a numbered slot to add your favorite shortcut to.
- Step 2:** Select the category from the left side panel, then tap the feature from the top right display of choices.
- Step 3:** Select Save, then exit.

System tab on the Settings screen:

The second page in the footer of the Settings screen is the "System Settings". Tap here to change the date, time, and temperature output.



Figure 16: System Settings



Settings:



Mobilev App

The Mobile App Setup screen simplifies the process of connecting your RV's systems to the RV+ mobile app, enabling convenient mobile control.



Figure 17: Mobile App Setup Screen

- To connect your phone to your Firefly system, scan the QR code and download the app.
- Open the app and locate the matching ID number that is displayed on the left in Figure 17 and select it.
- Enter the Pin number that is displayed on the right side, also in Figure 17.

For detailed instructions for installing the app and getting started, scan (for mobile) or click (for desktop) this QR code below to access the user guide.



Diagnostics:



Devices Tab



Figure 18: Diagnostics Screen Connected Devices

- The green LED indicators for all connected devices and indicate whether both devices are online and working. The Config and Firmware versions on your screen will be the current versions installed, and also will be required information should you ever contact Firefly with a question about your unit.

G12



Figure 19: Diagnostics Screen- G12

- View and manage input and output loads for the electrical system.
- View a diagram of your logic controller on the left side of the screen along with all of its connectors.
- The right side of the screen will show the individual loads on the selected connector/card as well as the status for your selection.

For more details regarding your G12 device, see tap the on screen help icon, then navigate to diagnostics. Conversely, you may also find resources regarding your G12 device on our website at Fireflyint.com.



Diagnostics:

M1



Figure 20: Diagnostics Screen-M1

- Displays all installed M1 Cards. Each section represents a separate card and displays its visual layout.

Faults

- Displays any active system errors or alerts.
- Fault conditions, if any, will appear here for further review.



Figure 21: Diagnostics Screen- Faults

- Tap the fault triangle on the left hand side if one is present.
- The middle column will list all fault descriptions.
- The right column will list out the steps you need to take to clear the fault.

If you need further instructions on how to resolve a fault, tap the help icon (?) in the top-right corner of the screen.

- Please note, if you do not feel comfortable performing any of the troubleshooting steps, reach out to Firefly Tech Support or call your dealership for further assistance.

Firefly Support:
Support@FireflyInt.com
574.825.4600



INTEGRATION RESOURCES

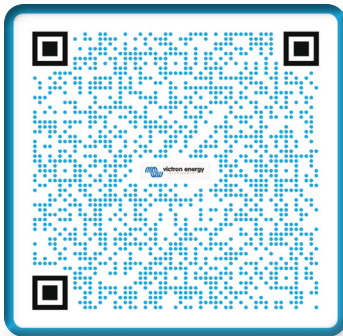
Victron Cerbo:



Victron Cerbo integrates seamlessly to provide real-time data and system control either through the Firefly touchscreen or a connected app. This setup allows you to monitor:

- Battery Health
- View Solar Input
- Track Power Consumption

All in one place! Its integration ensures that your RV's electrical performance is not only transparent but also easy to manage whether you're plugged in or off-grid.



To learn more in depth information, scan OR CLICK (for desktop users) this QR code to access the Victron Cerbo user guide.

For further assistance send an email to:
[victronenergy.com/support](mailto:support@victronenergy.com)

GE HVAC:



The GE HVAC system is fully integrated into the Firefly touchscreen interface, giving you simple, centralized control over your RV's interior climate. From the Firefly panel, you can easily monitor and adjust the cabin temperature, switch between heating and cooling modes, and change fan speeds with just a few taps.

For more GE support, visit
geappliancesrecreationalliving.com
Phone: 1-800-772-7262

Level Up Leveling System:



Level Up is a leveling control system that controls the leveling for 5th wheel RVs.



For more information and to view their user guide, scan OR CLICK (desktop users) this QR code.

For further support visit their website:
support.lci1.com/contact
Phone: 1-432-547-7378



DIAGRAMS

To access your G12 and Network Diagram that is specific to your floor plan, simply scan OR click (for desktop users) the corresponding QR code below.



Network Diagrams

Note: when using this Qr code, ensure that your coach's floor plan matches the floor plan in the title box.



G12 Pin-Out Diagram



FIREFLY ACCOUNT SETUP

In need of documentation for your specific RV unit? We have you covered! Just go to www.fireflyint.com and click on

*Register as new user



www.fireflyint.com - Account setup

System Diagrams Are Available For Every Firefly System

*For help getting an account setup you can contact our tech support team at: Support@fireflyint.com