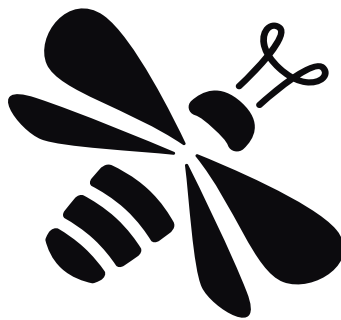




B VAN V 3



SYSTEM USER GUIDE

Imagination • Innovation • Integration

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Firefly Integrations

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 your vehicle.

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 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.

Last, but most importantly, 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

1013 Elroy Dr. Middlebury, In 46540 • 574.825.4600

www.fireflyint.com

INTRODUCTION

IMPORTANT TO NOTE

This manual provides a general overview of the core features and functionality available in these Roadtrek models.

Your coach may include components—such as HVAC, lighting, or energy management—from different manufacturers, each with its own controls and interface design.

For information specific to your unit, refer to the supplemental manuals and documentation included with your RV.

Due to the wide range of floorplans, features, and equipment configurations, some screen layouts and system functions may differ from those shown in this guide.

Roadtrek offers a high level of customization through system integrations and third-party equipment, which may result in variations in both the visual interface and system behavior.

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.

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 & UPGRADE

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

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.

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



HELP CENTER

The two screens below 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. For a printed version of these help screen tips, scan the QR code below.



Help Topic Screen



Help Topic Screen, Displaying Help Content

NAVIGATION ICONS

The Firefly System is designed to provide an intuitive and user-friendly interface for managing your RV's features. From lighting and climate control to energy management and more, the central touchscreen makes navigating your RV's functions simple and efficient.



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 awning and bed slide. For safety reasons, awning functions may be locked while the engine is running if the parking brake is not engaged.



This button provides an overview of your RV's electrical system, including but not limited to Shore/Gen controls, transfer switch, inverter/charger controls, battery, solar, and more.



This button manages your RV's water system, including monitoring tank levels (fresh, grey, fuel and black) and controlling the water pump. If your unit has a water heater and tank 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.

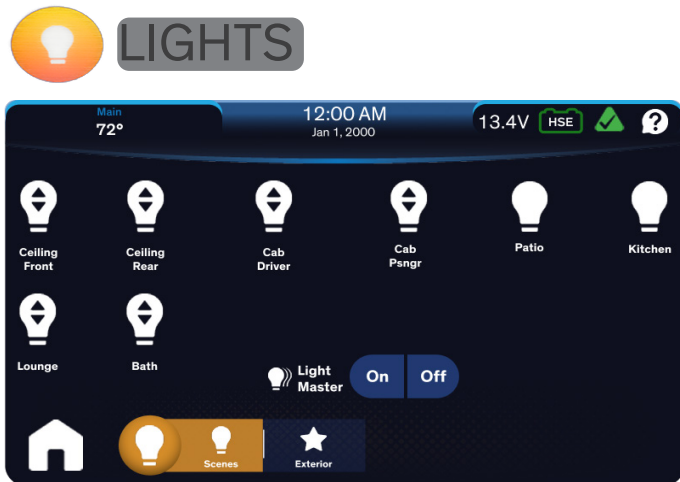


This button provides real-time system diagnostics, showing active faults, over-current alerts, and battery health. It is useful for ensuring your RV's system is running smoothly.



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!

SCREEN OVERVIEW



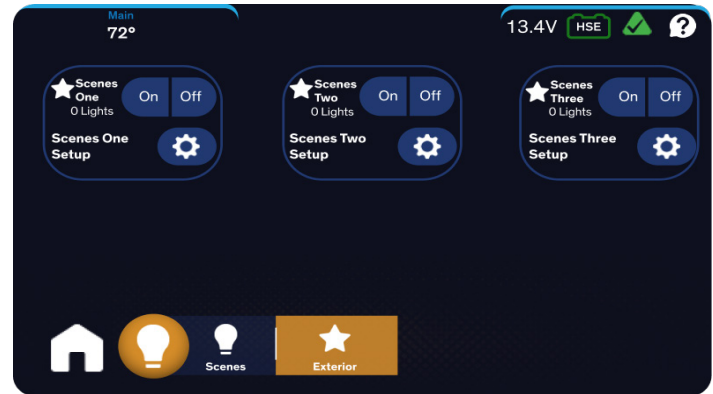
Lights

Brightness Slider:

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



LIGHT SCENES:



Light Scenes

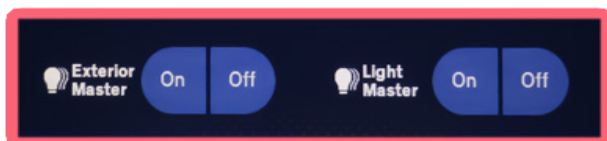
- Light Scenes let you create custom lighting setups that can be activated & adjust each brightness level with a single tap. Instead of turning individual lights on or off, you can program each Scene to control a group of lights—just the way you like them.
- Scenes are user-programmable—you decide which lights turn on and at what brightness.

Non Dimmable Lights (No Arrows):

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

LIGHT MASTER & EXTERIOR MASTER:

The Light Master and Exterior Master allow you to control the interior and exterior lights as a group, rather than tapping each one individually.



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.



SETTING THE FAN SPEED:



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

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

To choose any of the options, simply tap:

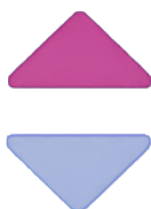
High, Medium, Low – Manually adjust airflow.

Off – Turns the fan off.

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

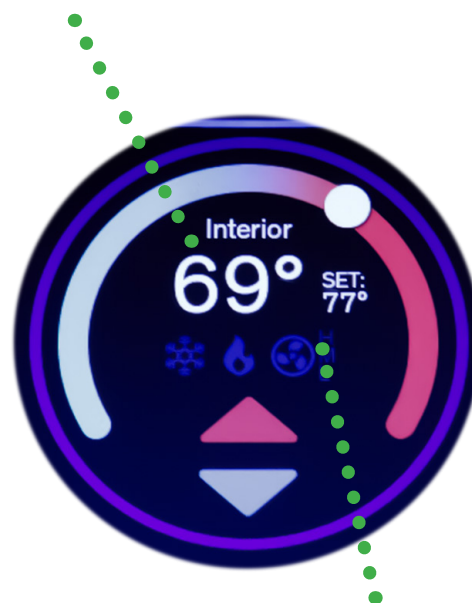
SELECT THE SET POINT:

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.

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



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.

SELECTING A MODE:

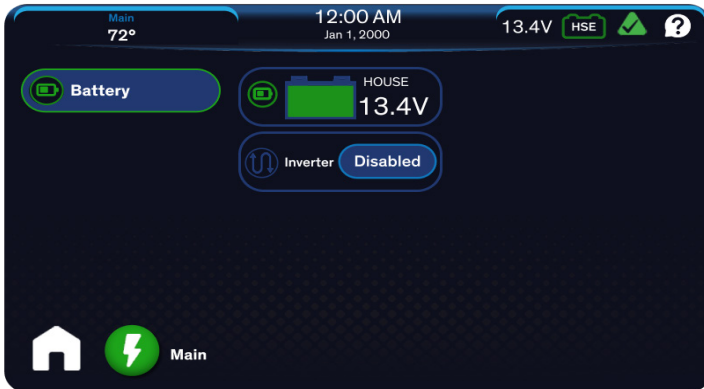
- Cool Mode – Activates the air conditioning to lower the interior temperature.

- Heat Mode – Turns on the heater to warm the RV.

- Auto- Selects between the cool or heat mode based on the Set point temperature and what the ambient temperature is.



ELECTRICAL:



BATTERY

The House Battery tile displays the current voltage of the coach's house battery bank. This value updates in real time and can be used to monitor battery condition.

A fully charged battery typically displays a higher voltage, while a lower voltage may indicate the batteries need to be recharged.

Note: Battery voltage alone does not indicate the exact battery state of charge but can provide a general indication of battery health.

INVERTER

If your coach is equipped with an inverter, the Inverter control allows you to enable or disable inverter operation.

When Enabled, the inverter converts 12 VDC battery power into 120 VAC power, allowing select household outlets and appliances to operate when shore power or generator power is unavailable.

When Disabled, AC power is not supplied by the inverter, helping conserve battery power.

Note: The inverter only powers circuits that have been designated by the coach manufacturer. Not all 120 VAC outlets or appliances are powered by the



•The Tank Screen allows you to monitor and manage the different fluid levels in your RV, including fresh water, gray water, black water, propane (LPG), and fuel.

•On the Tanks screen, you will see five vertical bars representing different tanks:

FRS (Fresh Water Tank) – Indicates the amount of fresh water available for use.

GRY (Gray Water Tank) – Displays the level of wastewater from sinks and showers.

BLK/BLK2 (Black Water Tank) – Shows the amount of waste water from the toilet.

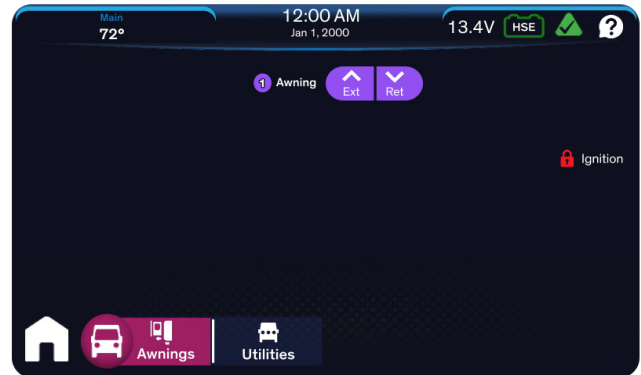
Fuel Tank/Fuel2 – Displays the level of fuel if connected to the system.

•Each tank has a blue bar that represents the current fill level. The system may display statuses such as:

•Empty – No liquid detected.

•Series F tanks reads 10% increments; ex: Empty 10%, 20%90% & full

•Disc. (Disconnected) – LPG or fuel tank is not properly connected or reading unavailable.



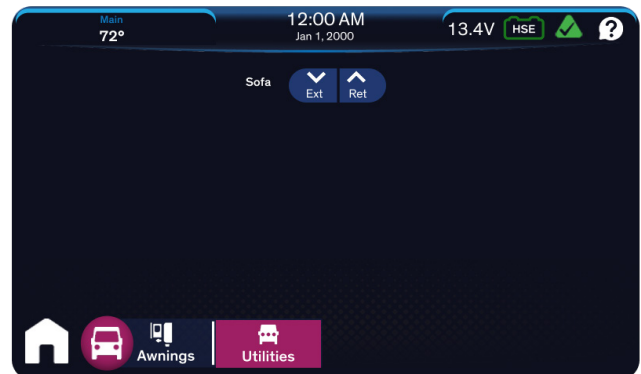
The Awnings screen allows you to extend or retract the coach awning.

Tap Ext to extend the awning.

Tap Ret to retract the awning.

Ignition Lockout

When the Ignition indicator is displayed, awning operation has been disabled because the vehicle ignition is on. This safety feature helps prevent accidental operation while the coach is in motion.



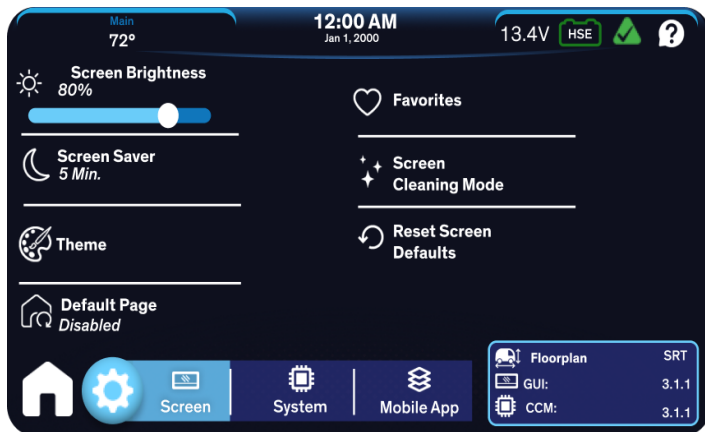
The Utilities screen provides control of powered utility components installed on your coach.

Use the Sofa controls to position the powered sofa.

Tap Ext to move the sofa to the extended position.

Tap Ret to return the sofa to the retracted position.

SETTINGS



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. This screen provides a detailed snapshot of system information, including essential details like GUI and Custom Control Module versions that are found in the bottom right corner information box. 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

.....
-Theme

.....
-Default Home Page Choice

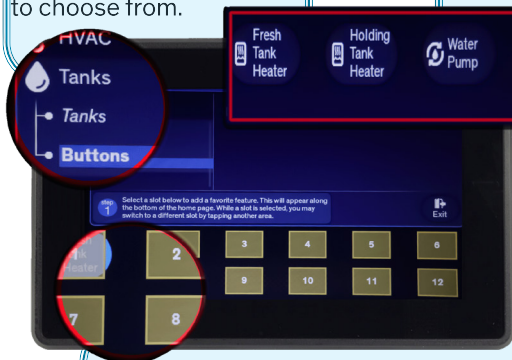
SCREEN FAVORITES

•You can also 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, then Customize Favorites.

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.

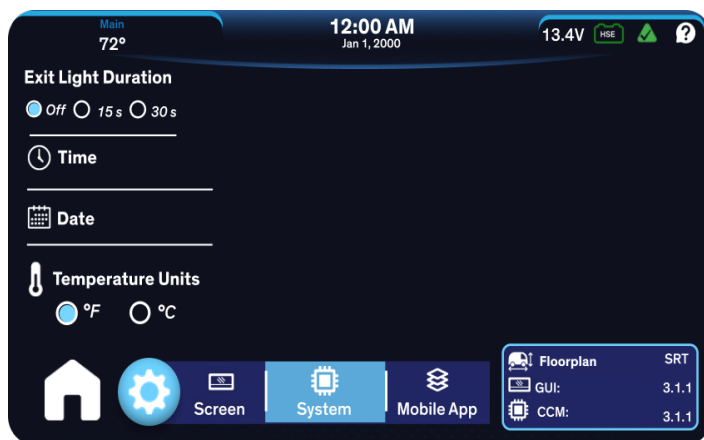


Each of these numbered squares represent the location that the shortcut you choose will be placed. Note that some of the choices may take up two spaces and will display as such by highlighting the numbered spaces.

Step 1: Select a numbered slot to add your favorite shortcut to.

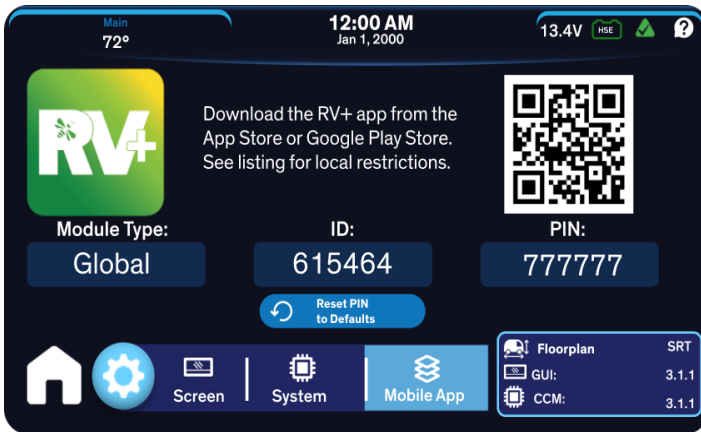
Step 2: Select the category from the left side panel, then tap the feature from the top right display of choices.

Step 3: Select Save, then exit.



Settings Screen Displaying the System Tab

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

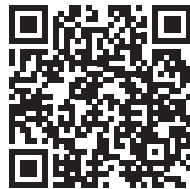


The Mobile App Setup screen simplifies the process of connecting your RV's systems to the RV+ mobile app, enabling convenient mobile control.

- 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 & select it.
- Enter the Pin number that is displayed on the right side and tap authenticate. If this is your first time using the app, you may be asked to create your own unique pin.

Once that is done, you should be taken to the main screen of the app.

If you have any issues during the pairing process or experience any issues within the app, tap the play button or scan the QR code to watch a video on RV+ Setup and Troubleshooting.





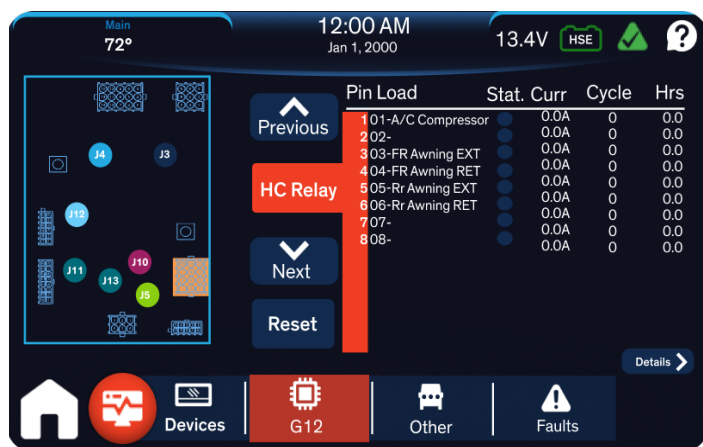
DEVICES:



Diagnostics Screen

- The green LED indicators for the touchscreen and G12 panel 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:

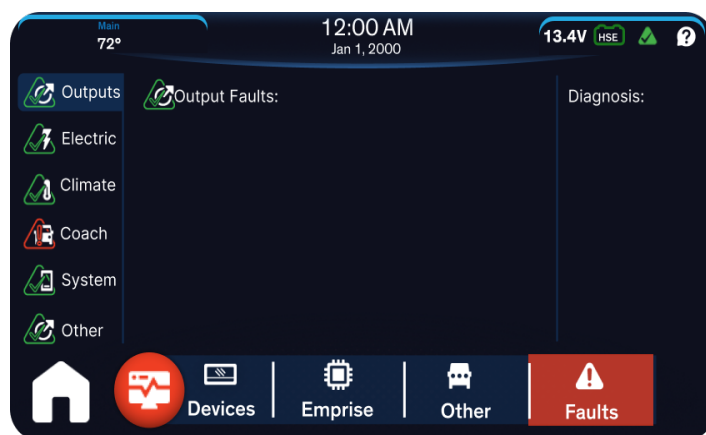


G12 Screen

- 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.

FAULTS:

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



Faults Sub-screen

- Tap the fault triangle on the left hand side if one is present.



- The middle column will list all fault descriptions.



Details:

Check network connections.

- 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.

OTHER:

The 'Other' tab will display your RV's integration's basic connectivity status, config and firmware versions. You will also see contact information in the event you have any issues with that component and require help with troubleshooting.

NETWORK DIAGRAMS

To access your network diagram or Emprise diagram, scan or tap the QR code.

NETWORK DIAGRAM



G12

