

# Westfalia Wave V2. User Guide



**Imagination • Innovation • Integration**

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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.

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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.



Tap this icon to access the main control screen, which divides the screen into five quadrants for quick and easy control of lights, tanks, electricity, HVAC, Awnings, and Sofa Bed

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Tap this icon to access the screen that controls all interior and exterior lights; allowing you to adjust brightness.

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Tap the Climate icon to access the climate control settings. This will take you to a detailed screen where you can adjust temperature, fan speed, and mode for your RV's comfort.

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Tap the Settings icon to access system preferences and customize various features of your RV. This section lets you adjust options within your unit.

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**• In the top left corner of the screen, the screen name you are currently on will be displayed.**

**• A triangle will appear at the top right of the screen whenever a fault condition is present. Tap the triangle to visit the Network Diagnostics screen.**





### Light Master Control Instructions

The Light Master function allows you to control all interior lights at once.

### Turning On All Lights

To turn on all interior lights, press and hold Light Master On for at least 1 second.

### Turning Off All Lights

Press Light Master Off to switch off all interior lights. The system will remember which lights were on at the time.

### Individual Lights

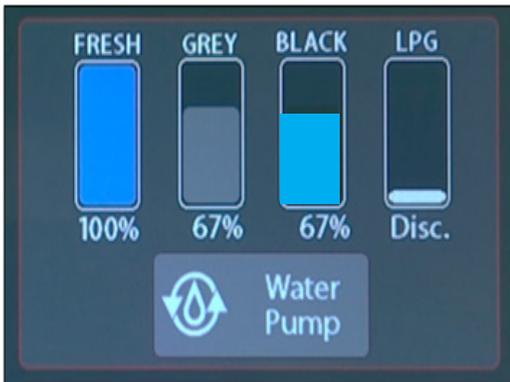
Below the Light Master button, you'll find icons that control the lights in specific areas of your RV. Each icon corresponds to a different location.



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.

- This is the Climate Control status that displays the actual temperature in your RV with the smaller temperature being the set point. To change the set point, use the up and down arrows.

- This feature allows you to extend or retract your sofa.



## Tank Level Display and Water Pump Control

This section of the control panel shows the levels of your RV's tanks, including Fresh Water, Grey Water, Black Water, and LPG (Liquid Propane Gas). Here's how to read the display:

### Fresh Water Tank

The Fresh tank shows how full your fresh water supply is.

In the graphic, the blue bar indicates the tank is 100% full.

### Grey Water Tank

### The Grey Tank

The grey tank displays the amount of used water from sinks and showers.

In this example, the grey bar shows the tank is 67% full.

### The Black Tank

The black tank represents the level of waste water from the toilet.

Here, the black bar indicates the tank is 67% full.

### LPG (Liquid Propane Gas) Tank

The LPG tank shows how much propane is available for appliances like heating or cooking.

In this example, the LPG tank is Disconnected (Disc.), meaning it needs to be connected for an accurate reading.

### Water Pump Control

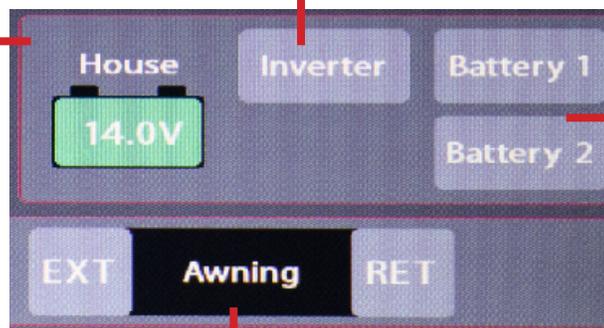
The Water Pump button beneath the tank display allows you to turn the water pump on or off. Tap this button to activate the pump and provide water from your fresh water tank to sinks, showers, and other water sources in your RV.



This displays the voltage coming from the selected battery you are operating from.

Battery graphics will display red if below 12V.

Tap to turn the inverter on/off.



Tap to choose which battery you want to draw power from.

Tap 'EXT' to extend and 'RET' to retract your awning.



- *This screen will control the lighting for the entire coach. 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.*



- *This screen works the same as the climate portion on your home screen with just a couple additional options.*
- *The Auto button is for the climate fan alone.*

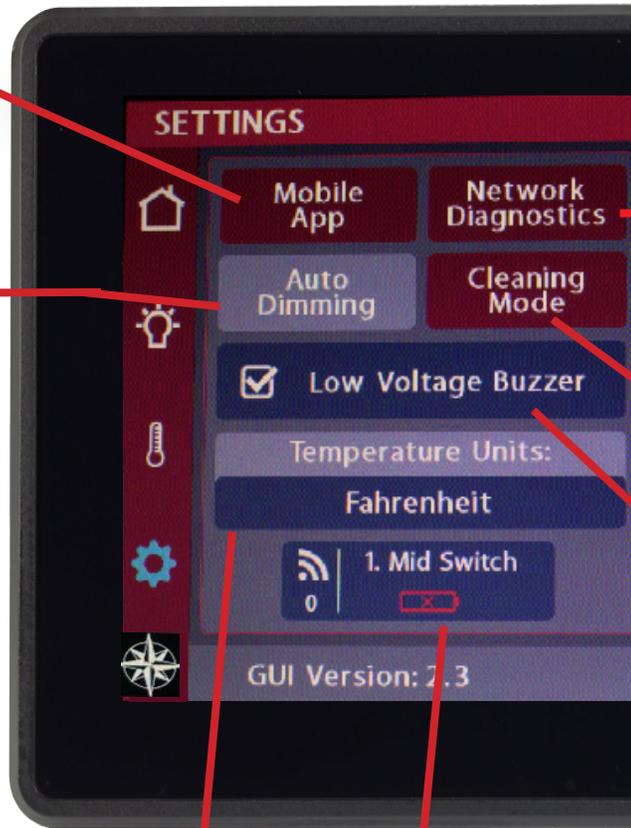
Tap to navigate to the Mira connection screen.

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



When Auto Dimming is disabled, the screen enters sleep mode after 4 hours of inactivity during the day (5am–10:59pm) and after 15 minutes at night (11pm–4:59am) due to a non-disableable screen saver.

Tap to change between Fahrenheit and Celsius.



Tap to navigate to the Network Diagnostics page.

Tap to disable the touchscreen for 15 seconds for the purpose of cleaning.

Tap to Disable or Enable the Low Voltage Buzzer.

**Wireless Switch Status Display**  
**Green: Signal strength is strong (Over 100).**  
**Yellow: Signal strength is medium (85-100).**  
**Red: Signal strength is weak (Less than 85).**

**Red Wireless Graphic with Zero Reading:**

The switch is disconnected, likely due to a low battery.

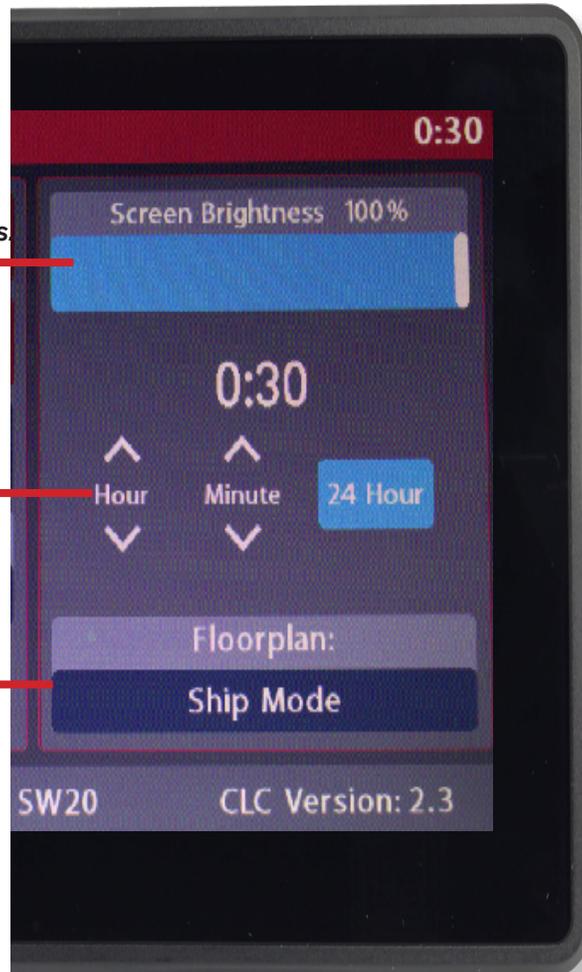
If your wireless switch panel shows no signal and the green LED does not light up when pressing a button, the 2032 coin cell battery likely needs to be replaced. If the LED lights up but the switch still doesn't work, you may need to re-pair the switch to the system.

**Note the GUI and Logic Controller versions at the bottom of the screen. Please have these numbers available before calling technical support.**

*Drag the slider to adjust screen brightness.*

*Tap the buttons to set the time or select 24-hour time mode.*

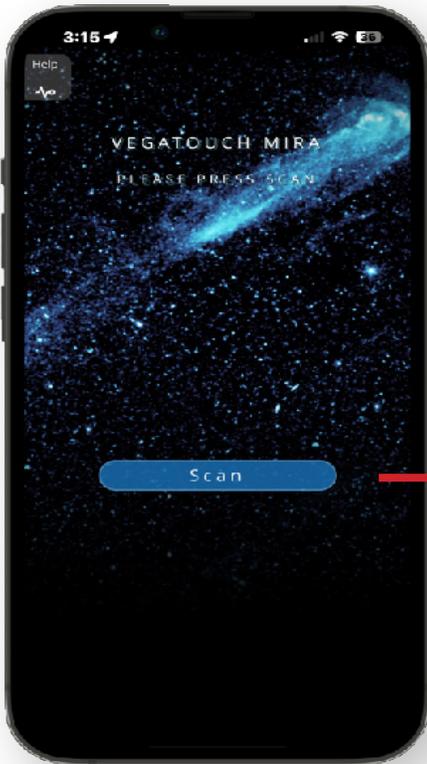
*Floorplan display.*





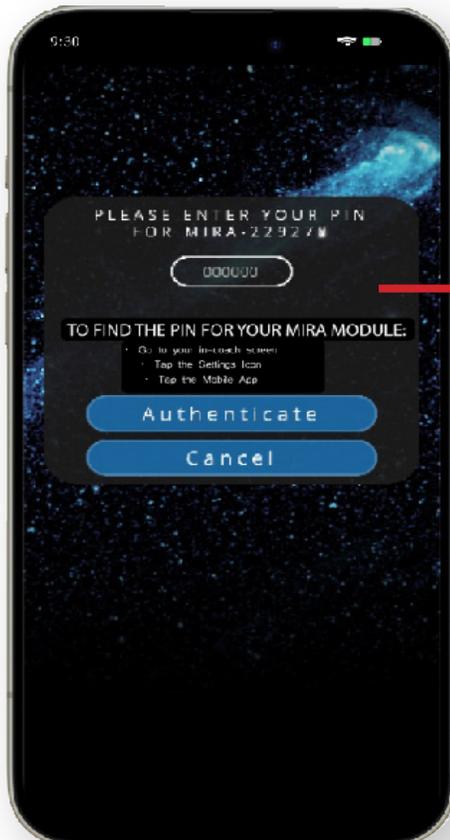
- *Navigate to this page by tapping on the settings icon and then tapping on Mobile App.*
- *For the purpose of this part of the user guide, we will refer to your static 7" Lyra Screen as "the screen".*
- *Go to the Apple App Store OR Google Play Store and download the Mira App.*
- *Turn on Bluetooth on your phone before pairing to your screen.*





Tap Scan

Locate the Mira ID that matches the one displayed on your Lyra screen.



Input the PIN located beneath the Mira ID on your Lyra screen and tap "Authenticate" on your phone.

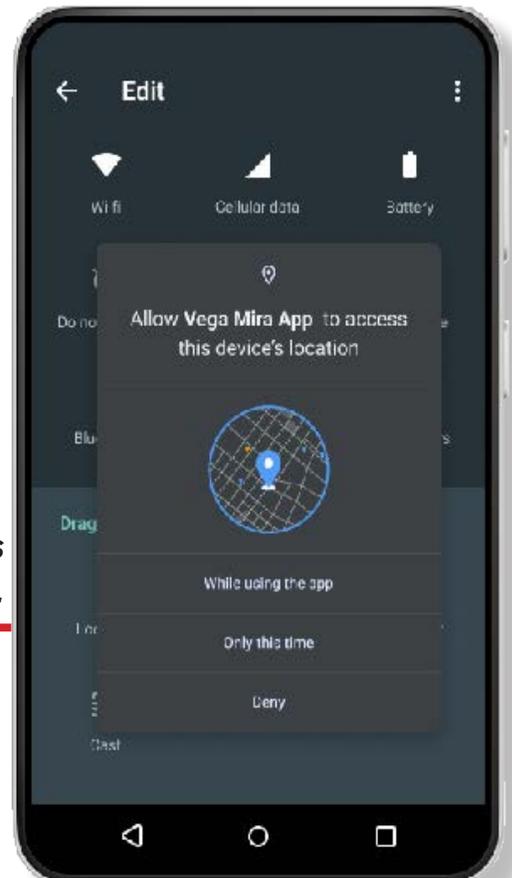


If this is the first time setting up your mobile app, you will need to enter the pin ID that is displayed on the screen. Once that is done, you will create your own unique 6 digit pin.

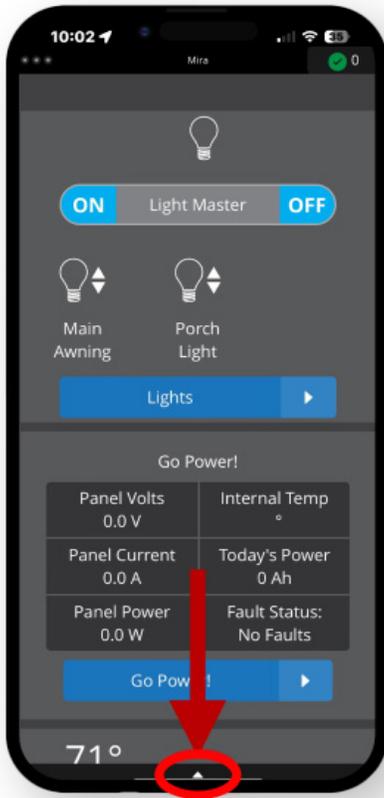


*Apple location services permissions.*

*You will need to turn on you location services to get the most out of the Mira App pairing to your Lyra screen.*



*Android location services permissions.*



*Navigate to the settings by tapping the triangle at the bottom of the screen. Then tap the gear icon. ⚙️*

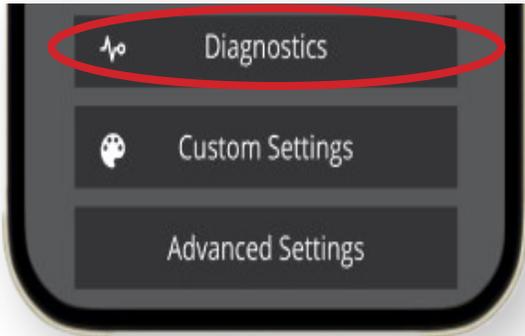
*Tap the Temperature Units selection to choose between Fahrenheit and Celsius.*

*This is your system information and Mira information.*

*Tap "Unpair" to disconnect from your Lyra Screen and "Update" to download the latest config to your device.*

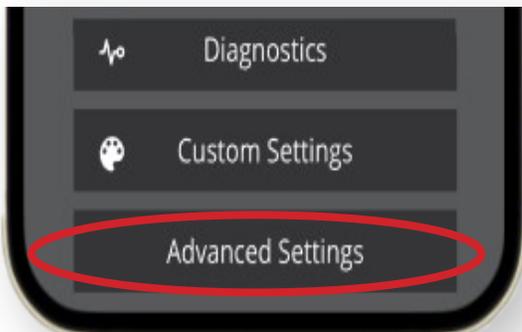
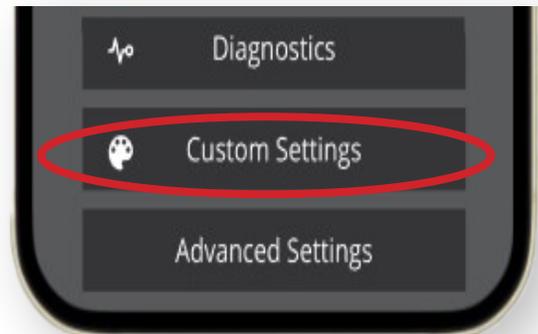
*Tap "Help" to see a list of help topics.*





Tap “Diagnostics” to see circuit status and device list.

Tap “Custom Settings” to change your color theme, customize your home screen, the default landing page, and then reset your settings back to default.



Tap “Advanced Settings” to set your Mira Pin, Reset the Module, or Unpair from Mira.

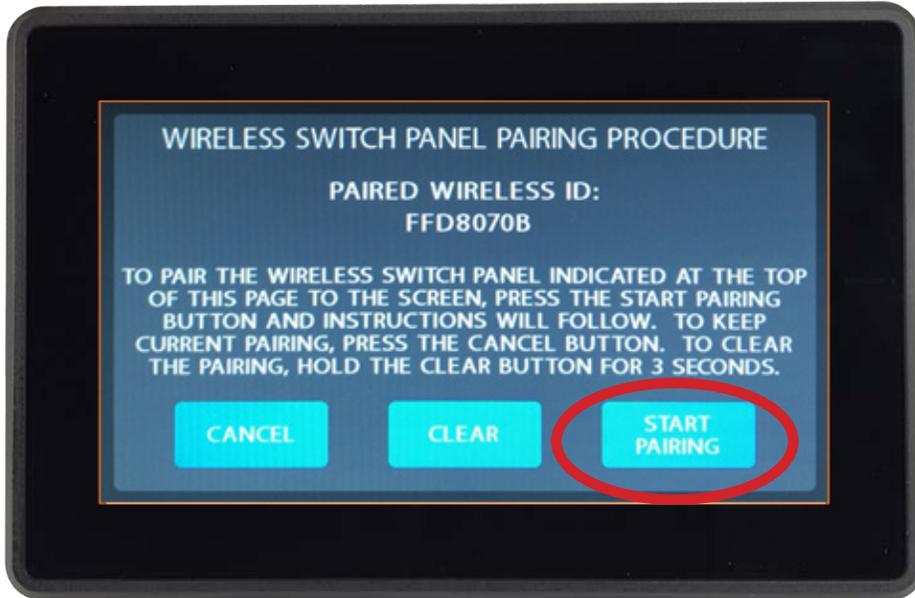
# Wireless Switch Pairing



*Red switch indicator with a zero reading – The switch is currently disconnected from the screen. The wireless switch panel in your coach will illuminate a green LED whenever a button is pressed. If the LED on your switch panel does not illuminate when you press a button on your switch, you will need to replace the 2032 coin cell battery.*



*Press and Hold the switch graphic (5 seconds) for the switch panel you'd like to pair.*



Tap “Start Pairing”.



**You’ll have 30 seconds to press and hold any 2 buttons on the switch panel at the same time for 5**

The Westfalia is equipped with both cooling and heating systems that are tailored to its compact and efficient design, ensuring optimal comfort in a smaller space.

### Air Conditioning:

*The Truma Aventa air conditioning system is installed in the Westfalia model. This air conditioner is designed for effective cooling in the smaller RV layout, offering quiet and energy-efficient operation.*

### Heating:

*The Westfalia comes with the Truma Combi system, which combines air heating and hot water functionality into one compact unit. This dual-purpose system is perfect for smaller RVs like the Westfalia, offering both heat and hot water without taking up much space.*

### Water Heater Modes:

**ECO Mode:** *Energy-efficient hot water heating, perfect for conserving power while still maintaining a warm water supply.*

**HOT Mode:** *Quickly heats water when you need it fast.*

**BOOST Mode:** *Available only through the CP Plus control panel, this mode heats water even faster when there's a high demand.*

### How to Use:

*From the Firefly touchscreen, navigate to the HVAC section and select the air conditioning mode.*

*Set the desired temperature using the cooling controls. The Truma Aventa will automatically maintain the set temperature.*

*The fan operates continuously on a low setting once the temperature setpoint is reached, ensuring consistent cooling with minimal noise.*

### How to Use:

*To activate the heating system, select Heat mode from the HVAC section on the Firefly touchscreen.*

*Adjust the temperature to your preference. The Truma Combi will automatically heat the interior of the RV to maintain the set temperature.*

*The system also controls hot water. You can choose between ECO, HOT, or OFF modes depending on your needs. This can be done through the Firefly system or directly on the Truma CP Plus control panel.*

## *Additional Notes for the Westfalia Model:*

### *Compact & Efficient Design:*

*The Westfalia is a smaller RV, so the Truma Aventa and Truma Combi systems are ideal for efficient space heating and cooling. They are specifically chosen to maximize comfort while minimizing energy use and space.*

### *Off-Grid Capability:*

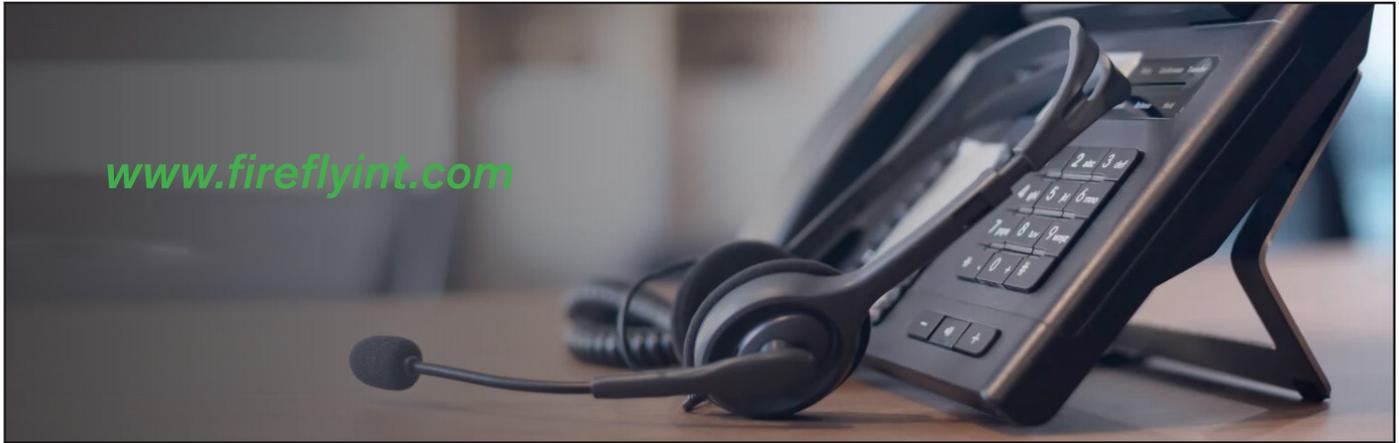
*If your Westfalia is equipped with the lithium battery option, both the heating and air conditioning systems can function when you're off-grid, giving you more flexibility to travel without relying on shore power.*

### *Firefly System Integration:*

*Just like in the other models, the Westfalia integrates these systems into the Firefly touchscreen, allowing you to control both the air conditioning and heating from one central location. This makes adjusting your climate settings straightforward and hassle-free.*

### *Diagnostics and Troubleshooting:*

*Any faults or issues with the Truma Aventa or Truma Combi systems will be displayed on the Firefly screen. The system provides detailed diagnostics to help you resolve problems quickly, or it may indicate when it's time to reset the system.*



*On occasion you may have an issue arise or a question about your system that you need answered. Our Technical Support team is here to help.*

*For help 24/7 you may go to our website at [www.fireflyint.com](http://www.fireflyint.com) where you will find helpful resources such as helpful videos and coach documentation, you can purchase parts for your particular unit, and learn more about our company and what we do.*

*If you cannot find what you need on our website you can also email our support team 24/7 at [support@fireflyint.com](mailto:support@fireflyint.com). Please include as much detail as you possibly can and our team will get back to you as soon as possible. After hours emails will be at the top of the queue the next business day.*



You can also contact us by phone during our regular business hours. We take live calls Monday - Friday between the hours of 8:30 am (ET) - 5:00 pm (ET) at (574) 825-4600. Please be prepared with the Year, Make, and Model of your unit as well as the GUI version and the Control Logic Version of the software on your Firefly system. This information can be found on the Settings page of the main touchscreen. We look forward to serving you!