

SEELEVEL™ RV 2.0



Mobile Application User Manual

Compatible with model 709-BTP3



Mobile Device Compatibility



Apple iOS
An Apple iPhone or iPad
with Bluetooth® running iOS
version 13 or newer.

Printed in Canada

GARNET

Liquid management solutions, your way.

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ABOUT THE APPLICATION

The SeeLevel RV 2.0 app offers a wide range of powerful features to enhance your RV monitoring experience. With seamless compatibility for Apple iOS devices, this app allows you to effortlessly connect and monitor your tank levels and battery voltage right from your mobile device. The app provides real-time updates on up to four holding tanks, including fresh, grey, black, and LPG tanks. You can customize tank and device names, choose graphical tank fluid colors, and set personalized tank level alarms for timely notifications (see note below). The intuitive interface and Auto-Connect feature ensure easy access to vital information directly from the Home Screen. With the SeeLevel RV App, managing your resources and maintaining peace of mind while on the road has never been easier.

NOTE:

The iOS alarm feature is currently in Beta and has the following limitations:

- The alarm will not function while the app is closed or in the background.
- The alarm can only stay active for a few minutes (15 minutes or less)

These limitations will be addressed in a future update. expands on information for any procedures.

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Version: 1.0 - 01-Aug-2023

GETTING STARTED

Download and Install App

For **Apple iOS** devices go to the Apple App Store and search "[SeeLevel RV 2.0](#)". Download and install the application.



NOTE: DON'T MISS OUT ON UPDATES

The app will be updated periodically. To avoid missing out on these updates, make sure to enable auto-update in your app store or manually check for updates.

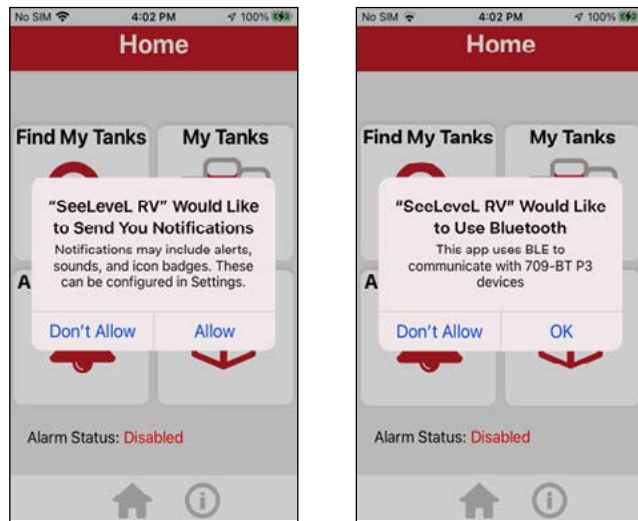
Ensure **Bluetooth**® is Enabled

Once you have completed the installation, check that **Bluetooth**® is enabled in your device settings.



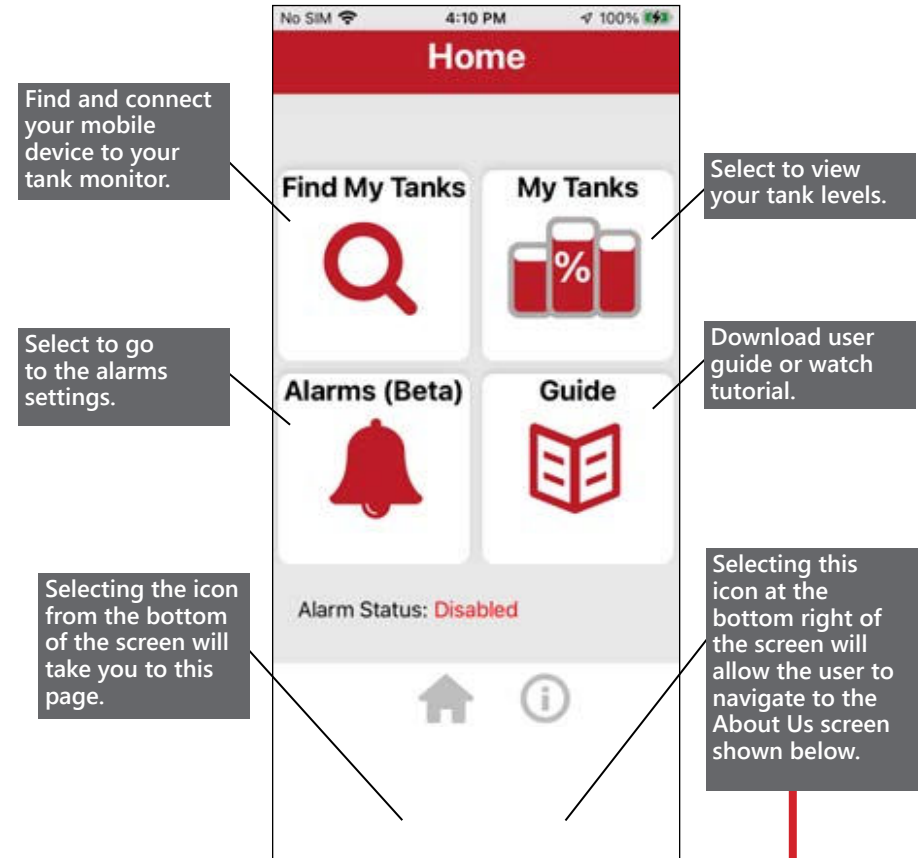
Permission Requests

When you launch the SeeLevel RV App for the first time, there are a few permissions and settings that you need to allow to ensure optimal functionality. Notifications, Device Positioning. Here are some examples of these screens.

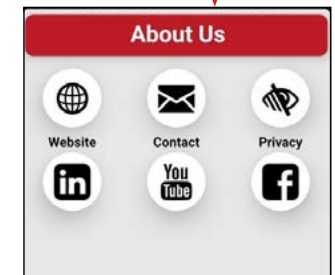
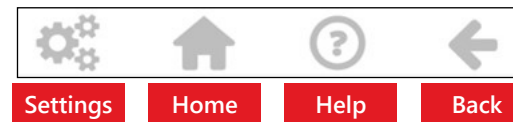


HOME SCREEN

From the home screen, you can select the following button options:





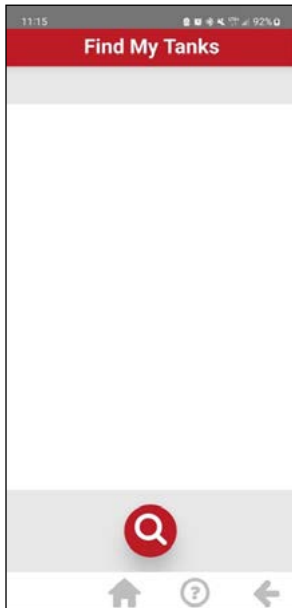
The bottom of some screens have these options.



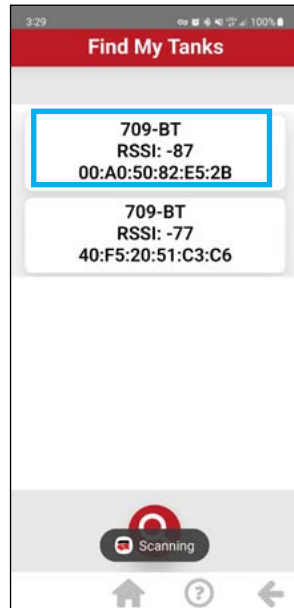


Connect your Device

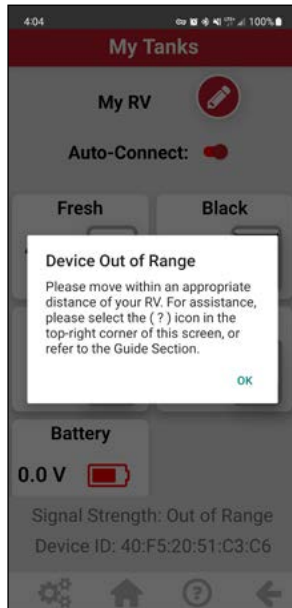
1. After launching the SeeLevel RV App on your mobile device, locate and select the "Find My Tanks" button. This will take you to the "Find My Tanks" screen. On this screen, you should see a "find"  icon, near the bottom of the screen.
2. Tap on  to start the scanning process. The app will begin scanning for available SeeLevel tank monitor devices within range. Wait for a moment as the app searches for and detects the available devices.
3. Once the scanning process is complete, the app will display a list of detected SeeLevel tank monitor devices on the screen, and you can select one of them. Comparing the app tank levels to the levels shown on the tank monitor will ensure that you selected the correct device.



Tap icon to scan.



Select the correct device.



Device not connected.

NOTE: Bluetooth has a typical range of up to 9 meters (30 feet) in order to function well inside the RV and its immediate surrounding area. Please ensure that your mobile device remains within this range of the tank monitor for optimal connectivity and reliable communication between the app and the tank monitor system. It is important to note that the actual range may vary depending on factors such as environmental conditions, obstructions, and the specific Bluetooth capabilities of your mobile device. Metal objects are a leading cause for Bluetooth disruption.

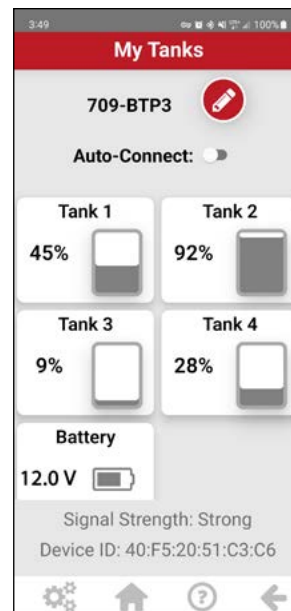


Tank Information

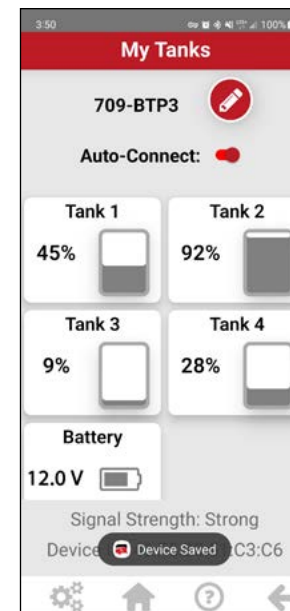
Once the connection is successfully established, you will be redirected to the "My Tanks" screen of the app, where you can start monitoring your tank levels and accessing other features. If the scan is unsuccessful, follow the instructions on the screen.

Switch on Auto-Connect

The Auto-Connect feature eliminates the need for manual connection attempts each time you use the app. Enable the Auto-Connect feature by switching it to the "On" position. Once the connection is established, you can conveniently access tank level information directly from the app's Home Screen using the "My Tanks" button while in Bluetooth range.



My Tanks screen view.




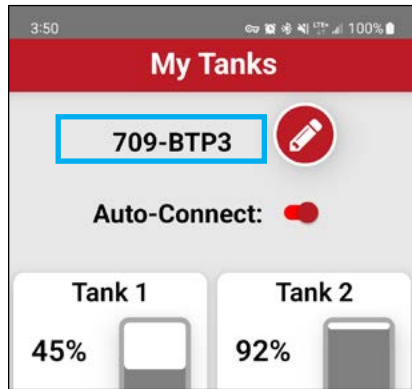
Auto-Connect switch.

CONFIGURATION

Edit Device Name

It is advised that you change the default device name "709-BTP3" to a unique name so that you can distinguish your RV from other nearby RVs that are also equipped with a SeeLevel system, for example, "My RV", or "John's RV", etc.



1. From the "My Tanks" screen, tap on the "edit"  button located at the top right corner of the screen. The app will display an edit window where you can modify the device name.



Tap "Edit" button.

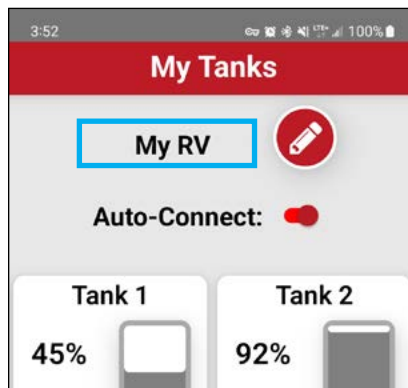


Edit window.

2. Once you have entered the new name, select the  button to save the changes, or  to cancel.



Tap "Edit" button.



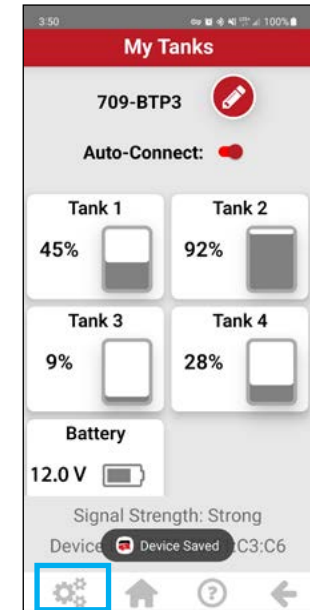
New name.



Device Settings Options



Selecting the "gears" icon at the bottom of the screen allows you to do the following:

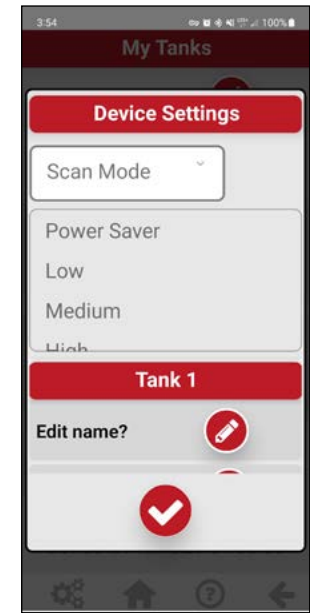
1. Change the *Bluetooth* scan mode.
2. Change the name of an individual tank.
3. Change the fluid color of an individual tank.
4. Choose whether or not to display an individual tank.



Select Bluetooth Scan Mode

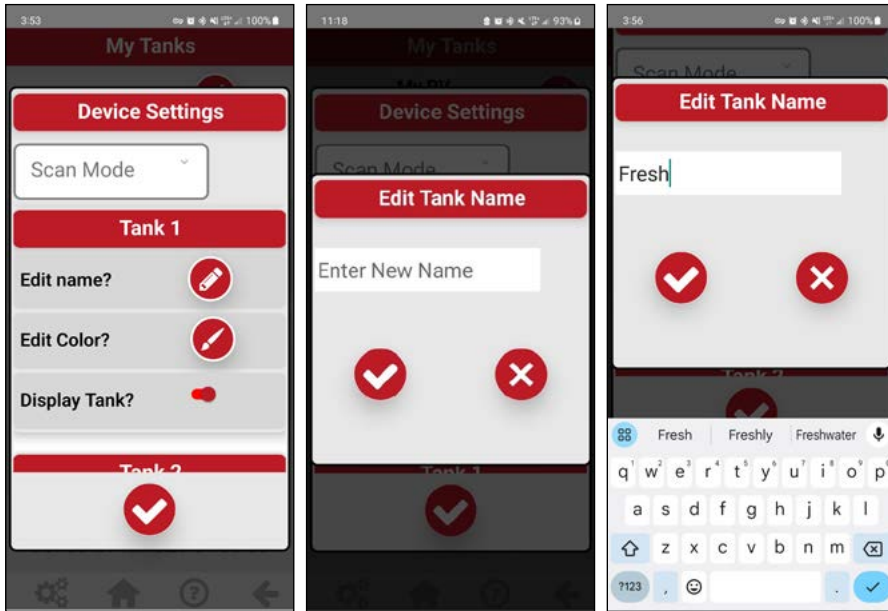
Selecting different scan modes give you the ability to trade-off how quickly an app updates and how much battery life it uses. Battery consumption will rise with higher scan modes.

In device settings, select the "**Scan Mode**" dropdown menu. Select from the Power Saver; low, medium, or high. Select the  button to save the changes, or  to cancel.



Edit Tank Names

In device settings, scroll through to find the tank you want to change. Tap the edit button next to "**Edit name?**", enter the desired name. Select the ✓ button to save the changes, or ✗ to cancel.



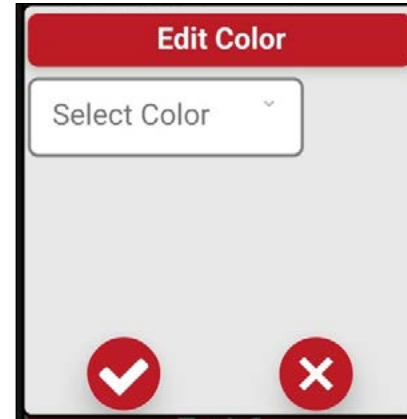
Select edit icon.

Enter a new name.

New name example changed to Fresh.

Change color of fluid in the tank

In device settings, scroll through to find the tank you want to change. Tap the edit button next to "**Edit Color?**", using the dropdown list of color options, select a color you wish to designate for that tank. Select the ✓ button to save the changes, or ✗ to cancel.



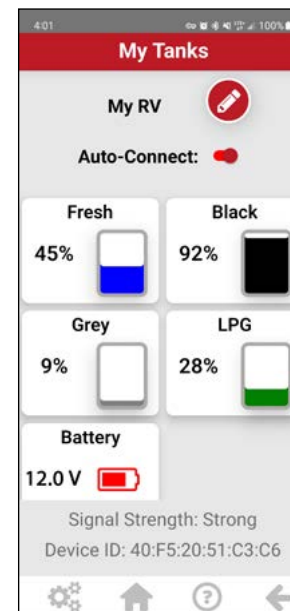
Select Color dropdown.



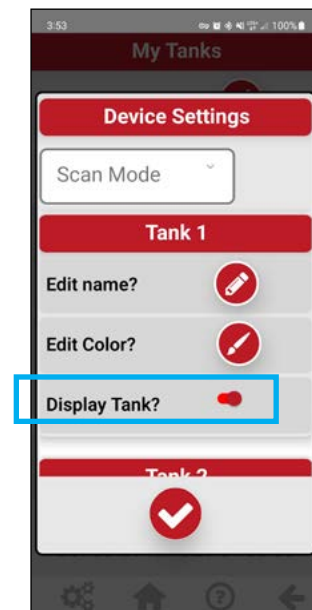
List of color options.

Enable Display Tank

In device settings, turn the toggle switch on or off to enable the tanks you want to appear on the "**My Tanks**" screen.



Example of designated colors.



ALARM SETTINGS (BETA)

Alarms



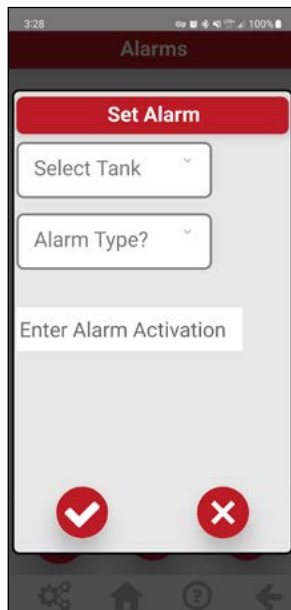
Setting alarms for each tank in the SeeLevel RV App is a valuable feature that allows you to proactively monitor your tank levels. Once an alarm is setup you will receive notifications when tank levels reach specific thresholds, alerting you to take necessary action promptly. Before setting alarms, make sure you are within the appropriate range. From the home screen of the app, locate and select the "**Alarms**" button. This will take you to the "**Alarms**" screen. Once you have selected the tank, you can customize the alarm settings for that tank. To select a tank

To Select a Tank

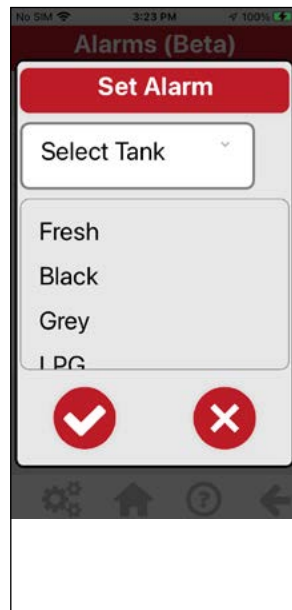
Tap on the "add" **+** button to create an alarm. Tap on the "**Select Tank**" dropdown menu to expand options to open the "Set Alarm" screen. Scroll through to choose the tank from the list and tap to select.



Tap "add" button.



Tap on "Select Tank".



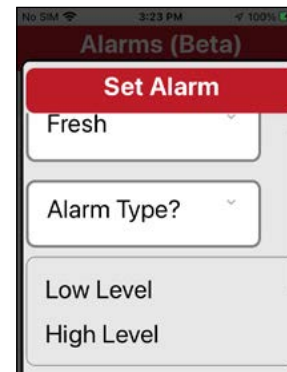
Choose tank from list.

About Alarm Types

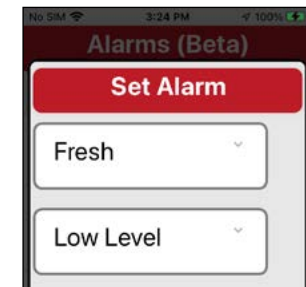
Different fluids in tanks require different alarm level settings. For tanks that lose volume, like the fresh water or LPG tank, set low-level alarms to alert you when levels drop. Tanks that gain volume, such as black or grey tanks, should have high-level alarms to warn you when levels approach capacity. By setting the appropriate high-level or low-level alarms based on the fluid type in each tank, you can effectively monitor the fluid levels and take necessary actions

To Select Alarm Type

On the "Set Alarm" screen, locate the "Alarm Type" dropdown menu, select either "Low Level or High Level" based on the type of alarm you want to set.



Select high or low.

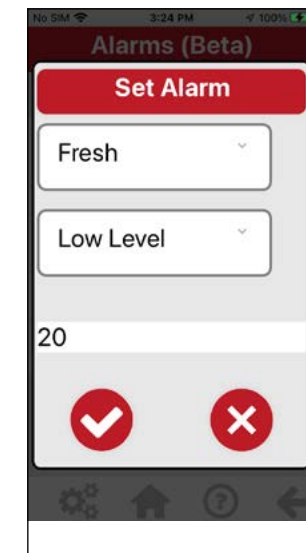


Example of Fresh set low.

Enter Alarm Activation Value



Please enter the percentage value at which the alarm will be activated when the tank level is reached.

Once alarms have been configured on a tank, select the **✓** button to save the changes, or **✗** to cancel.

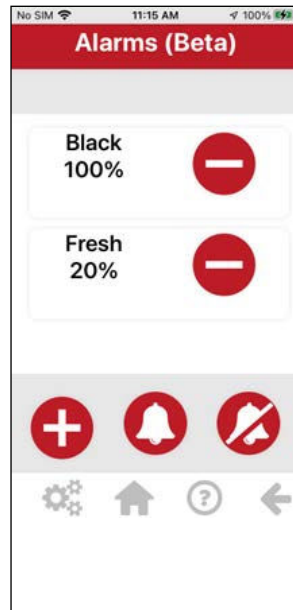
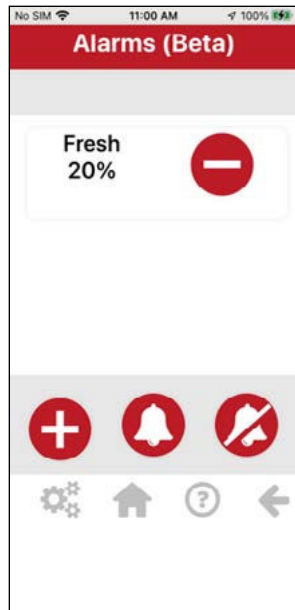


Activated value example.




Enable an Alarm

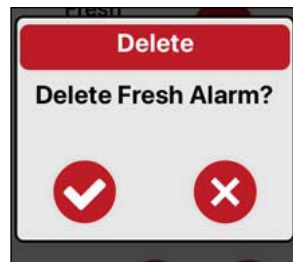
To enable the alarm, select the  button.
To disable, select the  button.

The alarm will stay active for a short amount of time while the app is in the foreground. However, scanning for a device or navigating to the "My Tanks" section will disable the alarm, as these actions require Bluetooth usage.



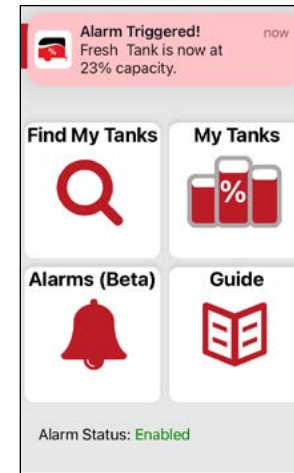
Delete an Alarm

To delete an alarm select the "remove"  button, select  to save, select  to cancel.



Alarm Notifications

When a tank has reached its set threshold you will receive a notification. Selecting the notification will take you the App's home screen.



TROUBLESHOOTING

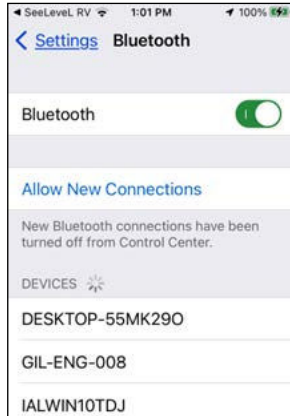
Bluetooth Disabled

If you disable Bluetooth services on your device, you will be prompted to enable it.



Solution

Enable Bluetooth in device system settings.



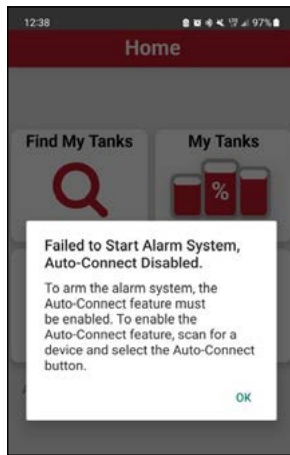
Auto Connect Disabled

If you select "My Tanks" from the home screen and Auto-connect is disabled, this error message is shown.



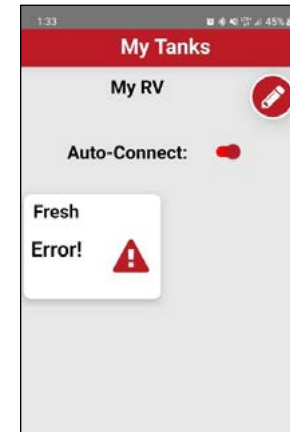
Failed to Start Alarm System

If you try to use the apps alarm feature without enabling auto-connect, this error message is shown.



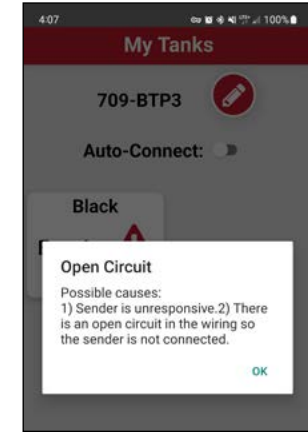
Error! Icon

An error icon as shown below will be displayed if there is an issue with the users 709-BTP3 device.



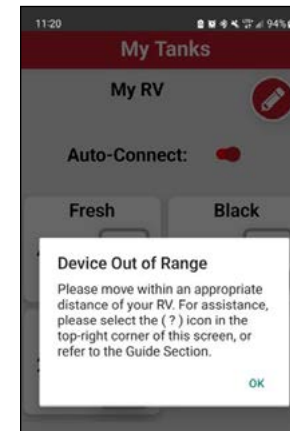
Error Description

A pop-up dialogue box with the error description will appear when you select the error icon.



Device Out of Range

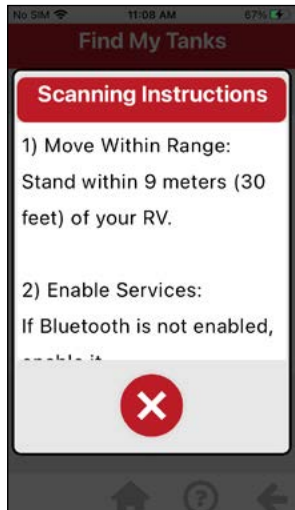
Move within the appropriate distance.



Help

Selecting the "help" icon at the bottom of the screen will display the following help options:

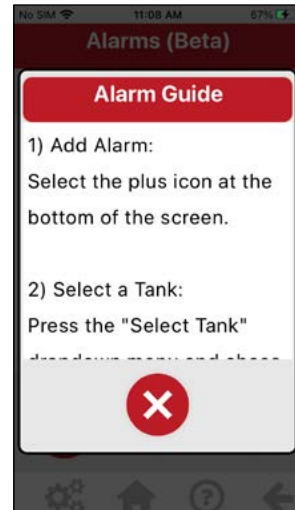
Device Scanning



Device View



Alarm Feature



User Guide Screen

Selecting the "Guide" button from the home screen will open a web browser and take you to Garnet's Resource library page where you can select the App user guide to view or download.

Coming Soon: The "Video" button will take you to a tutorial video from Garnet's YouTube page.

