

FIREFLY



INTEGRATIONS

VEGATOUGH NEBULA

2021 Anthem/Cornerstone User's Manual



ENTEGRA

COACH®

All information contained in this document is subject to change without notice.

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FIREFLY



INTEGRATIONS

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Home Screen Overview

Temperatures by zone.

Time/Date

8 : 19 | 1/7/00

Bedroom 74° Kitchen 75° Living 74° Bay 73° Ext. 73°

No errors reported.

Interior Exterior

Set 1 Set 2 Set 3

Day Shades Night Shades

Away Stow

AC Source: Inverter

Line 1 Line 2

0 V 0 V

0 A 0 A

DC: Chassis DC: House

0 V 12.3 V

AGS INVERTER

OFF GEN ON

Hours: 453.9

Fresh Grey Black

Water Pump Eng. PrHt.

Diesel Ht. Electric Ht.

Aa Home Lights Shades Coach Climate AV Utilities Settings ?

Tap to select your desired screen cleaning mode option.

How dirty is your screen?

Fingerprints (15 sec.) Smudges (30 sec.) Sanitize (60 sec.)

Cancel Start

Tap to add labels to the screen icons.

Aa Labels Clean Home Lights


Tap to put the screen to sleep. Tap BLACK OUT (from the sleep screen) to make the screen go completely dark.





Tap the Question Mark to access available help topics. Tap a topic to learn more.



- 1 The Message Center gives you quick, easy access to warnings and notifications being reported by many systems in your coach. Tap the Message Center to expand the screen. Tap the arrow in any message entry or the Message Glossary List Button to view expanded information.

2 Light Master –  Tap to turn All Lights off.


 Tap to return All Lights to their previous state. Press and Hold to turn All Lights On.



 Press and Hold a SET button to save the current state of lights and name it. Double-tap to only rename it.



Tap a SET button to turn lights On (and off) to your pre-set choice.

Tap to enter the Message Center.

8 : 18 | 1/7/00 Messages

1  No errors reported.


2 Interior Exterior   Set 1 Set 2 Set 3

3  Day Shades  Night Shades



Return Away Stow 4


Tap the speaker to Mute/Unmute specific alarms.

Expanded info

Messages:  Good: No Errors No errors reported.

Glossary of Possible Faults

  Black Tank










 Caution: Black Tank

Detailed Information

Your black tank is at more than 80% capacity.

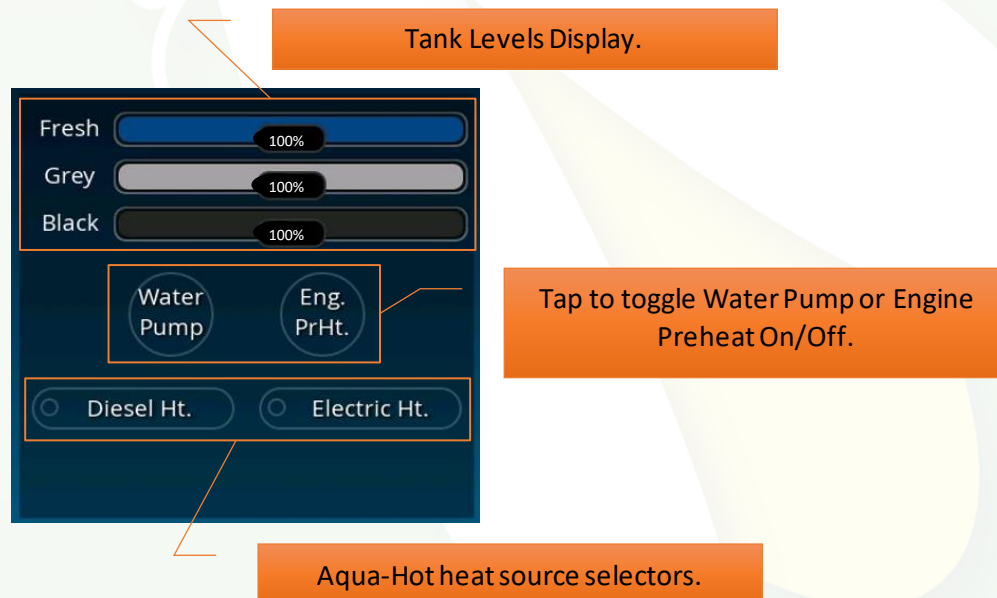
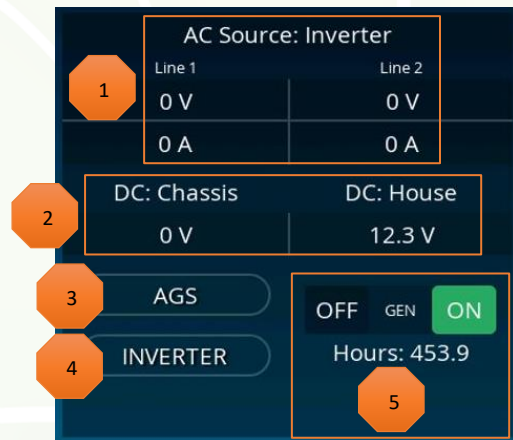
Remedy

Access the plumbing bay mid-way back on the driver's side. Using a portable sewer hose, securely connect the black water dump valve to a dump station and open

Aa          ?

- 3 Shade Master – Tap the Up/Down shade icons to operate all Day/Night shades. Note: For privacy reasons, Master Bathroom and Stool Room shades cannot be ran in the Up direction from Vegatouch.
- 4 Away/Stow – Tap Away or Stow to enter Away or Stow mode. Press and Hold Away or Stow to enter the Action settings screen (See Page 6). Tap Return when you have returned to the coach and want to exit Away or Stow mode.

- 1 Inverter, Shore and Generator power readings (AC power).
- 2 DC Power data (battery power).
- 3 AGS (Auto Gen Start)- Tap to Enable/Disable AGS. Press and Hold to enter the AGS Settings Menu.
- 4 Inverter – Tap to Start/Stop the Inverter. Press and Hold to enter the Inverter Settings Menu.
- 5 Generator – Press and Hold On or Off to operate the generator. The generator hours are saved to the system, not to the generator itself.



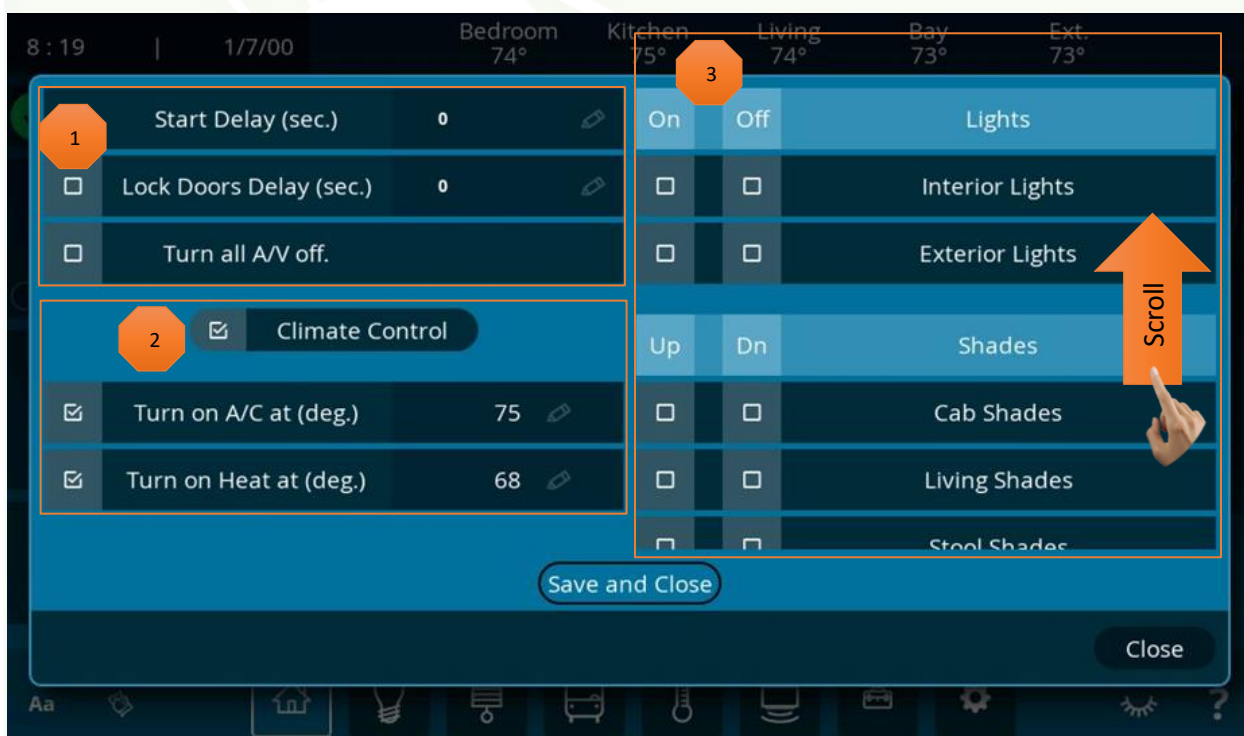


Home – Away/Stow

The Away/Stow Action screen is accessed by holding Away or Stow on the Home Page.



This screen will allow you to customize how your coach will function while you are away regarding AV, Lights, Shades, Water pump and Climate Control operations. Swipe Up/Down to scroll through all of the options. **50 Amp shore power or AGS required for Climate Control.**



1 Lock Doors Delay – Tap the check box to enable. The doors will lock at after a specified amount of time (up to 120 seconds) once Away or Stow has been tapped.

Turn all A/V off – Tap the check box to enable this feature. All A/V will turn off once Away or Stow has been tapped.

2 Climate Control – If this is left unchecked, current Climate Control settings will stay active and there will be no changes. Once it has been checked, Turn on AC and Turn on Heat parameters will become available to select (as shown).

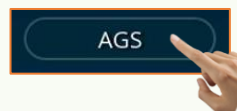
3 Swipe Up/Down to scroll through all of the options. Select On/Off or Up/Down for each function.



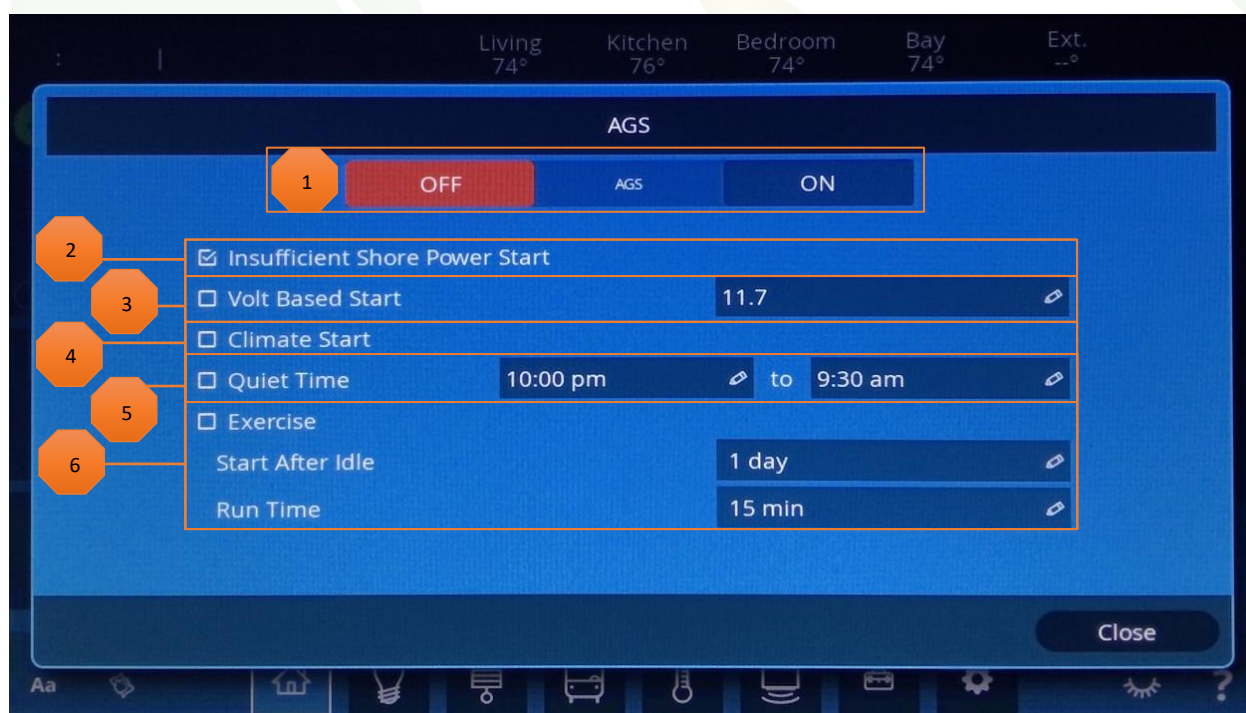
Home – AGS

You can easily control when the generator will automatically start by adjusting the settings below.

The AGS Dialogue screen is accessed by holding AGS on the Home screen.



- 1 Tap On or Off to enable/disable AGS.
- 2 Insufficient Shore Power – The generator will automatically start if shore power becomes insufficient to handle the required load.
- 3 Volt Based Start – Tap the check box to enable. The generator will start when the system voltage reaches a desired low point. Tap the selector box to adjust the set point.
- 4 Climate Start – Tap the check box to allow the generator to start based on climate energy needs.
- 5 Quiet Time – Tap the check box to enable. Tap the selector boxes to enter your desired quiet hours where the generator will not run.
- 6 Exercise – Tap the check box to enable allow the generator to start periodically to exercise. Tap the Day/Min boxes to choose your desired intervals and run time.





Home - Inverter

- 1 Default – Tap the default button to reset all Inverter settings back to Entegra defaults.
- 2 Inverters – Tap to toggle the inverters On/Off individually (Red = Off, Green = On).
- 3 Chargers – Tap to enable or disable the individual chargers.
- 4 Battery Maintenance – Tap the button to perform Battery Maintenance as needed. Note: This process will take roughly 5 hours to complete and 50 amp shore power is required.
- 5 Inverter information – Technical information regarding your inverter and inverter bridge.
- 6 Battery/Charger Setup – Tap the selection boxes to customize the values of your charging system. For more information, please see your inverter's user manual or contact Entegra for recommended settings.

The screenshot shows the 'Home - Inverter' app interface. At the top, there are tabs for 'Bedroom', 'Kitchen', 'Living', 'Bay', and 'Ext.'. Below these is a 'Default' button (1). The main area is divided into two sections. The left section is titled 'Inverter' and contains a table with AC and DC voltage, frequency, and current readings for two inverters. The right section contains controls for 'Inverter 1' and 'Inverter 2' (2), 'CHG 1' and 'CHG 2' (3), and a 'Battery Maintenance' button (4). Below these are fields for 'I/C FW', 'I/C Model', and 'Bridge FW' (5). At the bottom, there is a 'Close' button. A large blue box (6) covers the bottom half of the screen, likely representing a loading or error state.

AC	VOLTS	Hz	DC	VOLTS	AMPS
In 1	0 V	0 Hz	Inv 1	0 V	0 A
Out 1	0 V	0 Hz	Inv 2	0 V	0 A
In 2	0 V	0 Hz			
Out 2	0 V	0 Hz			

Battery Type:	Custom 1	Absorb Volts:	14.5
Float Volts:	13.7	Absorb Hours:	2.5
Low Battery Cut Out:	10.7	Equalize Volts:	14.6
Search Watts:	0	VAC Dropout:	80
50A: Out of Phase:	50	30A: In-Phase:	30



Lights – Basic Mode

1

Tap the lighting mode selector buttons to choose between Basic Mode (room based) or Control Mode, which allows for more customized lighting options.

2

Simply Tap an area on the coach graphic to toggle the room lights ON/OFF. Adjust the brightness of the room by sliding the fader to your desired level.





Lights – Control Mode

1

Control mode allows for the complete control of every light in the coach. Simply tap the graphic of the light that you want to toggle On/Off or slide the fader to adjust brightness.

Light indicators will change from White (Light Off) to Green (Light On) when tapped. Double tap a light indicator to select it without turning it on/off or affecting its brightness. Once selected, this light will stay fader adjustable for 15 seconds or until another light is selected, whichever comes first. Note: deselect times can be adjusted by clicking on the Settings button/User tab.





Shades – Basic Mode

1

Tap the Shades mode selector buttons to choose between Basic Mode (room based) or Control Mode, which allows for more customized shade control options.

2

To operate the shades, tap the round shade selector icon in the room that you would like to control (a green checkmark will appear once selected). Then, simply tap the Sun or Moon icon to select Day or Night shades and tap the Up/Down arrow to fully raise or lower the selected shades. If you do not wish to fully raise/lower the shades, tap the same arrow again to stop the shade's travel. Once a shade has been selected, you will have 15 seconds to operate the shade before the room becomes deselected.





Shades – Control Mode

Control mode allows for the complete control of every shade in the coach.

1

To operate the shades, tap the round shade selector icon for the shades that you would like to control (a green checkmark will appear once selected). Then, simply tap the Sun or Moon icon to select Day or Night shades and tap the Up/Down arrow to fully raise or lower the selected shades. If you do not wish to fully raise/lower the shades, tap the same arrow again to stop the shade's travel. Once a shade has been selected, you will have 15 seconds to operate the shade before it becomes deselected.





Coach – Exterior Lights

1

The Exterior Lights screen will be selected by default. Tap Slide/Awn if you wish to navigate to the Slides/Awnings screen. Note: a warning message will appear once Slide/Awn has been tapped.

2

Tap Motion Sensor to activate motion light functionality.

3

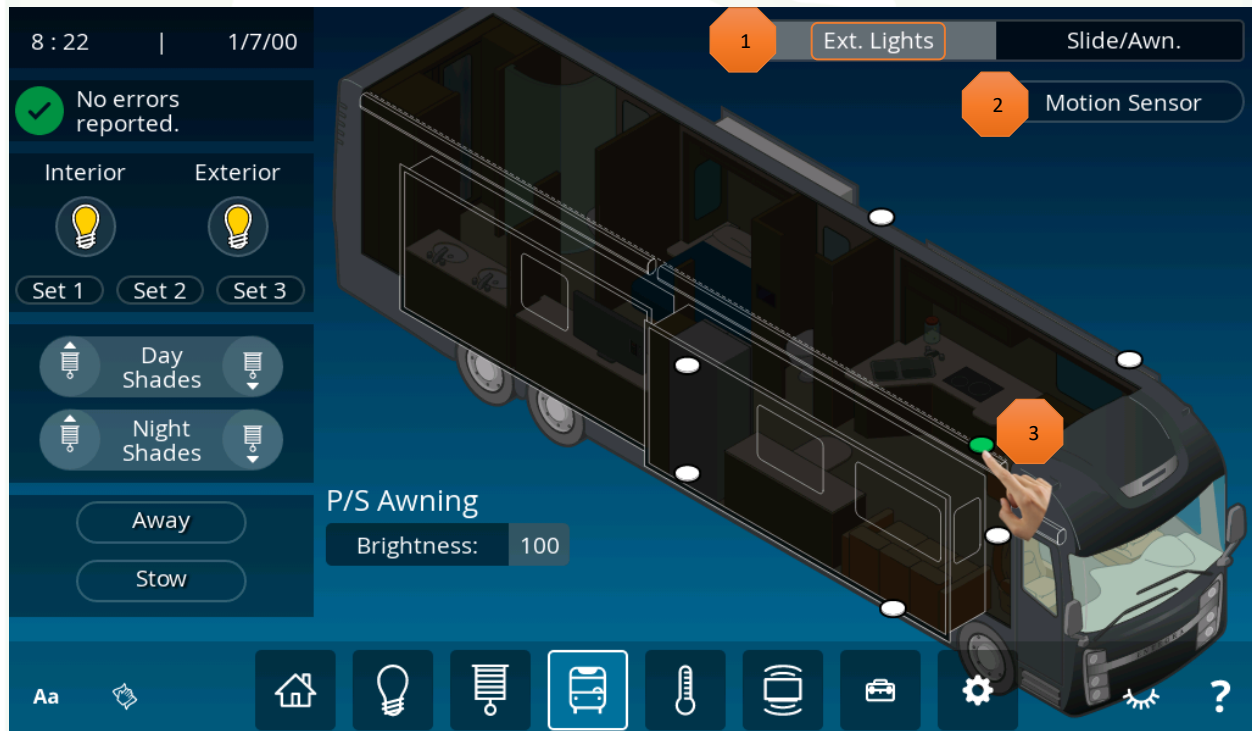
Tap the graphic of the light that you want to toggle On/Off. Light indicators will change from White (Light Off) to Green (Light On) when selected. The brightness for exterior lights is not dimmable.

WARNING

Check the location of the driver's seat before operating to ensure clearance.

Keep people and objects clear of the inside and outside of the slideout room when extending/retracting.

Do not over extend/retract the room - release the button immediately once the slide out room has been fully extended/retracted.





Coach – Slides/Awnings

Engage the parking brake before operating the Slides/Awnings.

1 Tap the arrows to Extend or Retract the desired awning. It will stop automatically at the end of the cycle. A stop button will appear after an Ext/Ret button is pressed. Tap the Stop button to stop the awning at its current position.

2 Press and Hold the arrows to Extend or Retract the slide rooms. Release the arrow to stop.





Climate – Manual Mode

1 Climate Mode - Tap to cycle through and select a climate mode (Auto, Cool, Heat or Off).



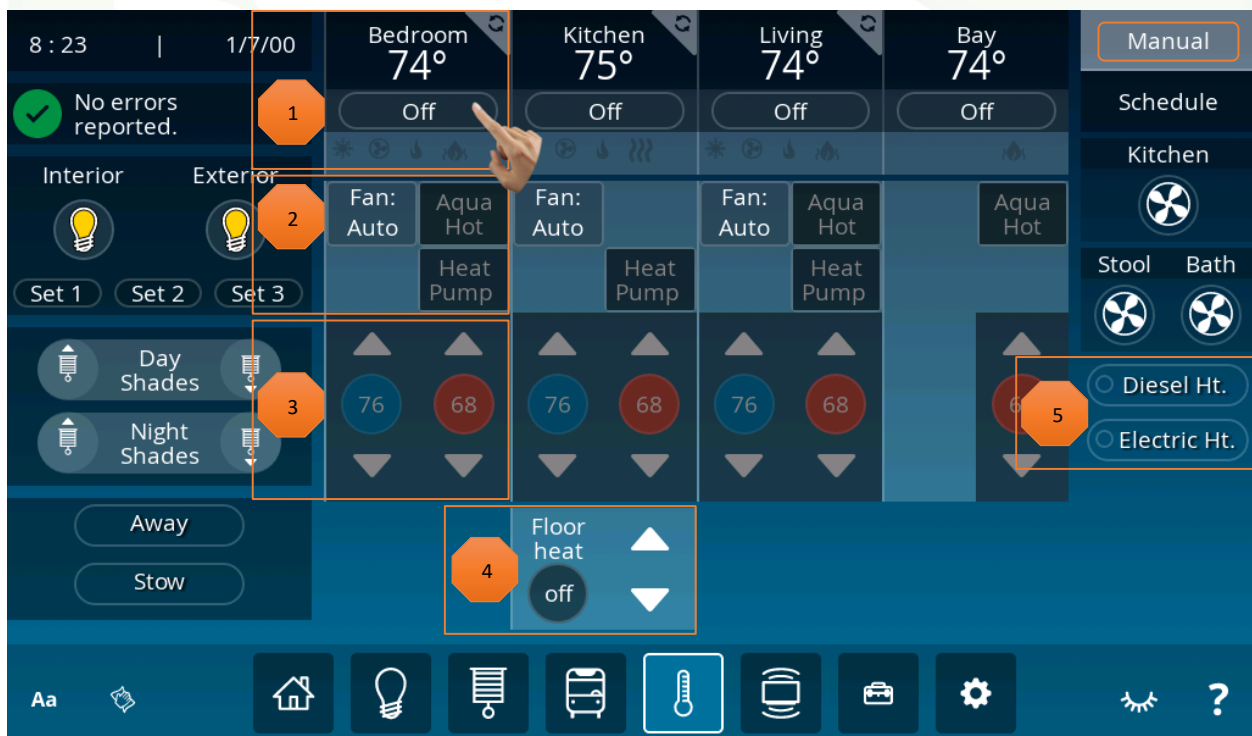
Tap this icon to apply a particular zone's climate settings across all zones.

2 Tap the icons to select your desired Fan Speed, AquaHot and Heat Pump settings.

3 Set Temp - Tap the arrows to select your desired temperature.

4 Floor Heat - Tap the arrows to select between off or set between the temperature to between 32-100 degrees.

5 AquaHot Heat Source – Tap to choose a heat energy source (Diesel or Electric).





Climate – Schedule Mode

Schedule Mode – Tap the Day/Night schedule button to choose Day/Night mode and setup your desired start times and personal climate settings for each zone . Day Schedule mode will stay active until Night Schedule begins and vice versa.

The button that switches between day and night mode will go grey when that mode is active. So, if schedule mode is in DAY MODE, when that button displays the sun, the button will also be grey. At the same time, if the button displays the moon, it will not show as highlighted because that mode is inactive.

The screenshot displays the Climate Schedule Mode interface. At the top, a status bar shows "No errors reported." Below this, the interface is divided into several sections. On the left, there are controls for "Interior" and "Exterior" lighting, with "Set 1", "Set 2", and "Set 3" buttons. Below these are "Day Shades" and "Night Shades" controls. In the center, there are four climate zones: Living (58°), Kitchen (66°), Bedroom (64°), and Bay (64°). Each zone has a "Fan" control (Auto) and "Aqua Hot" and "Heat Pump" options. Below the zone controls are "Away" and "Stow" buttons. On the right, there is a "Manual" tab with a "Schedule" button. A hand is pointing at the "Night Schedule" button, which is highlighted. Below this, the "Night Start Time" is set to 10:00 pm. Further down, there are controls for "Kitchen", "Stool", and "Bath" fans, and "Diesel Ht." and "Electric Ht." options. At the bottom, there is a navigation bar with icons for home, light, fan, stove, climate (highlighted), oven, and settings.



Audio/Video (A/V)

1

Theater Mode – Set the mood for a movie with just the touch of a button. Press and Hold On or Off to enter the Theater Mode dialogue screen. Scroll through the dialogue screen and tap the check boxes to select your specific Lights/Shades Theater Mode configuration. If ON is selected for a light, a fader will appear which can be slid to select your desired brightness level.

2

AV Zone Selector – Tap to select an A/V zone. In this example, Living Room A/V has been selected so the Living Room A/V Control screen will now open on the Vegatouch (see next page).

8 : 25 | 1/7/00

OFF Bedroom Theater Mode ON 1 OFF LR Theater Mode ON

✓ No errors reported.

Interior Exterior

Set 1 Set 2 Set 3

Day Shades Night Shades

Away Stow

Aa

EXTERIOR AV

1

Up	Dn	Shades
<input type="checkbox"/>	<input type="checkbox"/>	Bedroom Shades
<input type="checkbox"/>	<input type="checkbox"/>	Master Bath Shades

On	Off	Lights
<input type="checkbox"/>	<input type="checkbox"/>	Bedroom Lights

Save and Close

Close



A/V Controls

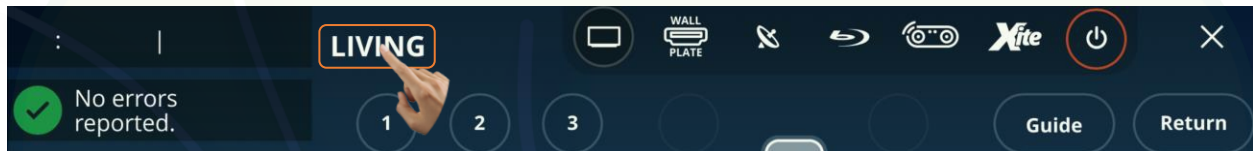
Tap an activity icon to select the A/V equipment that you would like to control. In this example, TV has been selected so the TV icon will now appear circled. Note: The power button will always appear with a red circle around it. All A/V equipment controlled by Vegatouch should function exactly as it does from your individual remote controls.



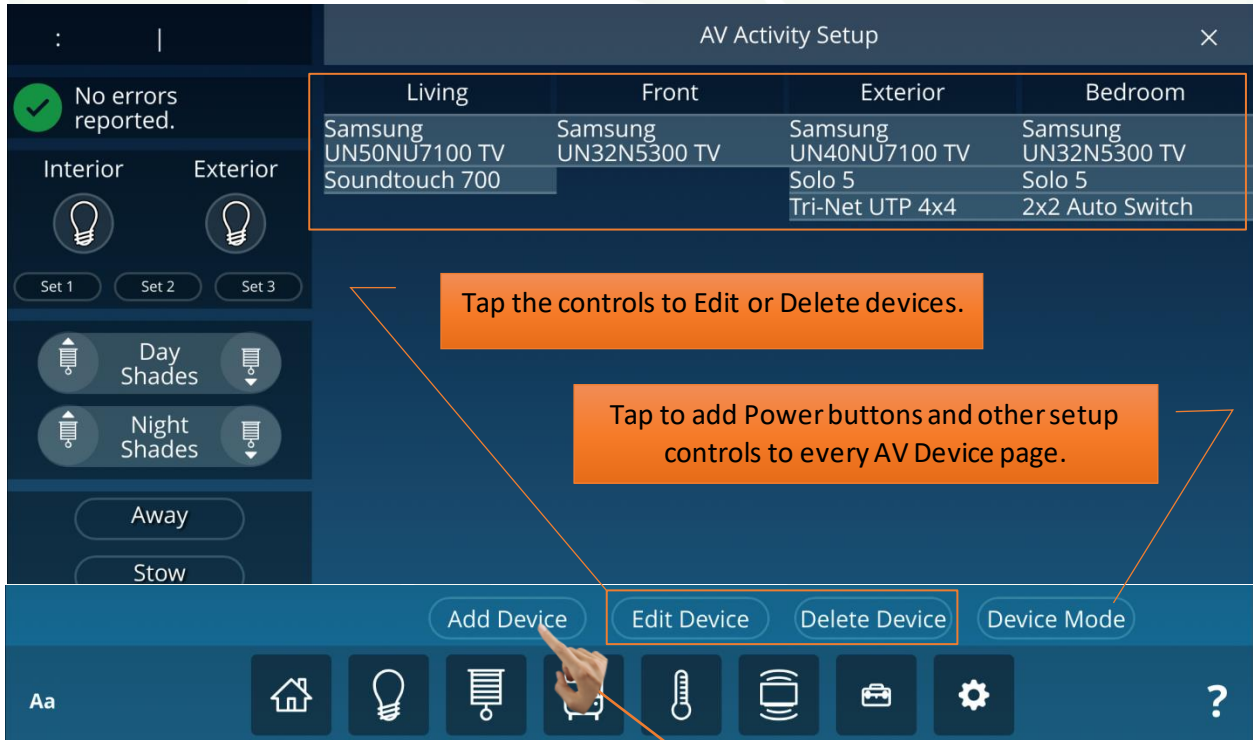


A/V Activity Setup

Press and Hold a zone for 2 seconds to enter the AV Activity Setup screen.



Tap any of the equipment listed below to edit HDMI Port and Audio Connection settings.



Add New Device – Tap to access the add screen. Tap through the selector boxes to setup your desired equipment.

Add New Device

{ Device Name } | { Device Make } | { Device Model } | GC: | { GC Port } | { input port } Back

Device Name:	<input type="text"/>
Make:	<input type="text"/>
Model:	<input type="text"/>
Control:	<input type="text"/>
Allowed Zones:	<input type="checkbox"/>
Extra TV Volume:	<input type="checkbox"/>
Specific Icon:	<input type="checkbox"/>



A/V – Satellite Selection

1 Press and Hold the Satellite icon for 1 second to display the Satellite Selection box.

2 Tap to select (Gray) your specific satellite equipment. Tap close to exit.





A/V – Cameras

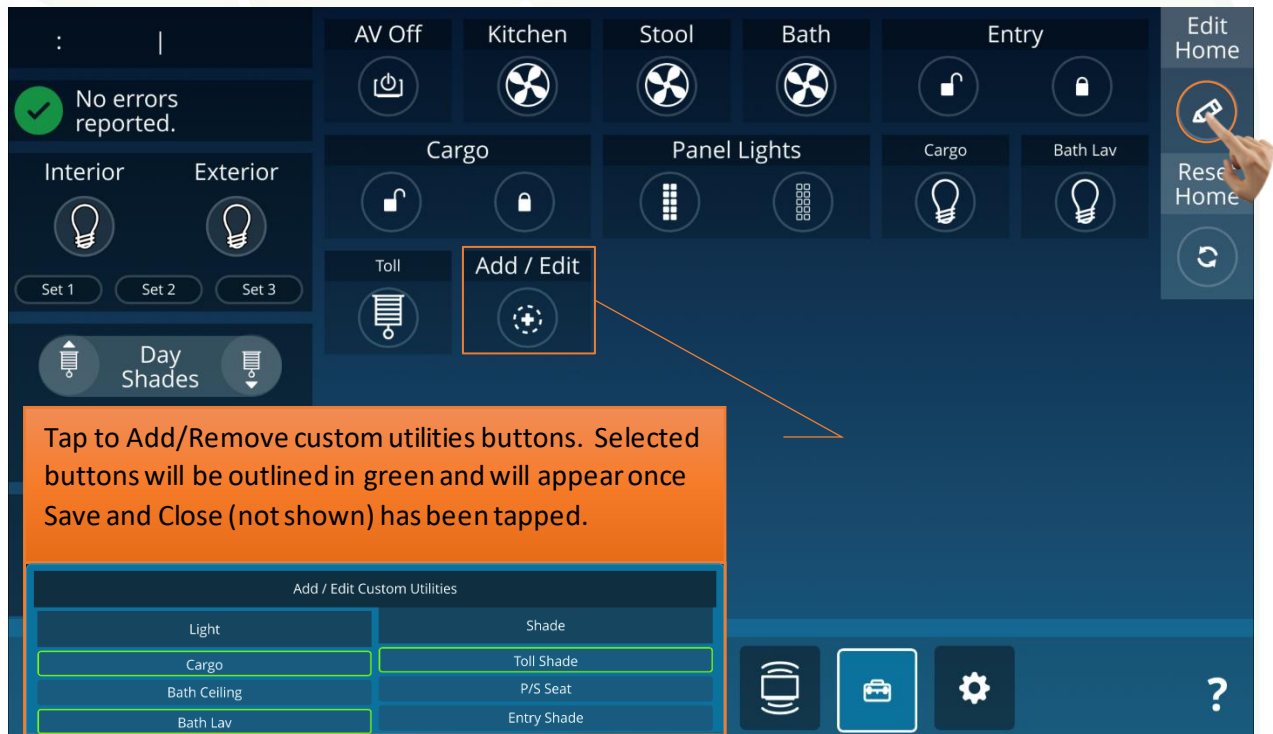
- 1 Cameras may be accessed from any A/V zone by clicking on the Xite icon.
- 2 Tap the Cameras button to display the Camera Angles screen.
- 3 Tap the camera angle that you wish to view. The camera feed will display on the TV in the zone that you have chosen (house mode). The rear-view camera will allow for additional angles that can be chosen.
- 4 Tap Enable to have the display cycle through the left, right, rear and front camera angles periodically (parking brake required). Drag the slider to select the time period that the camera angle will change (5 - 60 seconds).
- 5 Tap Toggle Camera Display to toggle the camera view on the Xite screen.



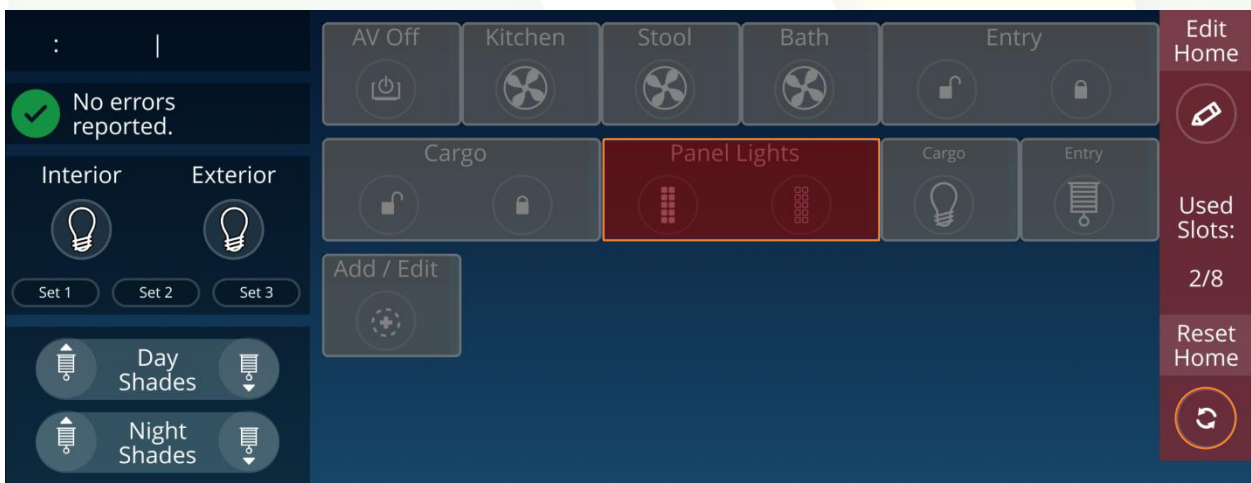


Utilities

The Utilities screen houses the controls for A/V Off, fans, and locks. All of these functions can be added to the Home Screen by using the Edit Home feature.

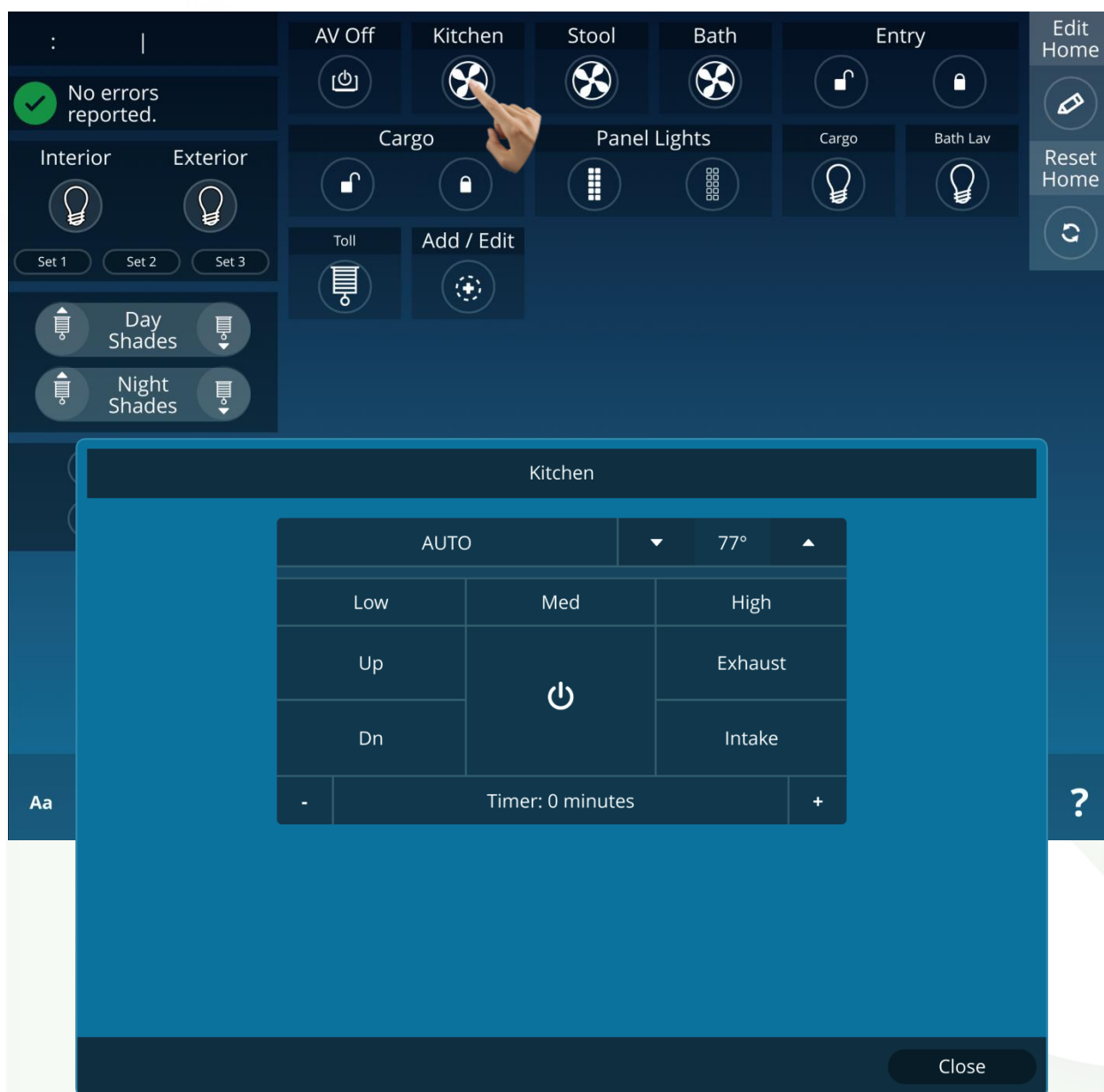


Edit Home – To add the icons to the Home page simply Tap the icons to Select (Red) or Deselect (Gray) each of them. In this example, the Panel Lights button has been selected and will be available for use on the Home screen once the user has re-pressed the pencil button. Tapping the Reset Home button will deselect all of the icons and remove them from the Home page.



Fan Controls – Press and Hold any Fan button to bring up the Fan Dialogue screen.

Tap the controls to setup fan functionality to your specifications (direction, speed, timer, etc.).





Settings/Display

Display will be the default tab when you click on the Settings button. Click another tab to navigate away from the Display tab.



Press and Hold this icon to reset a particular tab back to default settings.

Slide the fader to adjust screen brightness.

The screenshot shows the 'Settings/Display' interface. At the top, there's a status bar with the time '8:32' and date '1/7/00'. Below it is a tab bar with 'Display' (selected), 'Software', 'Sleep', 'User', 'Images', and 'Pairing'. The 'Display' tab is highlighted with an orange box. Below the tabs, there's a 'Brightness' section with a slider set to 100%. An orange box highlights the slider, with a callout from the text 'Slide the fader to adjust screen brightness.' Below the brightness section is the 'Mute Sounds' section, which has a '24hrs' option and a 'Forever' option. An orange box highlights the 'Forever' option, with a callout from the text 'Tap to select or enter your desired Alarm Mute settings.' The bottom of the screen features a navigation bar with icons for 'Aa', 'Home', 'Light', 'Shades', 'Train', 'Thermometer', 'TV', 'Briefcase', 'Settings' (highlighted with a blue box), 'Sun', and 'Help'.



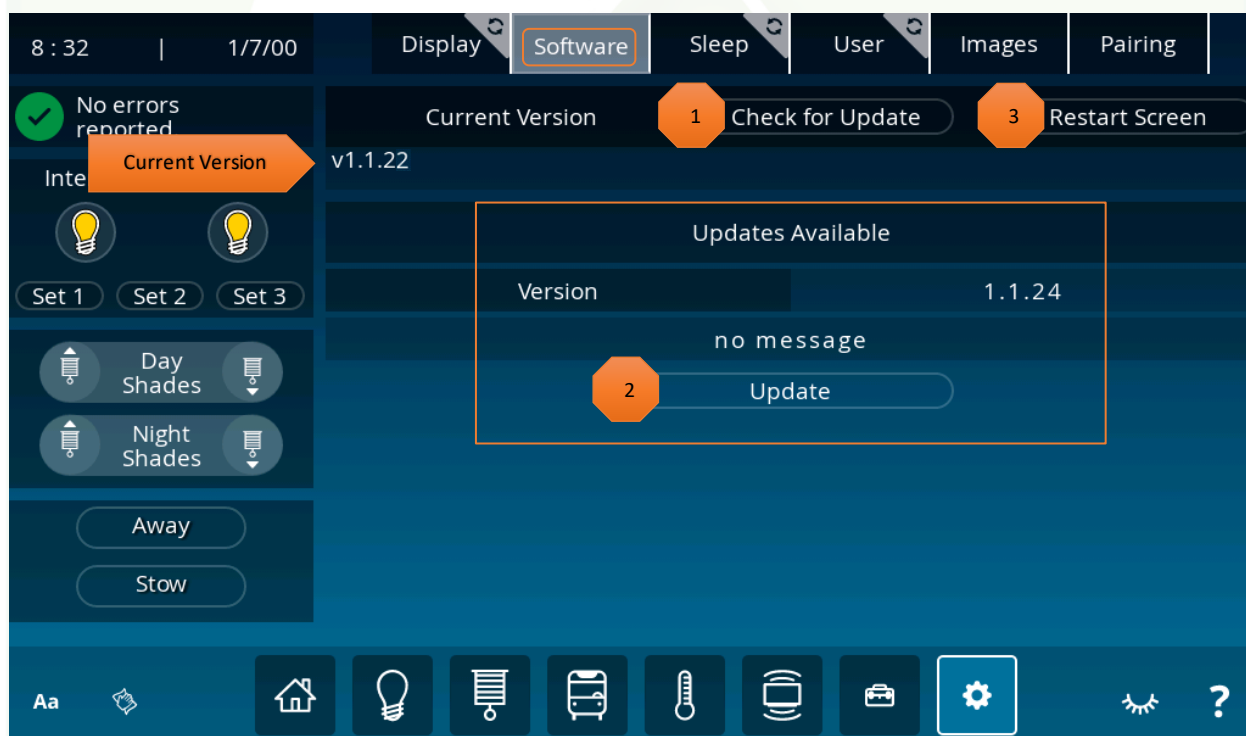
Settings/Software

Any required software updates will be done wirelessly via the cloud (your coach must be connected to the internet to receive an update).

1 Check for Update – Tap to check for available system updates.

2 Update – Tap to install the latest update.

3 Restart Screen – Tap to restart the Vegatouch screen.

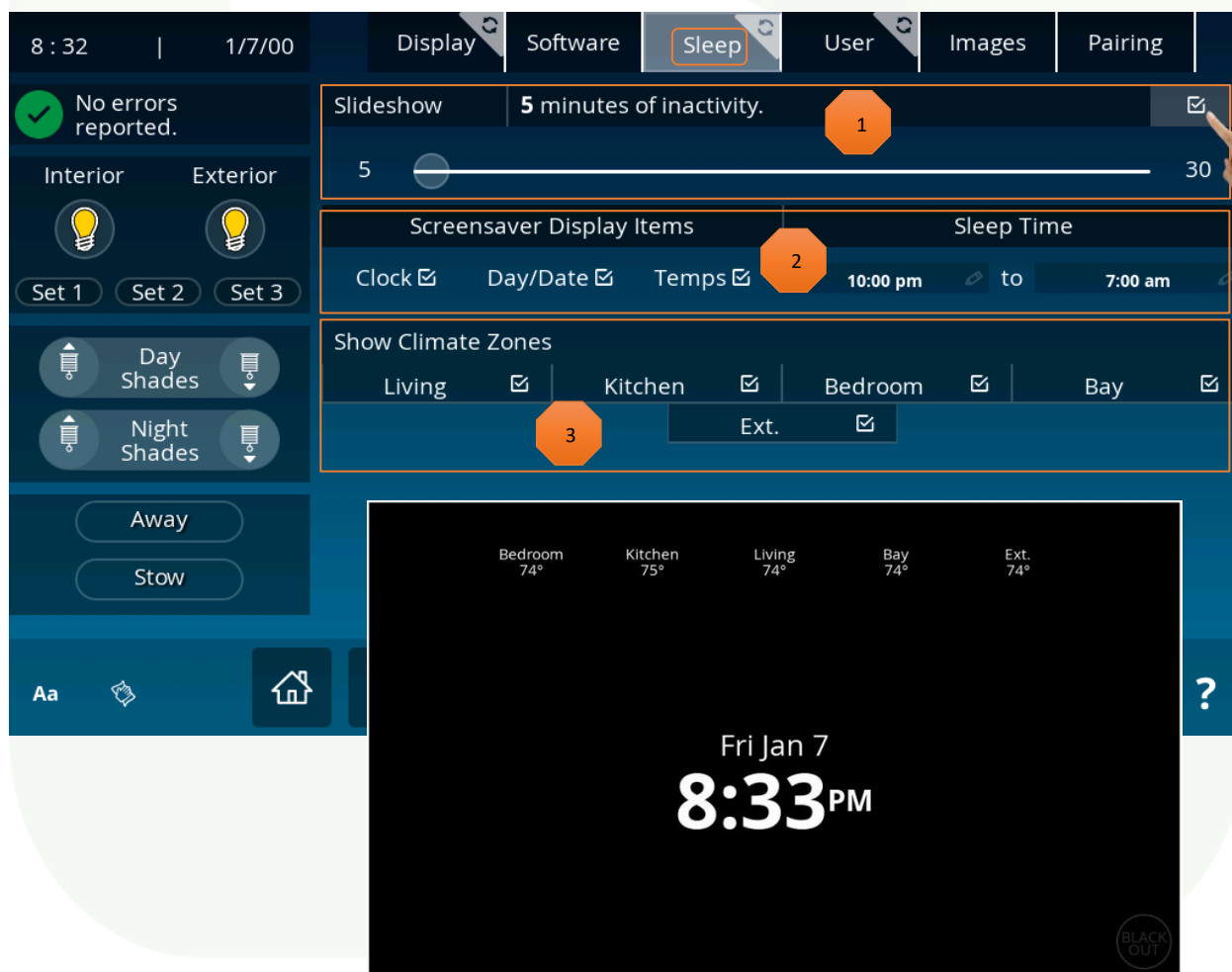




Settings/Sleep

This screen will be used to select your desired display options for the Sleep screen.

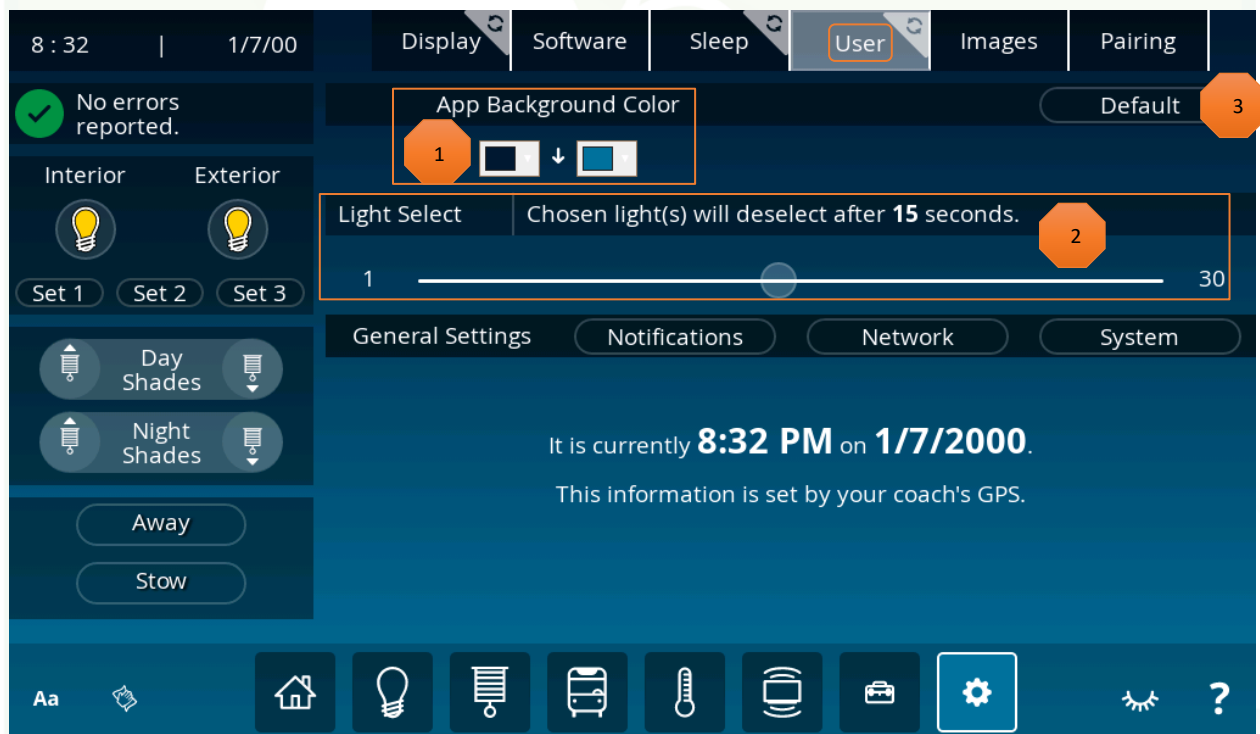
- 1 Tap the Check Box to enable the slideshow/sleep screen. Slide the fader to adjust the time period of inactivity required before the slideshow/sleep screen begins.
- 2 Screensaver Display Items – Tap the items that will display on the Screensaver. Enter a time period where you would like the screen to sleep each day. When the current time is within the sleep time parameters, the screen will bypass the screensaver page and go completely black.
- 3 Show Climate Zones – Choose the individual zone temps that you would like to display on the sleep screen.





Settings/User/General Settings

- 1 The General Settings component of the User tab will allow you to change the color scheme of Vegatouch. Simply tap the color selector windows to customize the top and bottom color scheme.
- 2 Light Select – Slide the fader to select the amount of time that lights will remain selected once tapped (1-30 seconds).
- 3 Default – Tap to scroll through several preset Vegatouch color schemes.





Settings/User/Notifications

1

Use this screen to setup which coach conditions will result in a notification on the Nebula app. Tap the check box for each condition that you'd like to be notified about. Notice: no notifications will be sent if the first box (Notify me if an error occurs) has not been checked.

Display Software Sleep User Images Pairing

✓ No errors reported.

Interior Exterior

Set 1 Set 2 Set 3

Day Shades Night Shades

Away Stow

Push Notification Setup

Errors	1		
Grey Tank	Notify me if the Grey tank is nearly full.	<input type="checkbox"/>	
Fresh Water	Notify me if the Fresh tank is nearly empty.	<input type="checkbox"/>	
Black Tank	Notify me if the Black tank is nearly full.	<input type="checkbox"/>	
House Battery	Notify me if the house battery drops below 11.8V.	<input type="checkbox"/>	
Chassis Battery	Notify me if the chassis battery drops below 11.8V.	<input type="checkbox"/>	
Network Comm.	Notify me if the network comm. gets interrupted.	<input type="checkbox"/>	
Basement Temp	Notify me if the basement temp nears freezing.	<input type="checkbox"/>	

Occurrence: Notifications will occur EVERY HOUR.

Save and Close

Aa

Home Light Shades Bus Temp Thermostat Camera Settings ?

Tap to adjust how often Notifications will occur.

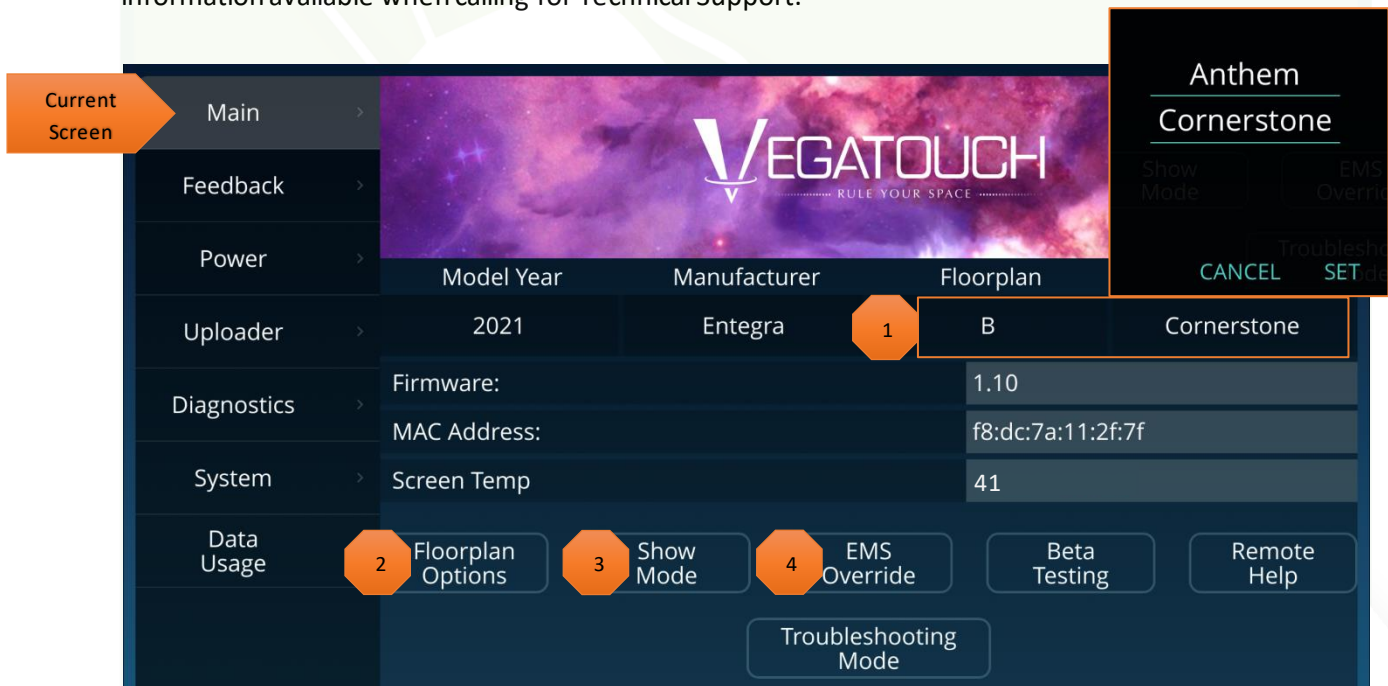


Settings/User/System

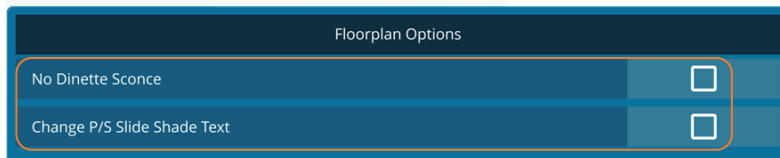
Tapping Settings/User/System will result in the following Settings menu appearing. Note: You can also reach this menu by pressing and holding the Vegatouch Question Mark for 2 seconds.

- 1 Tap to select the Floorplan or Model.

This screen will display all the software versions related to your coach. Always have this version information available when calling for Technical Support.

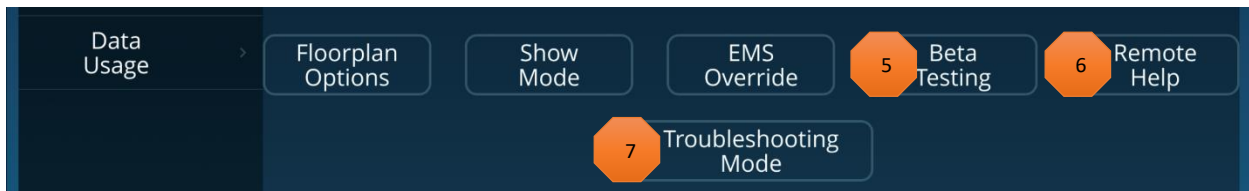


- 2 Floorplan Options - Tap to Enable/Disable available floorplan options.

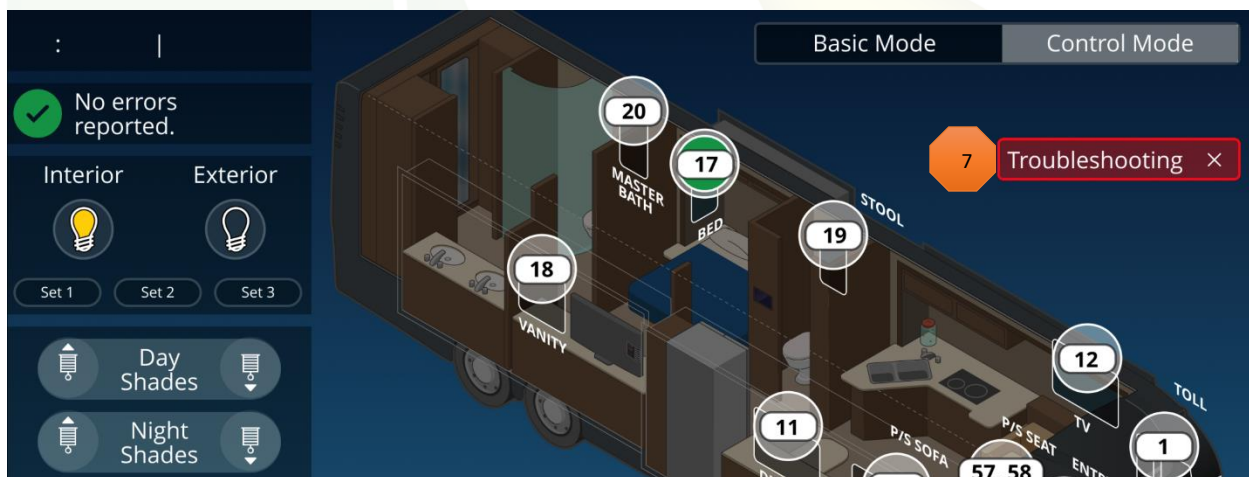
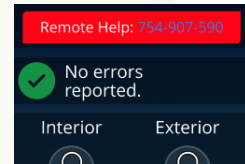


- 3 Show Mode – Once tapped, enter the passcode to enter Show Mode for use at Trade Shows. This mode will disable certain functions and is not meant for the end user.

- 4 EMS Override – Tap to Override the coach's built-in Energy Management System.



- 5 Beta Testing – This mode should not be used without consultation from Firefly Integrations.
- 6 Remote Help – Tapping Remote Help will allow Firefly Integrations to connect remotely for technical assistance. Once enabled, a Remote Help Message and session ID number will appear in the message center. Provide this number to Firefly to start a remote help session. Tap the message to discard it.
- 7 Troubleshooting Mode – Once enabled, the Lights and Shades screens will show the circuit number along with the status of each specific circuit to aid in troubleshooting. Tap the “Troubleshooting” button from either screen to exit the mode.



8 Tabs – Tap the appropriate tab to display its circuits.

9 Feedback – Circuits that are currently on in the coach will display on the Feedback screen with simulated white LED lights as shown.

Current Screen

8

DC Dim AC Load Shades Other

Feedback

Power

Uploader

Diagnostics

System

Data Usage

9

41 : Kitchen Ceiling

1 : Inactive	28 : Bath Accents	55 : Inactive	82 : Sink	111 : Inactive
2 : Inactive	29 : Bed Ceiling	56 : Inactive	83 : LR Edge Accent	112 : Inactive
3 : Inactive	30 : Bed OVHD	57 : P/S Seat Day Down	84 : Inactive	113 : Inactive
4 : Inactive	31 : Bed Accents	58 : P/S Seat Day Up	85 : Dinette	114 : Inactive
5 : Inactive	32 : Bed Vanity	59 : P/S Seat Night Down	86 : Inactive	115 : Inactive
6 : Inactive	33 : Bed Ceiling	60 : P/S Seat Night Up	87 : Inactive	116 : Inactive
7 : Inactive	34 : Stool Ceiling	61 : Water Pump	88 : Inactive	117 : Inactive
8 : Inactive	35 : Stool Accents	62 : Inactive	89 : Courtesy	121 : Inactive
9 : Inactive	36 : Inactive	63 : Inactive	90 : Inactive	122 : Inactive
10 : Inactive	37 : LR Ceiling	64 : Inactive	91 : Inactive	127 : Inactive
11 : Inactive	38 : LR Ceiling	65 : Bed Tilt Raise	92 : Inactive	128 : Inactive
12 : Inactive	39 : LR Ceiling Accent	66 : Bed Tilt Lower	93 : Inactive	129 : Inactive
13 : Lock Cargo	40 : LR Ceiling Accent	67 : Door Awning Extend	94 : Inactive	130 : Inactive
14 : Lock Door	41 : Kitchen Ceiling	68 : Door Awning Retract	95 : Inactive	131 : Inactive
15 : Gen Stop	42 : Dinette Sofa	69 : Inactive	96 : Security Light D/S	132 : Inactive
16 : Unlock Cargo	43 : Inactive	70 : Inactive	97 : Security Light P/S	181 : D/S Front Slide Extend
17 : Unlock Door	44 : Inactive	71 : Inactive	98 : Motion Sensor	182 : D/S Front Slide Retract
18 : Gen Start	45 : Inactive	72 : Inactive	99 : Cargo Light	183 : P/S Front Slide Extend
19 : P/S Rear Awning Extend	46 : Closet Walk-In	73 : Inactive	100 : Inactive	184 : P/S Front Slide Retract
20 : P/S Rear Awning Retract	47 : Midship	74 : Inactive	101 : Inactive	185 : P/S Rear Slide Extend
21 : P/S Rear Awning Stop	48 : Inactive	75 : Inactive	102 : Inactive	186 : P/S Rear Slide Retract
22 : P/S Front Awning Extend	49 : P/S Awning	76 : Inactive	103 : Inactive	187 : D/S Rear Slide Extend
23 : P/S Front Awning Retract	50 : Satellite Dome	77 : Inactive	104 : Inactive	188 : D/S Rear Slide Retract
24 : P/S Front Awning Stop	51 : Porch Light	78 : Inactive	105 : Inactive	
25 : Bath Ceiling	52 : Inactive	79 : Inactive	106 : Inactive	
26 : Bath Lav	53 : D/S Awning	80 : Inactive	107 : Inactive	
27 : Entry Ceiling	54 : Under Slideout	81 : P/S Sofa	108 : Inactive	

10 Auto Gen Start (AGS) – Tap the fields below to select your specific AGS settings. Tap “Restore Defaults” to set the AGS settings back to Entegra Default settings.

Current Screen

Main >

AGS

Feedback >

Power >

Uploader >

Diagnostics >

System >

Data Usage >

Close

AGS	Restore Defaults
Volt-Based Start Time (sec)	20
Volt-Based Shutoff Voltage	13.2
Volt-Based Shutoff Time (min)	120
Cool Down Time (min)	5
Maximum Run Time (hr)	12
Number of Retries to Start	5
Time Between Retries (sec)	40
Inverter Status	Off
Inverter Faults	

Uploader – This screen displays the devices connected to the CAN Network.

[illegible]

Diagnostics – This page could contain useful information for use in troubleshooting possible coach problems.

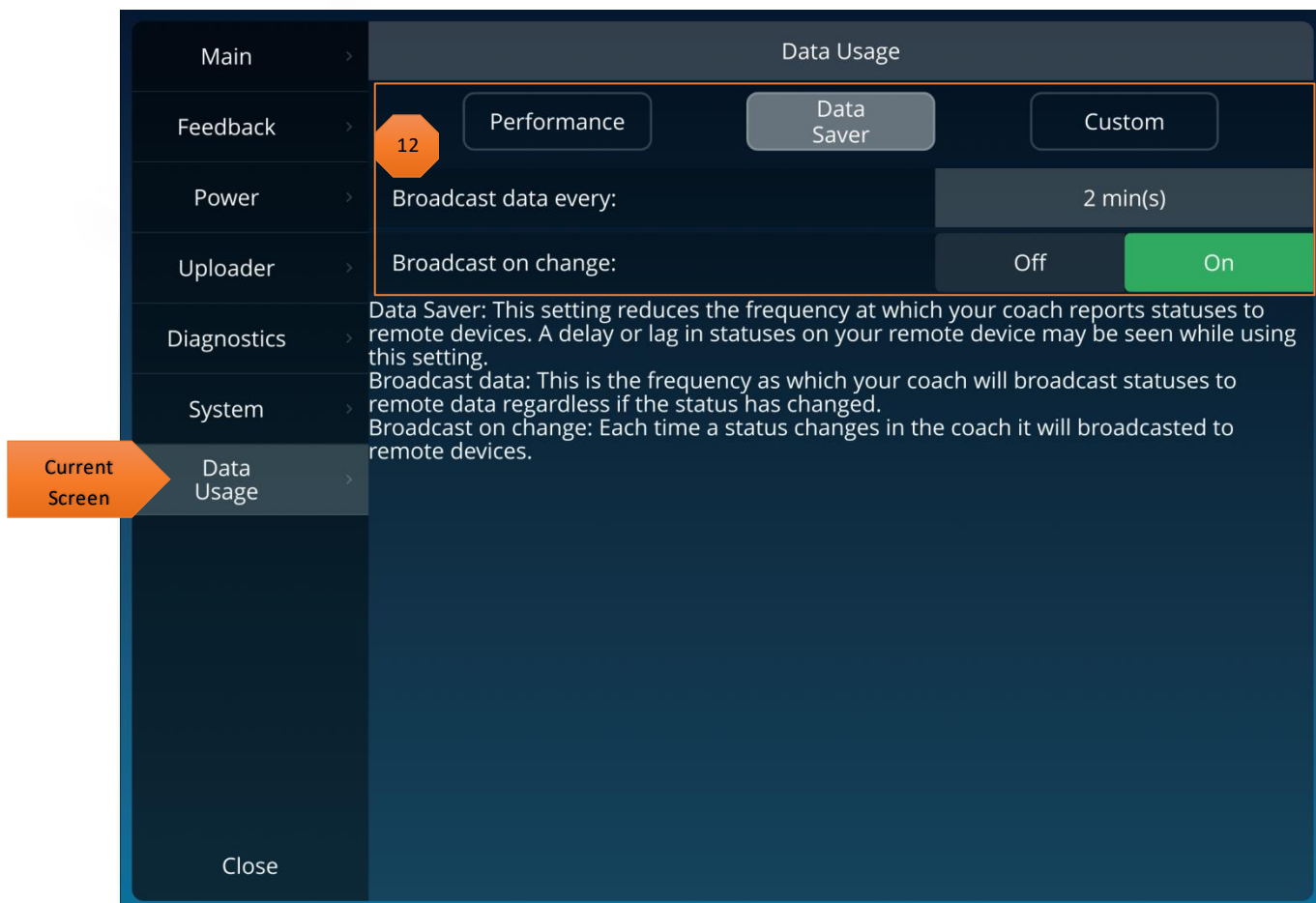
Current
Screen

System— Scroll through the menu and tap the check box to select any options that apply to your specific coach. Tap Save and Reset to exit to save your settings. Tap Close to exit.

Current Screen

12

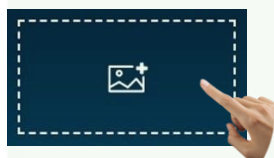
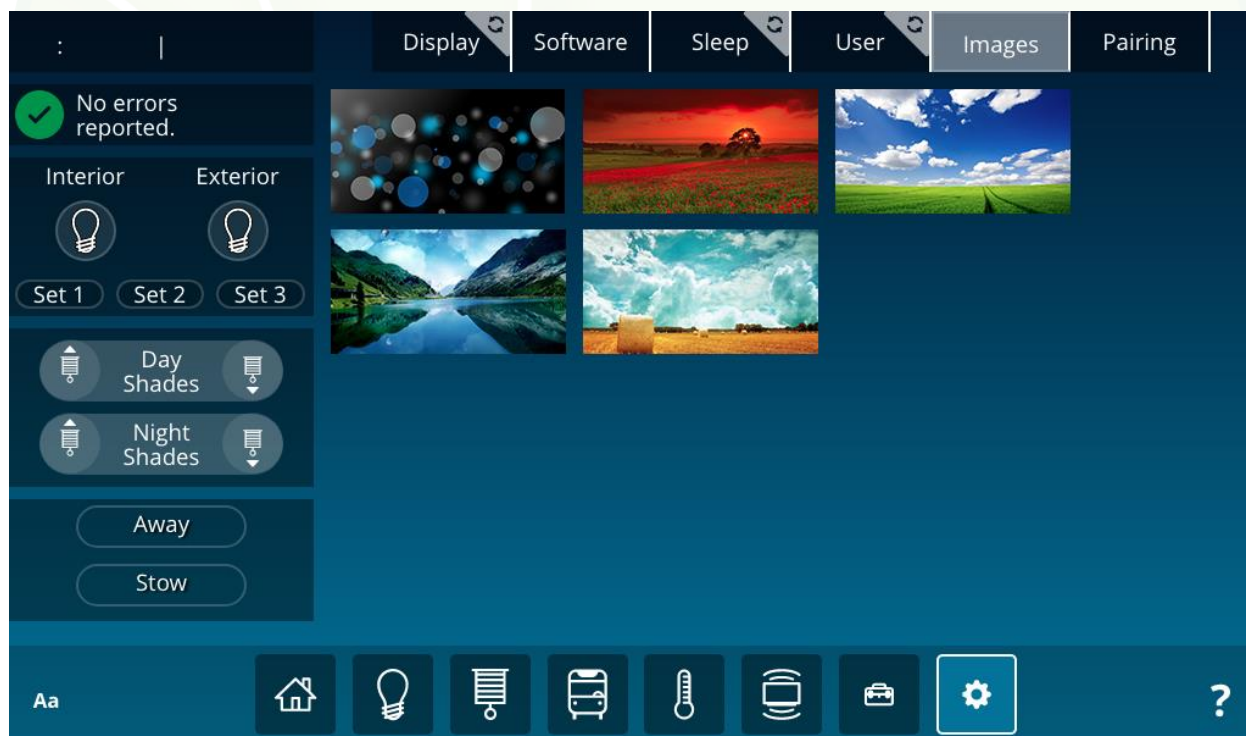
Tap the selector buttons to choose your desired level of data usage that will be used for communication between the Nebula screen and any remotely connected devices. Please note that cellular data charges may apply. To decrease data usage, Data Saver mode is recommended.





Settings/Images

Tap the icon below to add images from your smart device to the Vegatouch screen. These images will be used to make a slideshow (see Settings/Sleep screen to enable) after a set period of screen inactivity.



Tap the above image (from the Nebula app) to add images to Vegatouch.



Settings/Pairing

Download Vegatouch Nebula from the App Store or the Google Play store.

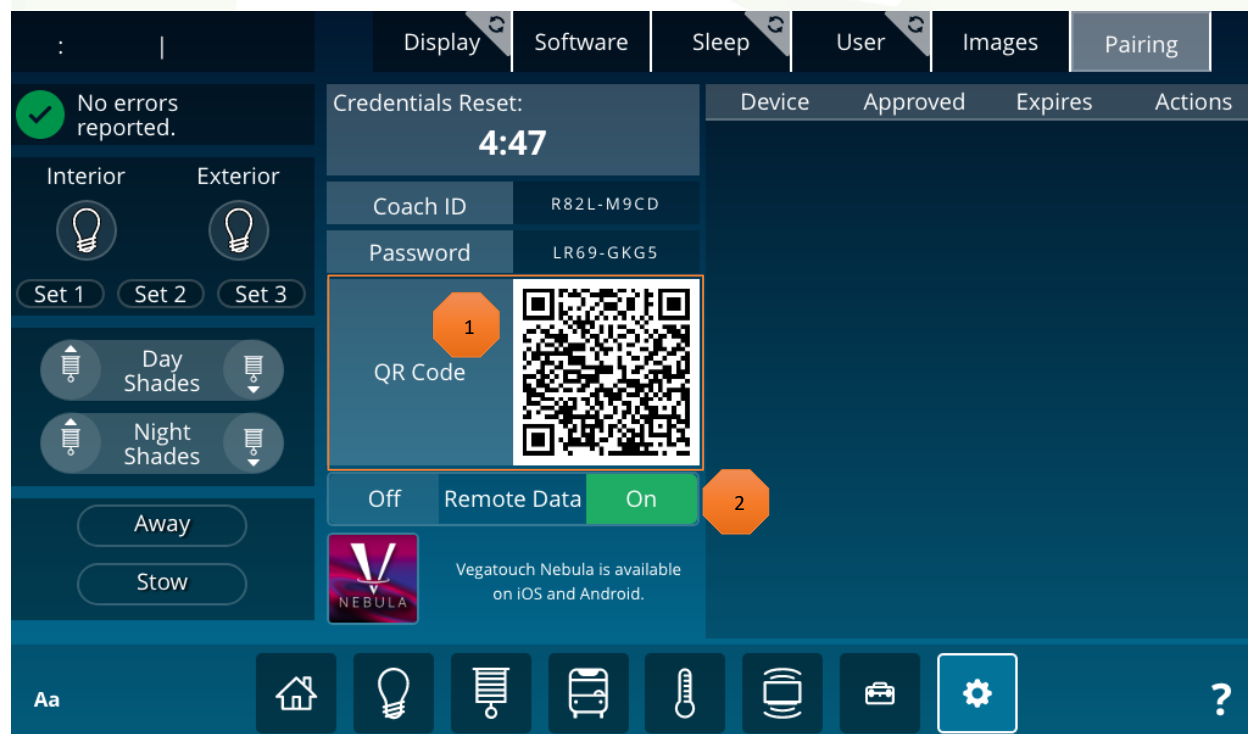
Before attempting to pair your device to the coach, you must connect your device to the coach's Wi-Fi (see page 46 for connection instructions if needed).

1

Once the program has been downloaded and you have connected to the coach, simply scan the QR code to pair your device to the coach. You also have the option to manually login using the Coach ID and Password below.

2

Remote Data – Tap On to control your coach via the internet while you are away. Note: your coach must be connected to the internet in order to allow remote connectivity.





5" Lynx Touchscreen (TruTank)

The bay of your coach features a 5" Lynx color touchscreen that is used to display fluid tank levels. It also allows for the control of the cargo light and water pump.

1 Tap the menu button, then choose Home or Settings to continue.

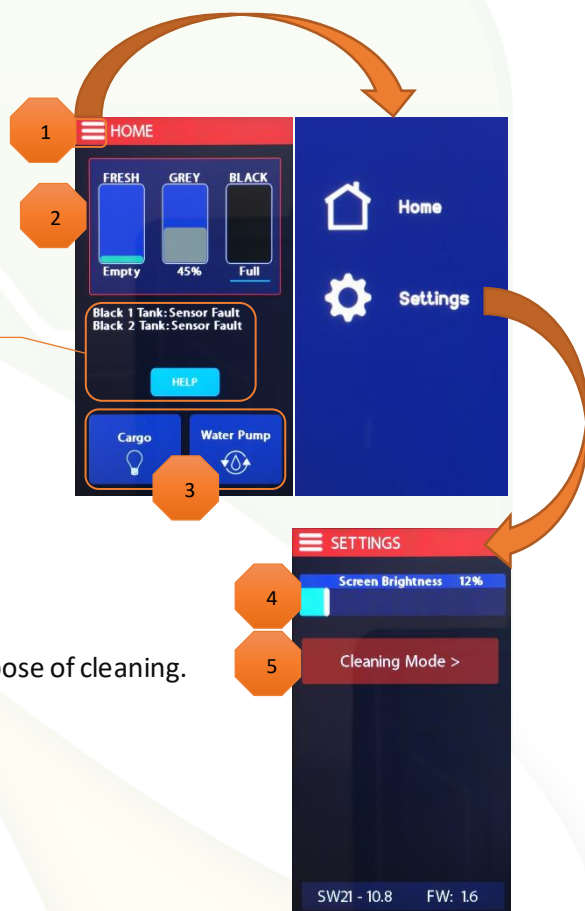
2 Fluid tanks display.

Faults and Help Messages.

3 Tap to toggle the Cargo light or Water Pump On/Off.

4 Drag the slider to adjust screen brightness.

5 Tap to disable screen functionality for 15 seconds for the purpose of cleaning.





Multiplex Operation

Operating the shades using the switch panels:

1. Lowering or raising individual shades: Press and release the “ARROW UP” button for the desired shade. The shade will run up until the top stop is reached. Press and release the “DOWN ARROW” button and the shade will run down until the bottom stop is reached.

2. Stopping shades at desired positions: Press and release the shade control “UP ARROW” and the shade will begin to run up. When the shade reaches the desired position, push and release the shade control “UP ARROW” again and the shade will stop. If the shade is in the up position, press and release the shade control “DOWN ARROW,” and the shade will begin to run down. When the shade reaches the desired position, press and release the shade control “DOWN ARROW” again and the shade will stop.

3. Master Shade Switches: Control more than one shade with the press of one button. The Master switches operate as described above.

4. Dash/Living Room/Bedroom Day/Night Master: Your coach may be equipped with area specific shade controls. The Master Shade switch will operate all shades in that particular area as described above.

5. Bathroom/Toilet Shades: Your coach may be equipped with day and/or night shade switches that have been programmed to lower those shades, but will not raise them. Bathroom/Toilet room shades may ONLY be raised from the Bathroom Toilet room shade switch located in those particular rooms.





SSP18 Switch Panels

This material provides details for the SSP18 switch series. The clear and brightly backlit labels and raised buttons with symbols make operation very intuitive. Built-in LED indications for each switch provided real-time status feedback for each switch group based on load function. The SSP18 series provides solutions for applications that require elegance and high-end features.

Note: The blue and white status lights found on each switch will indicate if a load or output is on. Normally, backlighting is white if the circuit is off and blue if the circuit is on. In the case of shades, shade master, light master or panel lights function, the status backlighting will not change. This is normal.

Panel Lights (Proximity Mode):

Panel Lights refers to the backlighting that illuminates the switch labels on each panel. Pressing the panel lights button (located on the Bedroom O/H Switch) and releasing it within one second will turn the panel lights off. Pressing the panel lights button again will turn all panel lights on. Pressing the panel lights button and holding it for more than 1 second will dim all panel lights to 30% backlighting.

When the panel lights button is on, the panel lights button will be illuminated blue and the panel lights in the entire coach will stay on. When the panel lights button is pressed off, the panel lights in the entire coach will turn off. Waving your hand within ¼" of any SSP18 switch panel will turn on the panel lights on that particular switch for 7 seconds. All SSP18 panels will stay in this proximity mode until the panel lights button is pressed on.



Removing the Bezel

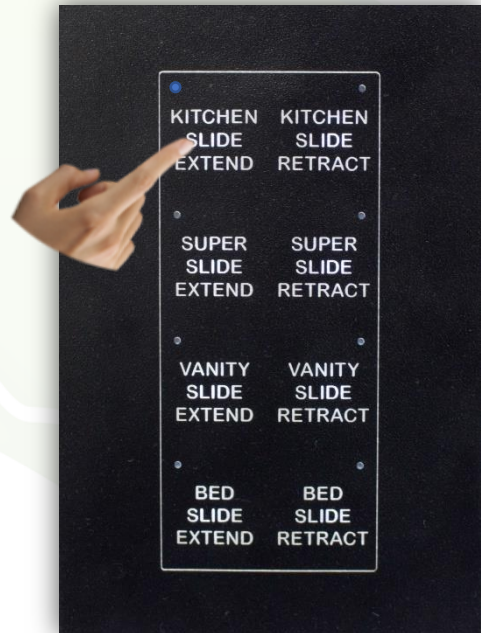
Note: The cover for each switch panel is removed through inserting a small screw driver or using a finger to gently pry off.



SSP17 Switch Panel (Slide Rooms)

Your coach uses an SSP17 switch panel to control the slide rooms. Simply press and hold the appropriate button to fully extend or retract the desired slide room. Remove your finger from the button once the room's travel has stopped.

Unlike the other switches in your coach, the color of the text backlighting will not change to show the status of the circuit being used. Each button has an individual LED status indicator light that will illuminate blue only while the button is being pressed.



No Removeable Bezel

Note: This switch does not have a removable bezel. If maintenance is required, simply use your fingers to gently pry at the corners to remove the switch from the wall mount.

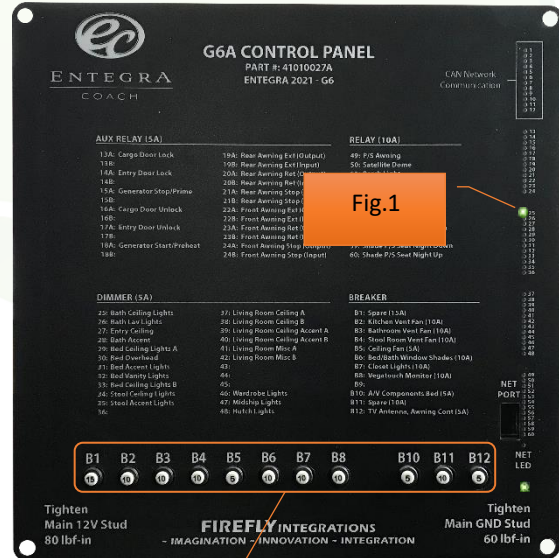


G6A DC Panel

Your G6A control is the main 12-volt power distribution center for the coach. This panel receives the signals sent from your switch panels/touchscreens/app and performs the actions that have been requested by activating and deactivating the required circuits.

Every circuit controlled by the G6A is numbered and listed on the front label (load list). A corresponding numbered LED will illuminate green whenever a particular circuit is on. For Instance, if you press the Bath Ceiling Lights button on your switch panel, the green LED beside circuit 25 will illuminate and the coach's Bath Ceiling Lights will turn on (Figure 1).

Resettable Breakers are also numbered and listed on the G6A label. Simply press the white tip to reset a breaker if one has tripped.



Breakers



G12 DC Panel

The G12 control panel is another type of power distribution center used in your coach. This panel receives the signals sent from your switch panels/touchscreens/app and performs the actions that have been requested by activating and deactivating the required circuits.

Every circuit controlled by the G12 is numbered and listed on a black label (load list) which is usually mounted next to the G12 panel.

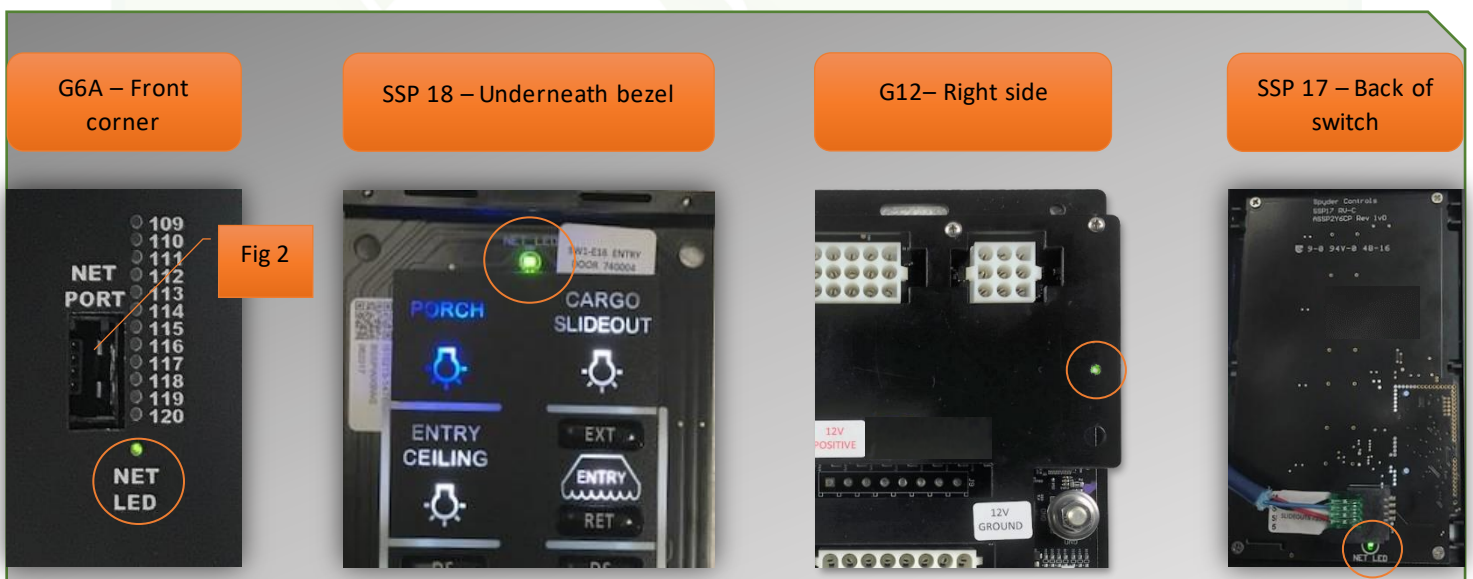














Networking

Your switch panels and DC panels are connected via your coach's RV-C network. Each panel will have a NET LED that is used to show network status. If a NET LED is displaying anything other than solid green and some of the panel's functions are not working, please contact Entegra for technical support.

Net LED Locations:



Panel Network Status Indicator – Applies to any device with a network indicator*

-  /  Fast flashing Green Light (4 times/sec) – Device is attempting to make initial connection.
-  /  Slow flashing Green Light (1 time/sec) – Device was online but has been offline for at least 5 sec.
-  Solid Green – Device is connected to network and is communicating properly.
-  Solid Red – Device has gone offline and is not connected to a network.
-  /  Alternating Red & Orange – Device has gone offline and is trying to re-connect (within 30 sec).
-  /  Alternating Green & Orange – Device is currently online but has gone offline 2 or more times.

*The Mira module uses a different Net LED Status Key (see next page).



Mira NET LED Status Key

The NET LED on your Mira module can change color in different situations. Use the following key to determine the operational status of your Eclipse module .

	Off	Device has no power or has completely failed
	Fast flashing green (4 times/sec)	Device is attempting to make initial connection to the CAN network and good files
	Solid green	Device is operating correctly and has seen a CAN message in the past 5 seconds and good files
	Slow flashing green (1 time/sec)	Device was active on the CAN bus but has not seen a valid message in 5 seconds and good files
	Alternating red and yellow	Device has not seen CAN messages in 30 seconds and good files
	Alternating yellow and green	Device is currently active on the CAN bus but has not seen a CAN message within a 30s interval 2 for more times since the last power cycle and good files
	Solid red	Device has not seen a CAN message in the past 60 seconds and good files
	Fast alternating green and blue (4 times/sec)	Device is attempting to make initial connection to the CAN network and corrupted files
	Solid blue	Device is operating correctly and has seen a CAN message in the past 5 seconds and corrupted files
	Slow alternating green and blue (1 time/sec)	Device was active on the CAN bus but has not seen a valid message in 5 seconds and corrupted files
	Alternating red and blue	Device has not seen CAN messages in 30 seconds and corrupted files
	Alternating yellow and blue	Device is currently active on the CAN bus but has not seen a CAN message within a 30s interval 2 or more times during a power cycle and corrupted files
	Solid purple	Device has not seen a CAN message in the past 60 seconds and corrupted files
	Flashing white	Device pin is being reset
	Solid yellow	Device pin has been reset
	Flashing blue	Device does not have a valid application
	Flashing red (2 seconds)	Factory test: Red LED
	Flashing green (2 seconds)	Factory test: Green LED
	Flashing blue (2 seconds)	Factory test: Blue LED



Connecting Vegatouch to WiFi

These instructions will discuss how to connect your Winegard Router and Nebula screen to an available WiFi source.

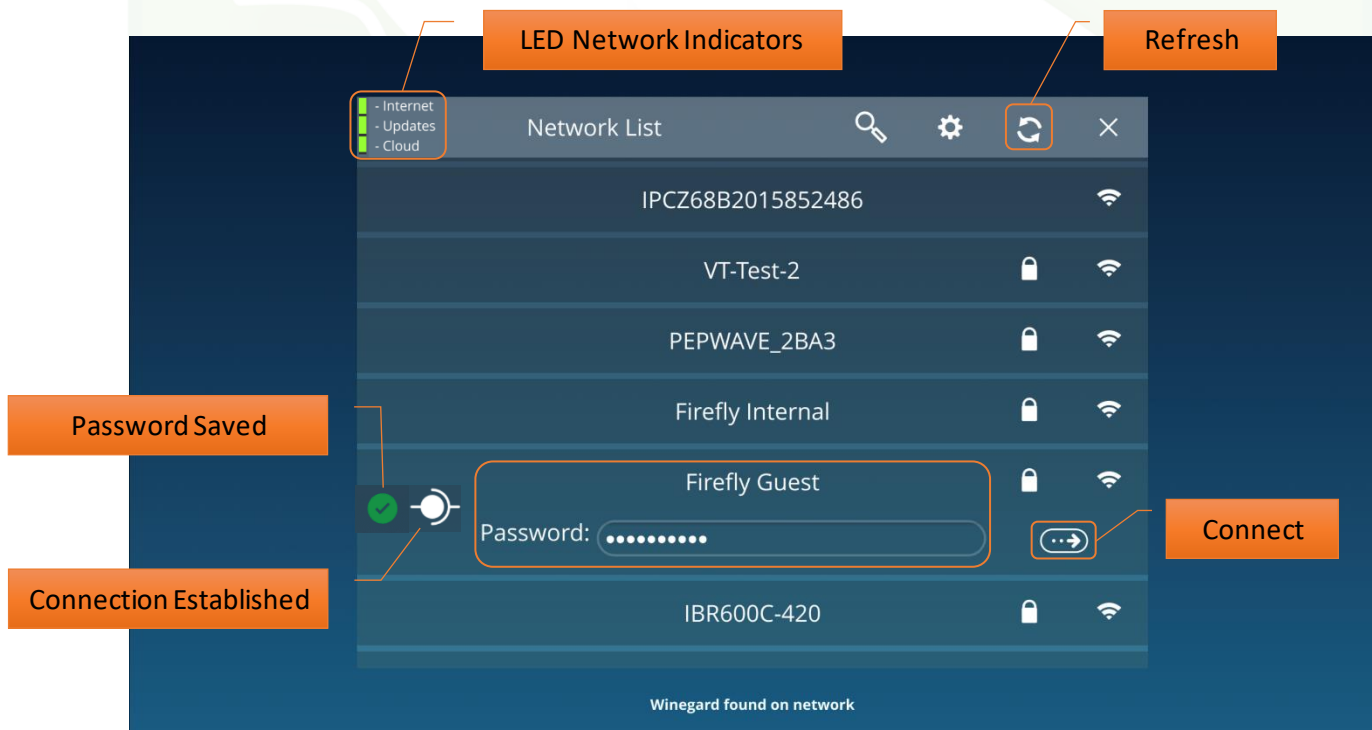
Step 1 – Navigate to the Network List (Settings/User/Networking).

Step 2 – Tap the Arrows to Refresh and scan for available WiFi Networks.

Step 3 – Select the network that you'd like to connect to and enter the required password (Example – Firefly Guest). Tap the Connect button to continue.

A green checkmark will indicate that the password has been saved, and a white ball and socket will indicate that the connection has been established.

The LED Network Indicators (Internet, Updates and Cloud) will change from Red to Green once a successful connection has been established.





Connecting Mobile Devices

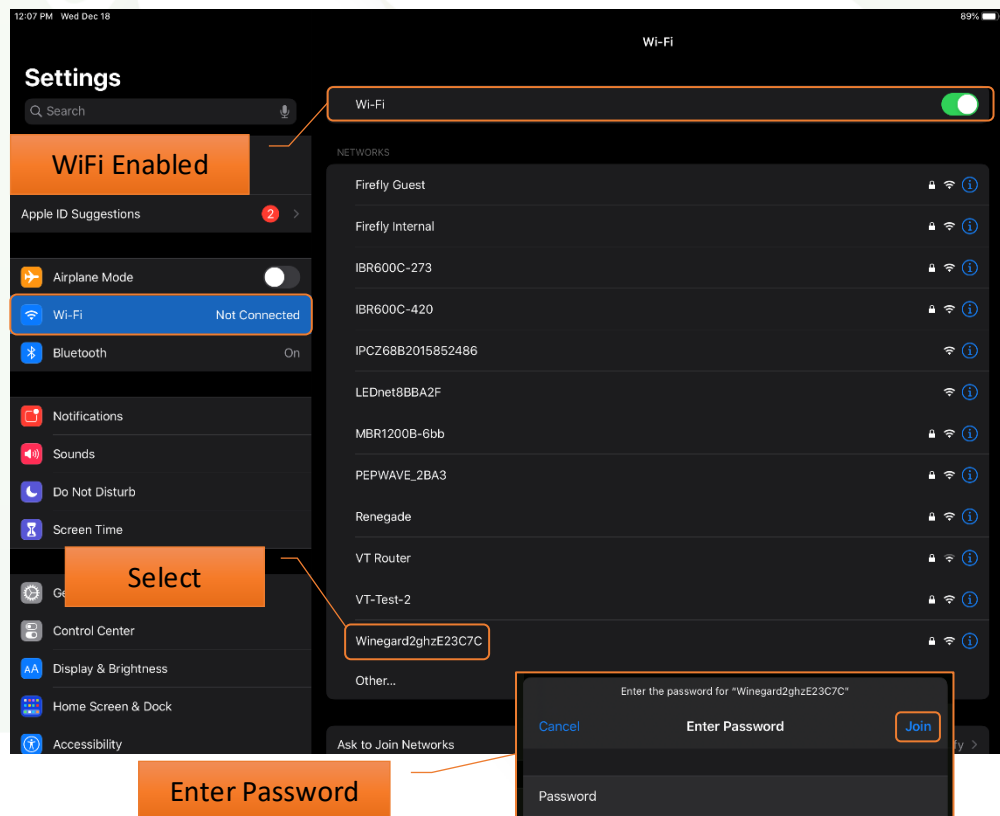
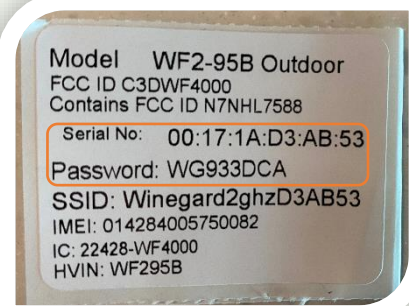
Once you've connected your Winegard Router to a WiFi source (such as a campground hotspot), you'll then want to connect your mobile devices to the Winegard Router. Once they've been connected, the router will provide internet access to all devices and there will be no need to connect each device to WiFi again if you move to a different campground. Simply follow the instructions from page 45 each time a new hotspot connection is required. Once the Winegard has connected to the new hotspot, your currently connected mobile devices will automatically be given internet access.

Step 1 – Locate the Login Information.

Your specific SSID and Password should be found on a sticker mounted in a cabinet near your electronics.

Step 2 – Connect to the Winegard Router

From the Settings page of your mobile device, Tap on WiFi and ensure that WiFi has been enabled. Next, select your specific SSID from the list of available networks. When prompted, enter the Password and tap Join. A checkmark will appear next to the SSID once the connection has been established.



Caution – Do not press the reset button on the back of the Winegard at any time. Pressing reset will result in the router needing a manual setup before it will operate correctly again.