



Thank you for purchasing the LevelMatePRO vehicle leveling system. This product was designed for ease of use and utilizes the best possible components to achieve accuracy you can count on. LevelMatePRO is proudly made in the USA.

ATTENTION As with all electronic devices, they are susceptible to damage by static electricity discharge. Before removing the cover of this product be sure to discharge the static electricity in your body by touching a piece of grounded metal.

FCC STATEMENT

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
 - (1) This device may not cause harmful interference.
 - (2) This device must accept any interference received, including interference that may cause undesired operation.
2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the LevelMatePRO unit.
- Increase the separation between the equipment and receiver.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

IC Statement

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme audio CNR d'Industrie Canada applicables audio appareils radio exempts de licence. L'exploitation est autorisée audio deux conditions suivantes :

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

The device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

Le dispositif rencontre l'exemption des limites courantes d'évaluation dans la section 2.5 de RSS 102 et la conformité à l'exposition de RSS-102 rf, utilisateurs peut obtenir l'information canadienne sur l'exposition et la conformité de rf.

COFETEL La operación de este equipo está sujeta a las siguientes dos condiciones:

- (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y
- (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

Trouble connecting? Setup or Operating issues?

Visit our Troubleshooting page at www.LogicBlueTech.com/troubleshooting

Getting Started

- 1 Remove the 4 screws on the top of the cover.**
- 2 Remove the top cover and set aside.**
- 3 Go to the appropriate app store and download the app.** Download the app on all of the devices you plan to use with the LevelMatePRO. The LevelMatePRO has a security feature that records the unique serial number to your smartphone or tablet so that when you are in close proximity to other vehicles with LevelMatePRO installed, your smartphone or tablet will only recognize your LevelMatePRO. So during this step you will need to start the app on each phone or tablet so that the serial number for your LevelMatePRO will be stored on your devices. Start the app on the first phone or tablet until the Orientation Select screen (figure 2) is displayed. Do **NOT** make an installation orientation selection at this point, but instead simply minimize the app by pressing the home button on your phone or tablet or delete the app from the task manager on your phone or tablet. Repeat this step for each smartphone or tablet you want to set up with your LevelMatePRO.
Note: To add another phone or tablet at a later time, simply remove and reinstall the battery and then follow the instructions above. Cycling the battery power causes the LevelMatePRO to enter the "learn" mode for 10 minutes and a new phone or tablet can be added during that time.
- 4 Remove the battery from the packaging and install it with the plus (+) sign up as in figure 1.**
- 5 Replace the top cover and reinstall the 4 screws.**
- 6 Install the LevelMatePRO** The LevelMatePRO must be installed on a wall or vertical surface on the interior of your vehicle. The top cover of the product must face the side, front or rear of the vehicle when installed. The arrows on the product label should point up toward the ceiling of the vehicle. Attempt to install the product as straight as possible both horizontally and vertically. There is no need to install the product perfectly level or perpendicular as the product is designed to compensate for imperfect installation orientation. Using the 2 provided screws, mount the product on the wall or any vertical surface. Insure that the arrows on the label are pointing up.
- 7 Level the vehicle** Level the vehicle using your normal leveling method. Take time during this process to insure that the vehicle is perfectly level as your LevelMatePRO will record this position and use it as a reference each time you level the vehicle.
NOTE: It is recommended that the LevelMatePRO device be installed as close to the front of the vehicle as possible for best connection strength.
- 8 Start the app on your smartphone or tablet.**
- 9 Select the installation orientation** The app will display the Orientation Select screen (figure 2). Tap on the selection that corresponds to the orientation of your installation.
NOTE: If you have already setup another phone or tablet and selected the installation orientation, the Orientation selection screen will not be displayed and you will proceed directly to step 11.
- 10 Select units of measure** Select the desired units of measure at the bottom of the Orientation Select screen (figure 2).
- 11 Select vehicle type** At the bottom of the Orientation Select screen (figure 2), select either the towable or driveable option that corresponds to your vehicle type. Tap the Save button at the bottom of this screen to save your selections.

- 12 Measure your vehicle and set level** The Settings screen should now be displayed (figure 3 or 4). Measure the length and width of your vehicle as indicated by the front and side view vehicle illustrations on this screen. Enter the length and width measurements in the appropriate locations on this screen. Tap the Save button at the bottom right of this screen to save the vehicle measurements. Next, tap the Set Level button at the bottom left of this screen. The Set Level button records the current data from the LevelMatePRO device and will be used as a reference each time the system calculates and displays leveling data.
NOTE: If you ever uninstall/reinstall your LevelMatePRO in another vehicle or in another location in the same vehicle, you will need to repeat this step after the unit has been reinstalled.
- 13 Confirm setup is complete** After completing the Set Level task above, tap the Back button at the top left of the Settings screen to go to the Leveling screen (figure 5 or 6). Once at the Leveling screen check to insure that there are no up or down arrows displayed and the height requirement dimensions are all displaying '0'. If you selected the 'towable' option, the round level indicators should be green. These items will be your indication that the LevelMatePRO has properly recorded the current level position. From this point on, each time you start the app to use the LevelMatePRO the Leveling screen will be displayed instead of the Orientation Select or Settings screen. Anytime you need to return to the Settings screen you can do so by tapping the gear icon at the top right of the Leveling screen.
- 14 Set the advertising time** Navigate to the Advertising and Display Settings screen in the app (figure 7) and tap the arrow icon in the upper right corner of the screen. This will take you to the Advertising and Display Settings screen (figure 7). Input the number of hours you would like the system to continue to advertise the Bluetooth signal after the LevelMatePRO no longer detects motion. If you are using the LevelMatePRO with a towable vehicle and would like to use the recall hitch position feature, you will need to set the number of hours for the length of your trip. If you are using the LevelMatePRO with a driveable vehicle, you can likely set the number to 1 hour if that is usually enough time to get your vehicle level at the parking location. This feature helps give you control of your battery life and the less hours you program the system to advertise the Bluetooth signal, the longer your battery life will be.
- 15 Select the display resolution** Using the Advertising and Display Settings screen (figure 7) select the display resolution you would like to use. The default display resolution is .25" but you can select one of the other resolutions if desired. The higher the resolution you select, the more stable the distance measurements will be but accuracy will be sacrificed. In general, if you use blocks or boards under your tires to level your vehicle you would set the display resolution to match the thinnest block or board you carry with you for leveling. In other words, if the thinnest block or board you have is .50" then select .50" for the display resolution.
NOTE: For towable vehicles, the display resolution for front-to-back leveling and the Recall Hitch Position function will remain at .25" no matter which resolution you select here.

figure 1

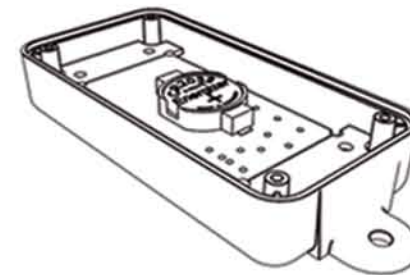


figure 2

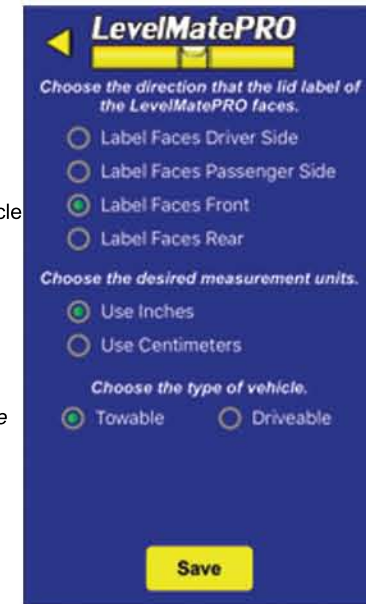


figure 4



figure 6

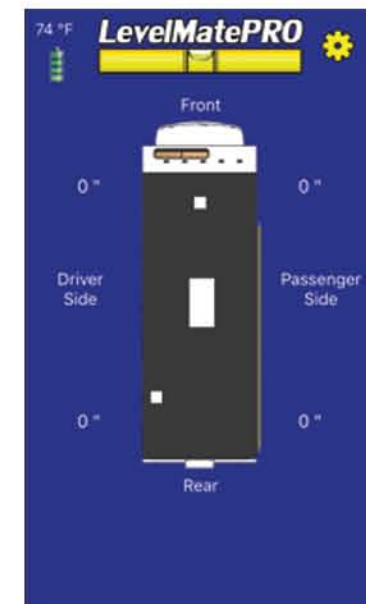


figure 3

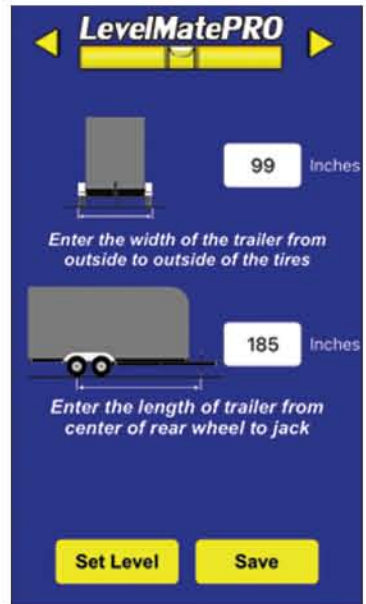


figure 5

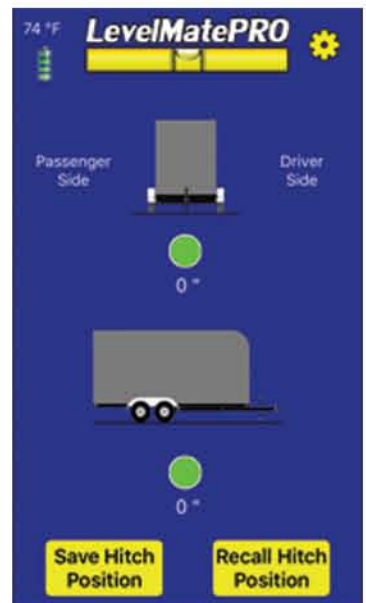
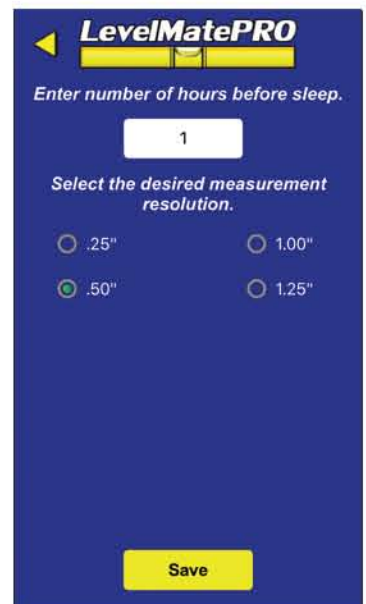


figure 7





Trouble connecting? Setup or Operating issues?

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Using LevelMatePRO

1 Position your vehicle

Move your vehicle to the position where you would like to begin leveling and setup.

2 Connect to LevelMatePRO

After you have completed the installation and configuration of your LevelMatePRO unit and app (on the reverse side of this page), you are ready to begin using the product to level your vehicle. To connect to your LevelMatePRO simply start the app within range of your LevelMatePRO unit (approximately 50'). This can be done from inside your vehicle and the Bluetooth connection shouldn't interfere with any other Bluetooth connections you may have active, including hands-free Bluetooth phone systems. If you do have other Bluetooth connections that interfere with the connection to your LevelMatePRO, consult the user manuals of your phone and/or those devices to see if there are device connection restrictions that are causing the connection issue.

NOTE: If you have configured your system for a driveable vehicle, skip to step 8.

3 The towable Leveling screen

Once the app connects with your unit it will display the Leveling screen (figure 1). The towable Leveling screen consists of 2 main sections related to leveling your vehicle. The top section shows a front view of a trailer and is used for leveling the vehicle from side-to-side. The bottom section shows a side view of a trailer and is used for leveling the vehicle from front-to-back. Each leveling section contains a measurement distance, a yellow arrow (when not in a level position) and a level indicator as noted in figure 1.

4 Level your towable vehicle from side-to-side

As noted above, when leveling your vehicle from side-to-side you will be using the top section of the Leveling screen. When the vehicle is not in a level position, there will be a yellow arrow pointing upward on one side of the trailer graphic front view. This indicates which side of the vehicle needs to be raised to achieve a level position from side-to-side. The displayed measurement indicates how much height will be required on the side where the arrow is displayed. Stack your leveling blocks to the height indicated by the displayed measurement and place the blocks in the front or rear of the tire(s) on the side indicated by the arrow. Then move your vehicle so that the tires are on top of the blocks and check the level indicator displayed over the measurement distance. If you have achieved a level position, the level indicator will be green and the displayed measurement distance will be '0' as in figure 2. If the level indicator is red and the displayed measurement distance is not '0', then note the measurement distance and move the vehicle tire(s) off the blocks and add or remove blocks equaling the measurement distance that was displayed when the tire(s) were on the blocks. Once again, move the vehicle tire(s) onto the blocks and check the level indicator and measurement distance to insure that the vehicle is now level from side-to-side.

5 Save your hitch position (towable vehicles only)

If the vehicle you are leveling is a trailer, you will need to disconnect it from your tow vehicle before leveling it from front-to-back. Release your hitch from the tow vehicle and extend the jack on the trailer until the hitch is just above the ball or hitch plate (in the case of a 5th wheel hitch). At the bottom left of the Leveling screen, tap on the Save Hitch Position button. This will record the current position of the trailer hitch. This saved position can be used to return the hitch to the current position when you are ready to reattach the trailer to the tow vehicle.

6 Level your towable vehicle from front-to-back

Once your vehicle is level from side-to-side you are ready to begin leveling from front-to-back. For this step you will be using the bottom section of the Leveling screen. Similar to the side-to-side leveling step, when the vehicle is not in a level position there will be a yellow arrow pointing up or down near the front of the trailer graphic side view as shown in figure 2. This indicates whether the front of the vehicle needs to be lowered (arrow pointing down) or raised (arrow pointing up) to achieve a level position from front-to-back. If the vehicle you are leveling is a trailer, simple raise or lower the tongue of the trailer as indicated by the up or down arrow in the bottom section of the Leveling screen. Level position for the front-to-back will be indicated in the same manner as the side-to-side leveling process. The level indicator will be green and the displayed measurement distance will be '0'.

7 Recall your hitch position (towable vehicles only)

If the vehicle you are leveling is a trailer, you can recall the hitch position you saved in step 5 to aid in returning your tongue to the position it was in when you removed it from the tow vehicle hitch. Tap on the Recall Hitch position button at the lower right of the Leveling screen. The Recall Hitch Position screen will be displayed (figure 3). The Recall Hitch Position screen shows a side view of the trailer, a yellow arrow pointing up or down, and position indicator similar to the level indicators on the Leveling screen. A measurement distance is also displayed which represents the amount of distance the tongue needs to be moved up or down (as indicated by the yellow arrow) to return to the previously saved hitch position. Moving the trailer tongue in the direction indicated by the yellow arrow will cause the displayed measurement distance to be reduced. The tongue will be at the saved hitch position when the displayed distance measurement is '0' and the position indicator is green. A Hitch Position Save Date is also displayed at the bottom of the Recall Hitch Position screen. This indicates when the currently saved hitch position was recorded.

8 The driveable Leveling screen

The driveable Leveling screen (figure 4) shows the top view of a driveable vehicle. Also displayed are indications for driver side, passenger side, front and back to give you an indication of the orientation of the display. At each corner of the driveable vehicle display are both a measurement distance and a yellow arrow (only displayed when not in a level position). The measurement distance displayed at each corner is the height required for the wheel that corresponds with that corner of the vehicle. To level the vehicle, simply stack your blocks in front of or behind each wheel to the height indicated for that wheel. Once the blocks are stacked, drive onto all of the stacks of blocks at the same time and the vehicle should reach a level position. Once the vehicle is on all of the blocks, the measurement distance displayed for each wheel should be '0'. If you still have one or more wheels displaying a non-zero distance, make note of the distance for each wheel. Drive off the blocks and adjust them up or down as needed and drive back onto the blocks.

NOTE: Since you can't move a wheel downward, height is added to another wheel by the system. This will not affect the leveling process or results, but it does result in one wheel always showing a '0' distance before the vehicle is leveled.

NOTE: Android users will use the system 'Back' button as there will be no on screen 'Back' button as there is on the iOS version of the app.

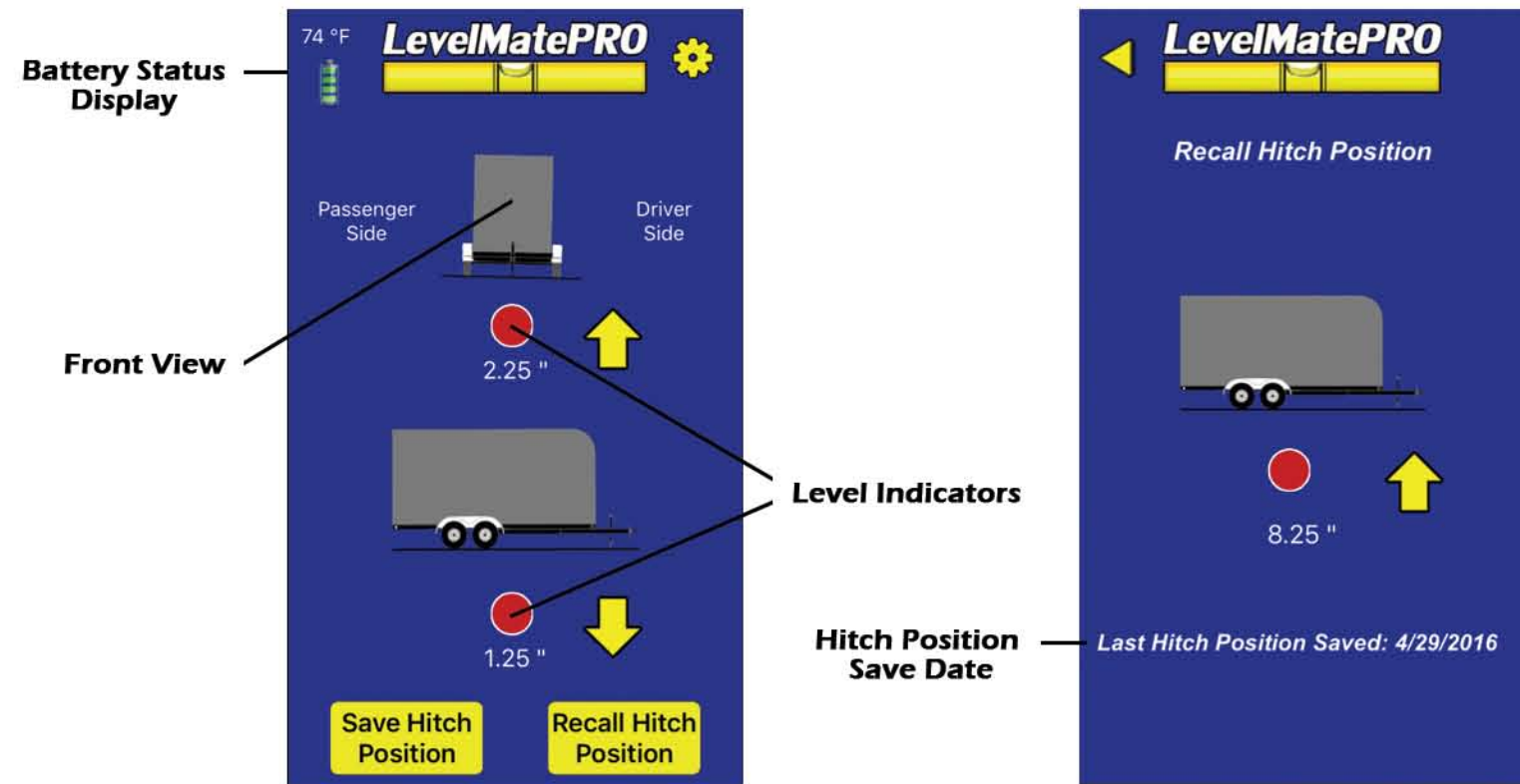
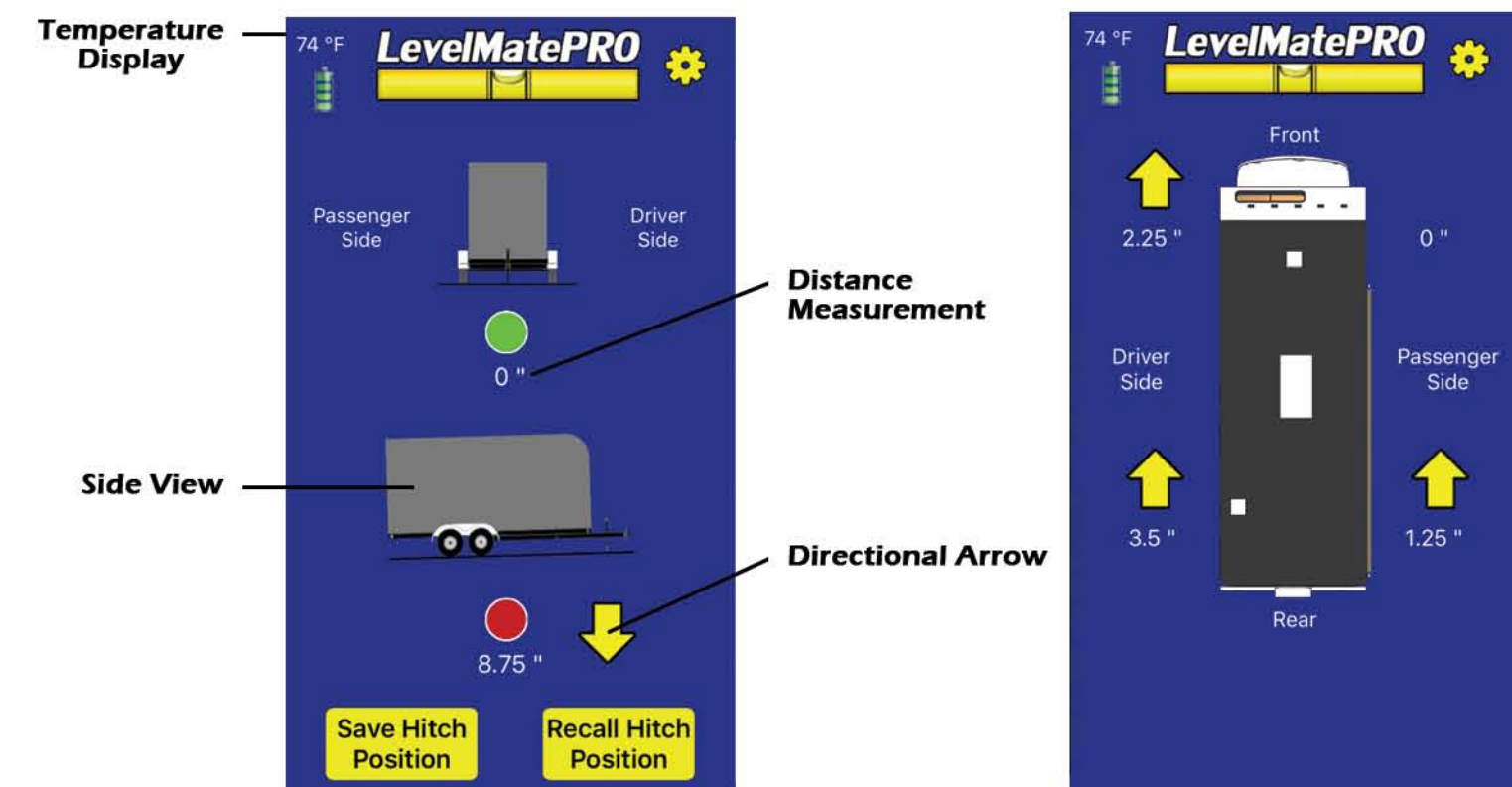


figure 1

figure 2

figure 3

figure 4



Temperature Display

Side View

Distance Measurement

Directional Arrow