



**L2301-AW**

**Wireless Level Gauge**

**Tips and Tricks**

## Contents

1	Installation.....	3
2	Charging the Wireless Level Gauge .....	3
3	Calibration .....	3
4	Setup shortcut on your phone.....	4
5	Forgot your password – How to reset .....	4
6	Easy levelling, using jockey wheel and 1 jack .....	4

## 1 Installation

The wireless level gauge is not waterproof and must be installed inside the caravan.

Install in a location with easy access to the “On” button on top and “Reset” button on the side.

Install the unit such that the charger port is exposed and would allow the charger cable to be plugged in. Select an installation location where the 1-meter charger cable can reach a 5V USB outlet.

The location inside the caravan does not affect the measurements since all locations have the same tilt angle at the same point in time.

The wireless level gauge needs to be installed such that it knows the orientation of the caravan. Ensure that the yellow arrow “Front” points to the front of the caravan and the yellow arrow “Up” points upwards. The front is where the jockey wheel and towing hitch is located.

## 2 Charging the Wireless Level Gauge

The battery’s level of charge can be observed on the GUI.



The wireless level gauge does not use any power when switched off. Since it would be used for short periods at a time the battery might remain fully charged for a long time.

Do not leave the unit plugged into the charger for long periods. Ensure to remove the charger cable when it is fully charged (100%).

## 3 Calibration

After installation it might be necessary to calibrate the unit to compensate for any small variances due to the installation.

Follow these steps bellow to calibrate:

- Use a spirit level and level your caravan perfectly
- Switch the unit on (press “ON” button twice) and connect to the wifi hotspot.
- This time do not use the normal GUI QR code, scan the **calibration QR code** bellow.



- The unit will start calibration, indicating some actions in the yellow message bar. Wait for it to complete. After calibration both gauges will be close to 0 degrees and the centre display indicates “LEVEL”.
- Switch the unit off by switching off your phones wifi.
- Restart the unit, connect and confirm that the gauges still indicate close to 0 degrees. The unit is now calibrated to compensate for any variances caused by the installation.

#### 4 Setup shortcut on your phone

Once connected successfully to the wifi hot spot, most phones will remember the hotspot and its password.

To get to the GUI on your browser it is not necessary to scan the QR code every time. Setup a shortcut on your phone to access the GUI, follow these steps (Chrome):

- Once the GUI shows in the browser, tap the three vertical dots in the top-right corner of the screen and Select "Add to Home screen" from the menu.
- A dialog box will appear, allowing you to name the shortcut. Enter the desired name e.g. “Level-Up”.
- Move the shortcut to a screen or folder where you desire.

#### 5 Forgot your password – How to reset

If you can't log into the wifi hotspot because you don't have the password anymore, reset the unit as follows:

- Switch it on (Press “On” button twice) and wait for the blue LED to start flashing.
- Now **press the reset button** on the side. The unit will reset and restart automatically and will be on default settings, starting the “levelup” wifi hotspot.
- Log on to this wifi hotspot using the default password of **12345678**. Follow the initial setup procedure.

Resetting the unit will not affect the calibration.

#### 6 Easy levelling, using jockey wheel and 1 jack

Level-Up wireless level gauge brings a new and easy method for levelling your caravan since precision tilt values are shown in degrees. Here we will show you how to level your caravan in 3 steps, using only the jockey wheel and one rear jack. Follow these steps.

1. **Lower the front** using the jockey wheel such that the bottom gauge shows **the same** degrees reading as the top gauge. **Example:**
  - a. The top gauges show **0.8 degrees**, either left or right, irrespective
  - b. Lower the jockey wheel until the lower gauge shows “raise the front” by **0.8 degrees**
2. **Lower the rear jack** closest to the ground until a steady ground contact. **Example:**
  - a. if the top gauge shows **raise right** do this with the right jack, or
  - b. if the top gauge shows **raise left** do this with the left jack.
3. **Raise the front** using the jockey wheel. Both gauges will move towards 0 degrees and reach it at the same time, continue until level is achieved.

When the caravan is level, lower the other 3 jacks until steady contact with the ground.

**NOTE: Never raise the left or right side without using a level block. If any wheel is lifted from the ground using only the jacks, the caravan chassis and body might be under stress which could result in permanent damage. Please refer to the caravan manufacturer for more information.**