

# User Manual

RGLL01

## levelLink

Wireless vehicle leveling device

### Product Diagram



### Descriptions

- ① Mounting Holes
- ② Status LED
- ③ Multi-Purpose Push Button
- ④ Cover Screws

### Product Overview

#### Always-On Technology

The levelLink does not make use of a power button/switch. Instead, the device is always on and ready to connect. If the device has not been used for 24 hours it enters a low-power state, but maintains the ability to connect on-request.

#### Power Specifications

- Batteries: x2 1.5V AAA Li-ion/Alkaline
- Input: 3V  $\approx$  100mA
- Battery Life: Approximately 1 year

### Wireless Specifications

- Radio Frequency: 2.4GHz
- TX Power: +8dBm
- Range: ~50m

### Environmental Conditions

- Operating Temperature: -25°C - 75°C
- Operating Humidity: 20% - 95%

### Button and LED Behaviour

#### Multi-Purpose Button

##### - Pairing Mode

To enter pairing mode, press and hold the button until the status LED begins flashing blue, then release. The device will remain in pairing mode for 30 seconds.



##### - Factory Reset

To factory reset your device, press and hold the button until the status LED flashes red (about 15 seconds).



#### Status LED

##### - Red, Green, Blue Sequence



Device software is booting up.

##### - Solid Blue



Button is being pressed, but has not been held long enough to enter pairing mode.

##### - Flashing Blue



If the button is released, the device will enter pairing mode.

##### - Solid Red



Button is being pressed, but has not been held long enough to initiate a factory reset.

##### - Flashing Red



A factory reset has been initiated.

### Maintenance



#### Replacing the Batteries

- First remove the ④ cover screws using a phillips head screwdriver  $\oplus$
- Remove the housing cover and replace the batteries
- Re-apply the housing cover and tighten the cover screws

### FCC Compliance

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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**NOTE:** The manufacturer is not responsible for any interference caused by unauthorized modifications or changes to this device. Such modifications or changes could void the user's authority to operate the equipment.

**NOTE:** This device 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 device 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 device does cause harmful interference to other equipment, which can be determined by turning the device 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 device.
- Increase the separation between the device and equipment.
- Consult the manufacturer or an experienced technician for help.

### Warranty

90 Day Warranty. For additional information and support visit: <https://www.rugio.com/support>



# Installation Guide



Scan for the video version of this installation guide

## Step 1 - Remove the Battery Tab

Pull the battery insulation tab outwards to remove it, enabling the device to power on.



## Step 2 - Find a Suitable Installation Location

- The device **MUST** be installed on a vertical surface such as a wall, **NOT** a horizontal surface such as a countertop or table.
- The device may be oriented either direction, but must **NOT** be mounted crooked.



- The device **MUST** be oriented side-to-side or front-to-back in the RV.



- For optimal connectivity from inside the towing vehicle, mount the device towards the front of the RV, and keep it a minimum of 12" from the ceiling.

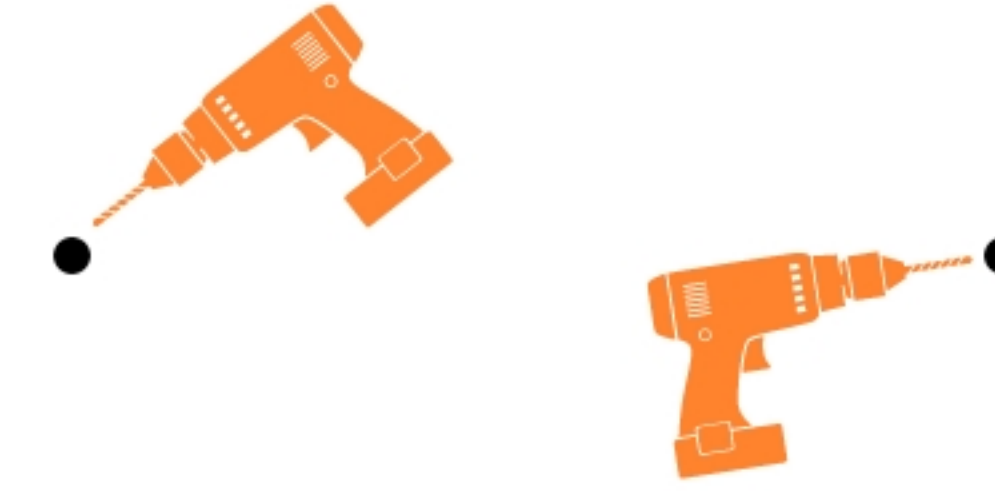
## Step 3 - Mark and Drill Pilot Holes



**Note:** The back of the box promised you "x1 - Screw Hole Marking Template". However, we later realized this wasn't needed since you can easily mark the holes with the device itself.



Mark the holes using the device as a template



Drill the pilot holes using a 3/32" drill bit

## Step 4 - Install the Device with Provided Screws



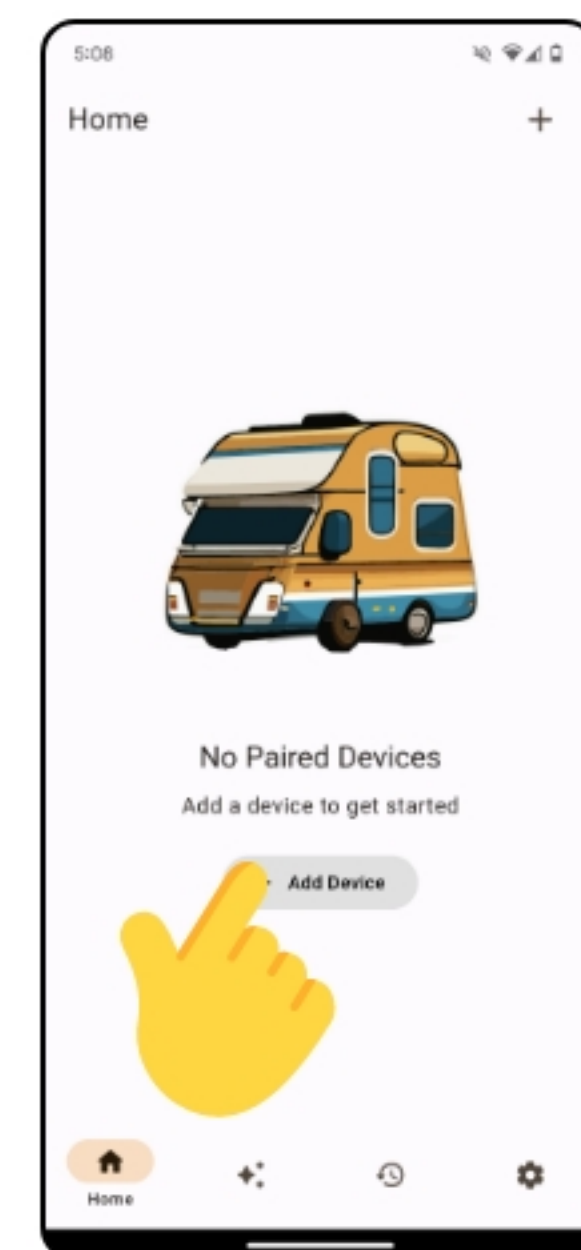
## Step 5 - Download the ROAM - Smart RV App



Scan to Install App

Or visit: [getro.am/download](https://getro.am/download)

## Step 6 - Pair the Device



Tap the "Add Device" or "+" button in the App



Press and hold the button until the LED begins flashing blue



Select the device and follow the prompts to complete pairing

## Step 7 - Enjoy this Joke

**How does an RV handle a disagreement with a slope?**  
It takes the high ground and levels with it!

## Disclaimer

### Accuracy and Reliability:

The levelLink is designed to provide a general indication of the pitch and roll of your vehicle or RV. While we strive for accuracy, variations may occur due to factors such as sensor calibration, mounting position, and environmental conditions. Users are advised to use this tool as a supplementary aid and not solely rely on it for critical leveling decisions.

### User Responsibility:

Users are responsible for ensuring the overall safety and stability of their RV. The levelLink is a tool to assist in the leveling process, but it does not replace manual checks or the use of other leveling methods. Always follow manufacturer guidelines and recommended leveling practices in conjunction with the levelLink.

### Regular Maintenance:

Regularly inspect the levelLink for any signs of damage or malfunction. Do not use the device if it appears damaged or if there are any irregularities in its operation. Regular maintenance of the levelLink is crucial to ensure its continued accuracy and reliability.

### Environmental Considerations:

The levelLink's performance may be affected by environmental conditions such as extreme temperatures, humidity, or electromagnetic interference. Users should be aware of these factors and take them into consideration when using the device.

### Liability Limitation:

The manufacturer and distributors of the levelLink shall not be liable for any direct, indirect, incidental, or consequential damages arising from the use or inability to use this product. Users assume all risks and liabilities associated with the use of the levelLink.

### Regulatory Compliance:

Users are responsible for complying with all relevant laws and regulations regarding the use of electronic devices in their vehicles and RVs. Ensure that the levelLink is used in accordance with local, state, and federal regulations.

By using the levelLink, you acknowledge that you have read, understood, and agreed to the terms of this disclaimer. The manufacturer reserves the right to make changes to the product and its documentation without prior notice.

Safe travels and enjoy your RVing experience!