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› [Mopeka PRO+ Long Range Ultrasonic Wireless Propane Tank Monitor User Manual](#)

Mopeka M1015002A

Mopeka PRO+ Long Range Ultrasonic Wireless Propane Tank Monitor

Model: M1015002A | Brand: Mopeka

INTRODUCTION

The Mopeka PRO+ Long Range Ultrasonic Wireless Propane Tank Monitor provides accurate, real-time propane level readings for residential and commercial tanks up to 2000 gallons. Utilizing advanced ultrasonic technology, this device wirelessly transmits tank level data via Bluetooth to your mobile device, offering convenience and peace of mind. This manual outlines the steps for setup, operation, maintenance, and troubleshooting to ensure optimal performance of your Mopeka PRO+ sensor.

SETUP

1. Prepare the Tank Surface

Ensure the bottom of your propane tank is clean and free of dirt, rust, or debris. A smooth, clean surface is crucial for accurate sensor readings. For tanks with a welding seam on the bottom, a Mopeka Seam Adapter (sold separately) may be required to ensure a secure and precise fit, and the most accurate reading.

Mopeka® Pro Plus Sensor-Residential

The Mopeka PRO + Sensor combines industry leading sonar/ultrasonic technology for superior performance, with long range Bluetooth communication of your tank levels directly to your mobile device via the Mopeka Co-Pilot App



PRO+ LONG RANGE

Image: Mopeka PRO+ sensor attached to the underside of a propane tank.

2. Attach the Sensor

The Mopeka PRO+ sensor features integrated magnets for easy attachment. Place the sensor firmly onto the center of the underside of your tank. For non-magnetic tanks (e.g., aluminum), an optional adhesive mounting collar is available separately.



Image: Mopeka PRO+ sensor and the Mopeka Co-Pilot app interface on a smartphone.

3. Download and Pair with the Mopeka Co-Pilot App

Download the free Mopeka Co-Pilot app from the Apple App Store or Google Play Store. Once installed, open the app and follow the on-screen instructions to pair your sensor via Bluetooth.



Image: Propane tank with sensor, illustrating the availability of the Mopeka Co-Pilot app on both Apple App Store and Google Play.

OPERATING THE MONITOR

Real-time Level Monitoring

Once paired, the Mopeka Co-Pilot app will display the current propane level as a percentage. The sensor provides highly accurate readings, down to 0.01 of an inch, for various commodities and LPG tank sizes up to 2000 gallons.

Extended Range and Connectivity

The PRO+ sensor offers an RF signal range of up to 1000 feet. For extended range or remote monitoring, the sensor can be paired with a Mopeka Wi-Fi Bridge (sold separately). The Wi-Fi Bridge allows you to access tank data from anywhere via the Mopeka Co-Pilot app, by uploading sensor data to the cloud.



Image: Diagram illustrating the key features of the Mopeka PRO+ sensor, including its long-range capabilities and cloud integration.

Customizable Alarms

The Mopeka Co-Pilot app allows you to set customizable alarms. These alarms can notify you when your tank level drops below a certain percentage, ensuring you never unexpectedly run out of propane.



Image: The Mopeka PRO+ sensor positioned to monitor a large residential propane tank, highlighting the benefit of always knowing your propane level.

MAINTENANCE

- **Battery Replacement:** The Mopeka PRO+ sensor uses replaceable AAA batteries, offering a battery life of up to five years. When the app indicates low battery, replace the batteries promptly to ensure continuous monitoring.
- **Sensor Cleaning:** Periodically inspect the sensor and the tank surface where it is attached. Clean any accumulated dirt or debris to maintain optimal contact and accurate readings.
- **Environmental Considerations:** The sensor is designed to withstand harsh outdoor elements. However, extreme temperatures or heavy snow/ice accumulation around the sensor area may temporarily affect signal strength or readings. Ensure the sensor area is clear for best performance.

TROUBLESHOOTING

Issue	Possible Cause	Solution
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Issue	Possible Cause	Solution
Inaccurate Readings	Improper sensor placement; tank seam interference; dirty tank surface.	Ensure sensor is centered and flush. Use a Mopeka Seam Adapter if a seam is present. Clean the tank bottom thoroughly.
No Bluetooth Connection	Out of range; Bluetooth disabled on device; sensor battery low.	Move closer to the tank. Enable Bluetooth. Check and replace sensor batteries.
App Not Updating	App not running in background; Wi-Fi Bridge connectivity issues (if applicable).	Ensure app is open or allowed to run in background. Check Wi-Fi Bridge connection and power.
Sensor Not Detected	Sensor not powered on; battery dead; sensor malfunction.	Verify sensor is powered. Replace batteries. If issue persists, contact Mopeka support.

SPECIFICATIONS

Feature	Detail
Brand	Mopeka
Model	M1015002A
Sensor Type	Ultrasonic
Tank Capacity	Up to 2000 gallons
Communication	Bluetooth (Long Range), Wi-Fi (with optional Bridge)
Range	Up to 1000 feet (RF signal)
Battery Type	2 AAA batteries (included)
Battery Life	Up to 5 years
Mounting	Magnetic attachment (optional adhesive collar for non-magnetic tanks)
Operating Temperature	-50°F to 140°F (-45°C to 60°C)

	RESIDENTIAL
SENSOR	Pro Plus
COMMODITY	Propane, Butane and mixtures
MOUNTING LOCATION	Tank Bottom
UL, UCL, ATEX CERTIFICATIONS	Class 1, Division 1, Group D Class 1, Zone 1, Group IIA
TANK TYPE	Steel & Aluminum
TANK ORIENTATION	Horizontal & Vertical
TANK SIZE	<2000 gallons & Diameters 48" and below
OPERATING TEMPERATURE RANGE	-50° TO 60°C -55° TO 140°F
DEFAULT COMMUNICATIONS	Long-range Bluetooth
BATTERY LIFE*	4-6 years, replaceable
BATTERY TYPE	Energizer Lithium AAA
WARRANTY	3yrs

PRESSURIZED TANK SENSORS






PRODUCT SPECS


Image: Visual representation of Mopeka PRO+ product specifications.



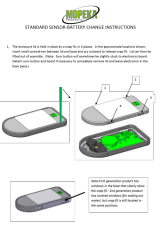


WARRANTY & SUPPORT

The Mopeka PRO+ Long Range sensor comes with a 3-year warranty from the manufacturer, Mopeka Products, LLC. For detailed warranty information, technical support, or to purchase accessories like the Seam Adapter or Wi-Fi Bridge, please visit the official Mopeka website or refer to the comprehensive Installation Manual.

You can access the official Installation Manual (PDF)[here](#).

Related Documents - M1015002A

	<p>Mopeka Pro Sensor M1017 Propane Tank Level Monitor User Manual</p> <p>Comprehensive guide for Mopeka Pro Sensor M1017, detailing installation, operation, and battery replacement for propane tank level monitoring. Learn how to sync sensors with the Mopeka app and display units for accurate readings.</p>
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	<p>Mopeka Pro Check M1017 Propane Sensor Manual</p> <p>Comprehensive guide for the Mopeka Pro Check M1017 propane sensor, covering installation, app usage, and battery replacement for accurate liquid propane level monitoring.</p>
	<p>Mopeka Pro Check M1017 Propane Tank Sensor: User Manual and Installation Guide</p> <p>Detailed instructions for installing and using the Mopeka Pro Check M1017 propane tank sensor. Covers specifications, app integration, tank compatibility, and battery replacement for RVs and caravans.</p>
	<p>Mopeka Standard Sensor Battery Change Instructions</p> <p>Step-by-step guide for changing the battery in a Mopeka Standard Sensor, detailing enclosure opening, battery replacement, and reassembly. Includes notes on product generation differences.</p>
	<p>CAMPKO Refillable Gas Bottles Operating Instructions</p> <p>Comprehensive operating instructions for CAMPKO refillable gas bottles, covering introduction, utilization, refuelling, and installation. Includes safety pictograms, technical specifications, and maintenance information.</p>
	<p>Victron Energy Ekrano GX Manual: Installation, Configuration, and Operation Guide</p> <p>Comprehensive manual for the Victron Energy Ekrano GX, detailing installation, connectivity, configuration, troubleshooting, and integration with other Victron and third-party devices for energy monitoring and control.</p>