

# SEELEVEL II™

## RV Holding Tank Monitor

### Model 709-RVC



## 709-RVC Features

- Garnet SEELEVEL II™ Model 709-RVC is designed for accurate level measurement of motorhomes and trailers with **three** holding tanks.
- The level, in percentage of full, is shown on an easy to read 3-digit LED display monitoring battery voltage, fresh, grey, and black water levels.
- This model also monitors LPG tank using existing sensor, interfaces with RV-C protocol and has a programmable alarm.

## Advantages

### Precision accuracy

The SEELEVEL II™ RV tank monitor provides percentage of full, accurate tank measurement readouts. These readouts are accurate within  $\frac{3}{8}$  of an inch.

### Simple to install

Two wires connect to your existing system wires and function on a common bus system. Accessible tanks are easy to retrofit.

### Reliable external sensors

Our trouble-free senders adhere externally to the holding tanks eliminating sewage build-up on the sensors.

### Customize to fit most tanks \*

The senders are designed to be easily shortened or two can be combined to accommodate almost any holding tank shape or size.

### Service and Warranty

Our professional and knowledgeable technicians are on-call to assist you with any problems you may encounter. Products offer a one-year limited warranty.

*\* Will work on most plastic or poly holding tanks that contain any water-soluble products. Will not work on metal tanks.*

## Specifications

<b>Resolution</b>	JS sender: $\frac{1}{4}$ " (6 mm) ES sender: $\frac{3}{8}$ " (10 mm) SS sender: $\frac{1}{2}$ " (13 mm)
<b>Accuracy:</b>	+/- 8% or better, limited by resolution and tank height and shape.
<b>Temperature range:</b>	+32 °F to +140 °F (0 °C to +60 °C)
<b>Sender material:</b>	0.008" thick glass epoxy circuit board with conformal coating for circuit protection. Laminated on the back with 3M 300LSE Bonding Adhesive.
<b>Sender length range:</b>	JS sender: 4" to 6", which will measure tank heights from 4½" to 7". ES sender: 4 ½" to 12", which will measure tank heights from 5" to 13" (single sender) and up to 25" (dual senders). SS sender: 6" to 16", which will measure tank heights from 7" to 17" (single sender) and up to 34" (dual senders).
<b>Display mounting panel:</b>	Black panel, approximately 4" wide by 2.8" high by 1" thick (102mm wide X 71mm high X 25mm thick). Panel screws to wall.
<b>System power requirements:</b>	Display requires 12 volts from the RV battery, the system will function from 11 volts to 16 volts. Current drain is less than 200mA.
<b>Wiring:</b>	A single two wire conductor required from the display to the senders. All the senders are wired in parallel. 12 V power and ground required for display. A separate two wire conductor required from the display to the LPG sender.
<b>LPG:</b>	Display will work with an LPG sender with a maximum resistance of 50 ohms to 500 ohms. Display shows increasing level as resistance increases. System must be calibrated with the LPG tank full.
<b>Pump switch:</b>	n/a
<b>Common Alarm Output:</b>	Maximum voltage: 16 volts DC Maximum current: 100 mA DC Polarity: The output makes a connection to ground when the alarm is on.

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**CANADA**  
Garnet Instruments  
286 Kaska Road  
Sherwood Park, AB T8A 4G7

**USA**  
Garnet US Inc.  
5360 Old Granbury Road  
Granbury, TX 76049

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1-800-617-7384