

SEELEVEL II™

RV Holding Tank Monitor

Model 709-P3W



709-P3W Features

- Garnet SEELEVEL II™ Model 709-P3W 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 and has a 3-way pump switch.

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

Resolution	JS sender: $\frac{1}{4}$ " (6 mm) ES sender: $\frac{3}{8}$ " (10 mm) SS sender: $\frac{1}{2}$ " (13 mm)
Accuracy:	+/- 8% or better, limited by resolution and tank height and shape.
Temperature range:	+32 °F to +140 °F (0 °C to + 60 °C)
Sender material:	0.008" thick glass epoxy circuit board with conformal coating for circuit protection. Laminated on the back with 3M 300LSE Bonding Adhesive.
Sender length range:	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).
Display mounting panel:	Black panel, approximately 4" wide by 2.8" high by 1" thick (102mm wide X 71mm high X 25mm thick). Panel screws to wall.
System power requirements:	Display requires 12 volts from the RV battery, the system will function from 11 volts to 16 volts. Current drain is less than 200mA.
Wiring:	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.
LPG:	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.
Pump switch:	The pump switch is rated for a maximum of 10 amps. The use of a relay is required if more than 10 amps is needed. A 10 amp (max) fuse must be installed in series with the 12V power circuit to the switch!

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