

Remote Tank Alert

An electronic gauge that lets you monitor water tank levels at any time.

One of the most important accessories for your JoJo water tank is a device to monitor your water levels. The unit contains a wireless monitor and an electronic gauge, which accurately and reliably measures the water level in your tank. The information is then transmitted to a receiver. The gauge's measurement resolution has been cut to only 1cm, while the communication distance to the receiver is approximately 200m.

APPLICATIONS

- Fuel tanks - Oil, kerosene, AdBlue
- Commercial or domestic water tanks
- Interior, exterior & underground tanks
- Double skinned/bunded tank

BENEFITS

- Monitor tank levels from the comfort of your own home
- Easy to install
- Reliable
- Accurate
- Wireless
- Convenient
- Measurement resolution of 1cm
- Communication distance to receiver typically greater than 200m (150ft USA variant)
- Mains powered receivers with display available with EU, UK, USA, AUS/NZ plug formats
- RMS Compatible for longer distances (PTSN & GSM Modems)
- CE Conformance and ROHS Compliant
- Long lasting battery
- Minimum 1 year warranty



Remote Tank Alert

SPECIFICATIONS

Characteristics	Transmitter	Display Receiver (With Mains Plug)
Dimensions	70mm (W) x 40mm (L) x 138mm (H) ± 1mm	EU: 50mm (W) x 70mm (D) x 199mm (H) ± 3mm UK: 50mm (W) x 55mm (D) x 199mm (H) ± 3mm USA: 50mm (W) x 51mm (D) x 135mm (H) ± 3mm AUS/ZN: 50mm (W) x 59mm (D) x 199mm (H) ± 3mm
Weight	78g	EU: 70g UK: 70g US: 60g AUS: 71g
Housing material	UV Stabilized Polypropylene	ABS
Operating temperature	-10°C to 60°C (Note 1)	-10°C to 60°C
Storage temperature	-20°C to 60°C (Note 1)	-20°C to 60°C
Altitude range	<2km above sea level	<2km above sea level
Environmental protection	IP67 - Outdoors	IP44 Indoors only
Radio frequency	EU/UK/NZ/AUS: 433.92 MHz FM USA: 914.5 MHz Fm	N/A
Radio output power	EU/UK/NZ/AUS: 5dBm +/- 2dBm USA: 0dBm +/- 2dBm	N/A

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Characteristics	Transmitter	Display Receiver (With Mains Plug)
Receiver sensitivity	N/A	-100dBm to -110dBm @ 0.001 BER
Ultrasonic range	>12cm to <3M (Note 2)	N/A
Ultrasonic signal diversion	30° (Note 3)	N/A
Material compatibility	(Note 4)	N/A
Power requirements	VARTA CR2430 3V Li-Manganese dioxide / Organic Electrolyte (fitted)	N/A
Battery life	> 5 Years	EU/UK/NZ/AUS: 230V AC 50-60Hz, 20mA/USA: 115V AC 60Hz, 30mA
Humidity range	15% - 95%	15% - 95%
LCD Display	N/A	10 digit bar graph with icons
Ultrasonic resolution	±1cm	N/A
Accuracy	Typically ±2cm from 12cm to 3m	N/A

Note 1 Storage and operation above 20°C may reduce battery life.

Note 2 Based on a measurement to a flat liquid target of size 30cm².

Note 3 The maximum spatial diversion of the ultrasonic signal will be < 30° from the central axis of the transducer.

Note 4 Suitable for use in tanks for the storage of water diesel fuel, kerosene, AdBlue, gas oil types A2, C1, C2 and D as defined by BS2869

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Accessories

Adaptor	1.5" BSP external thread adapter, 70mm (W) x 49mm (D) x 27mm (H) - Included with European versions 2" NPSM external thread adapter, 79mm (W) x 70mm (D) x 16mm (H) - Optional
Gasket (included)	Material EPDM, 70mm (W) x 40mm (D) x 4mm (H) ± 1mm Distance between hole centres 50mm ± 1mm
Screws (included)	No. 8 x 19mm Panhead Pozi-drive Stainless Steel