

AQUATEL WIRELESS FLUID LEVEL SOLUTIONS

Wireless Level Controller **MODEL M107**



A COMPLETE WIRELESS CONTROL SYSTEM FOR MAINTAINING THE FLUID LEVEL IN YOUR TANK

wireless • no need for control wires or trenching • automatically turns on a pump to maintain the liquid level • ultrasonic • sound wave bounces off water to determine liquid level • easy to set up and change settings at any time • works on tanks of any construction up to 4m deep • simple DIY installation that can be completed in minutes

www.aquatel.co.nz

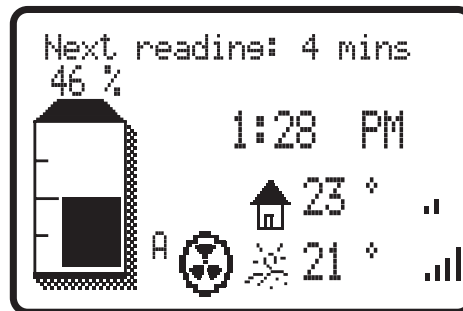
How it works

The Tank Unit is mounted on the top surface of the tank and uses ultrasonic signals to detect the fluid level inside. This is then wirelessly transmitted through the Control Unit and onto the Display Unit. The Display Unit displays the fluid level and system status on the LCD screen. The Display Unit is also used for setting the system settings such as level thresholds. This is sent back to the Control Unit to switch the pump or valve on and off depending on the tank level.

Features

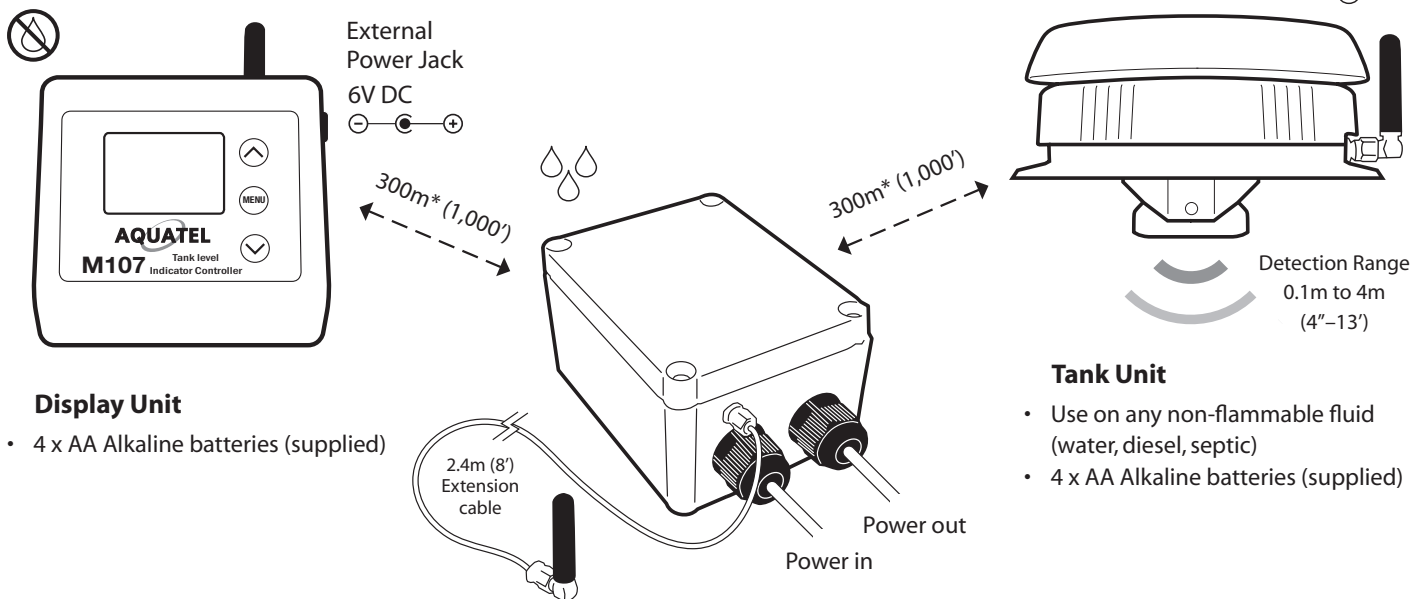
- comes with 1m power leads with plug and socket for quick and easy installation
- can be used to switch a pump, a solenoid, or any other device
- unit can be setup to fill tank (from a bore), or drain the tank (for septic or transfer applications)
- has low battery warnings, displays temperature of units and even a rapid water loss alarm
- Long range antenna available (up to 1,000m range)

Display Unit Status Screen



- ← Time to next level reading (Status messages)
- ← Current time
- ← Display Unit icon, temperature, signal strength to Control Unit
- ← Tank Unit icon, temperature, signal strength to Control Unit

A : Auto Mode M : Manual Mode P : Pump On



Display Unit

- 4 x AA Alkaline batteries (supplied)

Tank Unit

- Use on any non-flammable fluid (water, diesel, septic)
- 4 x AA Alkaline batteries (supplied)

Control Unit

- Maximum switchable load 15A
- Available in 12V DC, 24 VAC, 115 VAC and 230 VAC versions

- Temperature range : -10 to +60°C (14 to 140°F)
- Individually Security coded sets
- Approval : AS/NZS 4268:2003 1:2005 CE
- Housing : ABS Plastic

* Range shown is line of sight. Objects between units will reduce range. Long range antenna available (up to 1,000m range)