



THORNE AND DERRICK UK – LEAK DETECTION  
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# Aqualeak WG2 Leak Detection System Operating Instructions

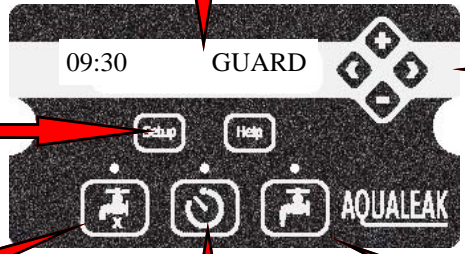


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Normal Display displays time and current Guard.  
Press > to check voltage and meter reading.

Set Up: To enter Menus, and to edit settings indicated as X (see next page)

Navigation buttons:  
< > between menus; through dates and time settings.  
(+) (-) up and down menus and to change values of X



**Water Off:** Turns the water supply off (relevant for systems with solenoid valves)

**Override:** Allows an unlimited volume of water through in a pre set period (the 'Timeout' setting under the Settings Menu). The volume is factory set at 45 pulses (450 litres)

**Water On:** Activates normal guard after an alarm; and switches water on if switched off. Use to toggle between High and Low Guard in Modes Daily, 7 Day & Weekend.

If KeyLock is active (i.e.: set at YES) the unlocking code is <-+<. Disable in the Settings Menu



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Normal Display

HH:MM GUARD X

Press **Set Up** to enter menu list, (+) to go down and (-) to go back

GUARD MENU

Press + ↓

MODE X

Press + ↓

Hi Guard X

Press + ↓

Lo Guard X

Press + ↓

Sun High 1 HH:MM

Press + ↓

Sun Low 1 HH:MM

Press (<) to go to

SETTINGS MENU

Press + ↓

KeyLock X

Press + ↓

Date xx/xx/xx

Press + ↓

Time xx:xx

Press + ↓

Timeout xx (mins)

Press + ↓

BuzzerEN X

Press (<) to go to

LOG MENU

Press + ↓

Last Valve Closed, Water Off (Time)

Press + ↓

Last time out (override) key pressed (Time)

Continue pressing + to toggle through days and guards until Sat Low 2

- Use (<) (>) chevrons to toggle between Guard, Settings and Log menus.
- Use (+) and (-) to navigate through individual menus
- Press Set Up to edit the screens i.e.,: to edit parameters indicated as X, Press Set Up and use < > to move between day/month/year and hour/minute.
- Use (+) and (-) to change X
- Once you are satisfied with the settings, press Set Up to exit editing mode.
- Continue navigating through the menu using (+), or (-) to return to where you came.





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## WG MENU OPTIONS

### GUARD MENU

This menu allows you to adjust guard modes, levels and times in order to optimise leak detection

**Mode** - Permanent (factory default)

- Daily
- 7 Day
- Weekend

Permanent: Uses the Hi Guard setting only, allowing the High Guard volume through in 24 hours

Daily: Program up to 4 guard periods (2 Hi, 2 Low) per day. Every day is the same as Sun settings

7 Day: Allows you to set each day individually with up to 4 guard periods.

Weekend: Have different guard settings for Sat and Sun than from Weekdays. The Weekend will have Sunday's settings; weekdays will have Mon settings.

**Hi Guard X** \_\_\_\_\_

The number set as High and Low Guard is the number of PULSES allowed through in a High or Low Guard Period before the unit alarms. Maximum is 32,000  
 One pulse is pre set at **10** litres of water.

**Lo Guard X** \_\_\_\_\_

I.E.: if you want to allow 1000 litres of water in a High Guard period, set Hi Guard at 100.  
*Set Up, +, Set Up to set.*

**Sun High 1**—xx:xx \_\_\_\_\_

These are the times at which these Guards will start.

**Sun Low 1**—xx:xx \_\_\_\_\_

**Sun High 2**—xx:xx \_\_\_\_\_

**Sun Low 2**

.....through to

**Sat Low 2**

E.G.: Setting Guard at Daily, and changing guard volumes and times:

*Press Set Up to enter menu mode*

GUARD MENU: Press +

MODE Permanent *Press Set Up to edit, press + until Daily. Press Set Up to set.*

*Press + to move up the menu*

HI GUARD 1 *Press Set Up, press + to change the number of pulses. Press Set Up to set*

*Press + to move up the menu*

LO GUARD 3 *Press Set Up, Press + to change the number of Pulses. Press Set Up to set*

*Press + to move up the menu*

SUN HIGH 1 hh:mm *Press Set Up to edit, use + to change and > to move editing cursor.*

*Press Set Up to set*

SUN LOW 1 hh:mm *Press Set Up to edit, use + to change and > to move editing cursor.*

*Press Set Up to set.*

The guard menu will display each guard option for each day from Sun Hi 1 to Sat Low 2.


*Continue setting Sun High 2 and Sun Low 2. In Daily mode every day is the same as the Sunday settings*




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## WG MENU OPTIONS

### SETTINGS MENU

- 
- KeyLock** Yes/No \_\_\_\_\_ Change to No if you do not want keys to lock (Set Up, +, Set Up)
  - Date** dd/mm/yy \_\_\_\_\_ Press Set Up to edit, use (+) and (-) to change dates and > to move across date. Press Set Up to set.
  - Time** hh:mm \_\_\_\_\_ Press Set Up to edit, use (+) and (-) to change time and > to move across. Press Set Up to set
  - Timeout** mm \_\_\_\_\_ The time the Override will function.  
(Set Up, (+) or (-) until required number, Set Up to set)
  - BuzzerEn** Yes/No \_\_\_\_\_ Switches the buzzer off (No) and on (Yes).  
(Set Up, (+), Set Up)

### LOG MENU

- 
- Last Valve Closed (Water Off) Key Press** hh:mm \_\_\_\_\_ Shows the time the last time the Water Off key was pressed
  - Last Time Out (Override) Key Press** \_\_\_\_\_ Shows the time the last time the Override button was pressed