

# Permalog +

## and Patroller II Noise Logging Systems



Halma Water Management



### Introduction

The new Permalog + system build on the proven reputation of Palmer's Permalog and Aqualog noise logging systems. The unit is highly versatile designed for both 'drive-by' and fixed network 'PermaNet' applications.

The drive by version features a new PDA based blue-tooth Patroller, full programming and download via radio and integral Aqualog noise logging mode. The result is a logger that gives improved surveying speed, fast radio download of new data, including full noise logging Aqualog graphics where further investigation is required.



The PDA based Patroller II



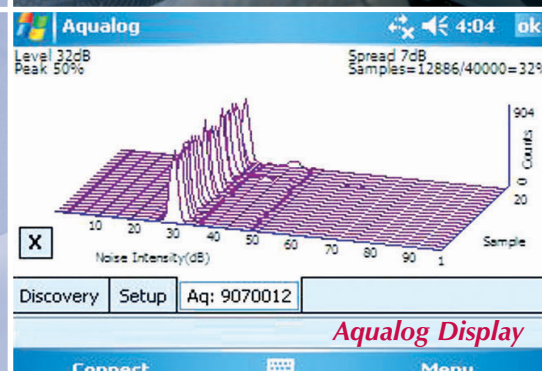
### Features

**Permalog+** multi function leak noise logger

- Drive-by with 'Aqualog' mode
- Faster drive by
- Full programming + download via radio
- Remote logger sleep option to conserve battery life
- Download of historical and Aqualog data
- "Lift and shift" function for rapid redeployments
- Stores 28 nights level and spread data

**Patroller 2**

- PDA based download with Blue Tooth link
- Remote programming and download from the Patroller
- Multiple logger programming



**Permanet** fixed network  
(see overleaf for description)

- Radio or SMS repeater options
- Easy deployment
- 'Leaks' automatically delivered to desk top
- Immediate response
- Leak sizing with daily flow and leakage data



For more information call +44 (0) 1633 489479  
or visit [www.hwm-water.com](http://www.hwm-water.com)

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## PRODUCT SPECIFICATION

Specification	Permalog +	Patroller II
Dimensions (with aerial)	Market Dependant : Varying Sizes for Aerial Used	Market Dependant : Varying Sizes for Aerial Used
Dimensions (without aerial) Angle fittings available	Height to Top of TNC: 123mm, width: 50mm	Height to Top: 200mm width: 136mm, depth 48mm
Weight	700 grams	Interface Unit 650 grams
Type of Battery	Lithium/replaceable	Rechargeable Lithium ion
Battery Life	Typically 5 years + depending on mode of operation	8 hours (car charger supplied)
Charging Time	-	4 hours
IP Rating	IP68	IP54
Type of Screen	-	PDA Based LCD
Size of Screen	-	Depends on PDA
Backlit Screen	-	Yes
Type of Keypad	-	PDA Touch Pad
Carrying Handles	Optional Hook Accesory	Yes, Nylon Carry Strap
Parameters	User Programmable	Printing: Direct to PC
Warranty	3 years subject to logger configuration	
Logger Data Storage	28 Days	

*Full specifications provided on request to Halma Water Management*

*HWM reserve the right to change the specification of any product without prior notice.*



As part of a fixed network the logger can be combined with **PermaNet** network radio, or SMS repeater, to send leak data daily - delivered to the desk top via dedicated web hosted or local software packages. This gives a powerful system for immediate leakage notification and localisation, leak sizing when combined with daily flow data, for the cost effective management of areas with high levels of leakage, or access/security issues.

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