



Integrated measuring systems for  
the whole water cycle



DRINKING WATER



SURFACE WATER



GROUND WATER



WASTE WATER

*Digital leak noise correlator*

# MicroCall +



**HYDREKA**  
[www.hydreka.fr](http://www.hydreka.fr)

## Application

The new MicroCorr MicroCALL+ combines the power, graphics and ease of use of a PC based leak noise Correlator with the portability and durability of a ruggedized handheld control unit.

The unit features a high visibility color display with advanced software including automatic 3-outstation functionality for improved pinpointing results and reduced dry holes.

New radio outstations are available to give more compact packaging and portability.

The system builds on the proven reputation of MicroCorr Correlators and includes advanced features.

For a digital Correlator that delivers maximum performance and ease of use and designed for daily deployment, the tough MicroCall+ is a clear choice.



## Key benefits

- Fully digital : sensors, outstation and control unit
- Easy to use
- Robust housing
- Compact packaging and portability thanks to a rigid carrying case
- High visibility color screen
- Latest version of leak noise correlator
- Updated software via internet
- Multi-filtering and auto correlation across the filter range
- Removable batteries
- All functions remotely controlled and monitored from central unit with LED status lights
- Military connectors
- Several languages available

## Technical Specifications

Control Unit	
Process	Full digital correlation
Filter selection	Multi-filtering Pipe-data related default settings
Resolution	+/- 0.1m
Display	Full Color VGA
Size of screen	6.5"
Antennae	External antenna/magmount
Mixed material	Up to 6 pipe sections
Correlation files	Up to 100 files stored
Bat. Level indication	On central unit for CPU and outstations
Battery type	Rechargeable Lithium ion batteries, field replaceable
Battery life	8 hours
Type of keypad	Elastomeric Membrane
Key functions	Full post-processing Combined correlation/survey mode Listen (acoustic survey) Frequency analysis Peak suppression Multi-filtering Auto velocity measurement with tricorrelation option User definable pipe types & velocities
Language	Selectable via menu
Printer Output	RS232 to parallel printer
PC download	Via PC software, Windows compatible software with post processing capability
Dimensions	Height to Top: 261mm, Width: 185mm, Depth: 88mm
Weight	1.8kg
Operating temp.	-15°C to +50°C
Environmental	IP65
Enclosure	Fully injection-moulded ABS
Connectors	Military specification Amphenol
Diagnostics	Self-test and auto-calibration on power-on
Outstation (optional 2 or 3 radio outstations systems)	
Radios comms	Fully digital transceiver
Radio freq.	UHF (local regulations apply) Digital Radio
Controls	ON/OFF ( all functions remotely controlled) and monitored from Control Unit) with LED status light
Connections	Headphones, external antenna
Battery type	Rechargeable Lithium ion batteries, field replaceable
Battery life	8 hours
Antenna	External antenna
Portability	Integral sensor stowage
Dimensions	L 183mm W 135mm D 50mm
Weight	875.6 grams
Housing	Fully injection-moulded ABS
Connectors	Military specification Amphenol
Sensor	
Type	Digital sensor with integral high strength magnet
Environment	IP 68, rubber shroud for shock protection
Connection	3m cable with strain relief Military connector
Digital hydrophones	Available as option

Products available to rent or buy. Please contact us for more information.

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