

XMic Operation guide



- **What is a Ground Mic?**
- **Equipment Layout**
- **Charging**
- **Button Operation**
- **Filter Screens**
- **MLP Mode**
- **Questions**



WHAT IS A GROUND MIC ?



What is a Ground Mic?



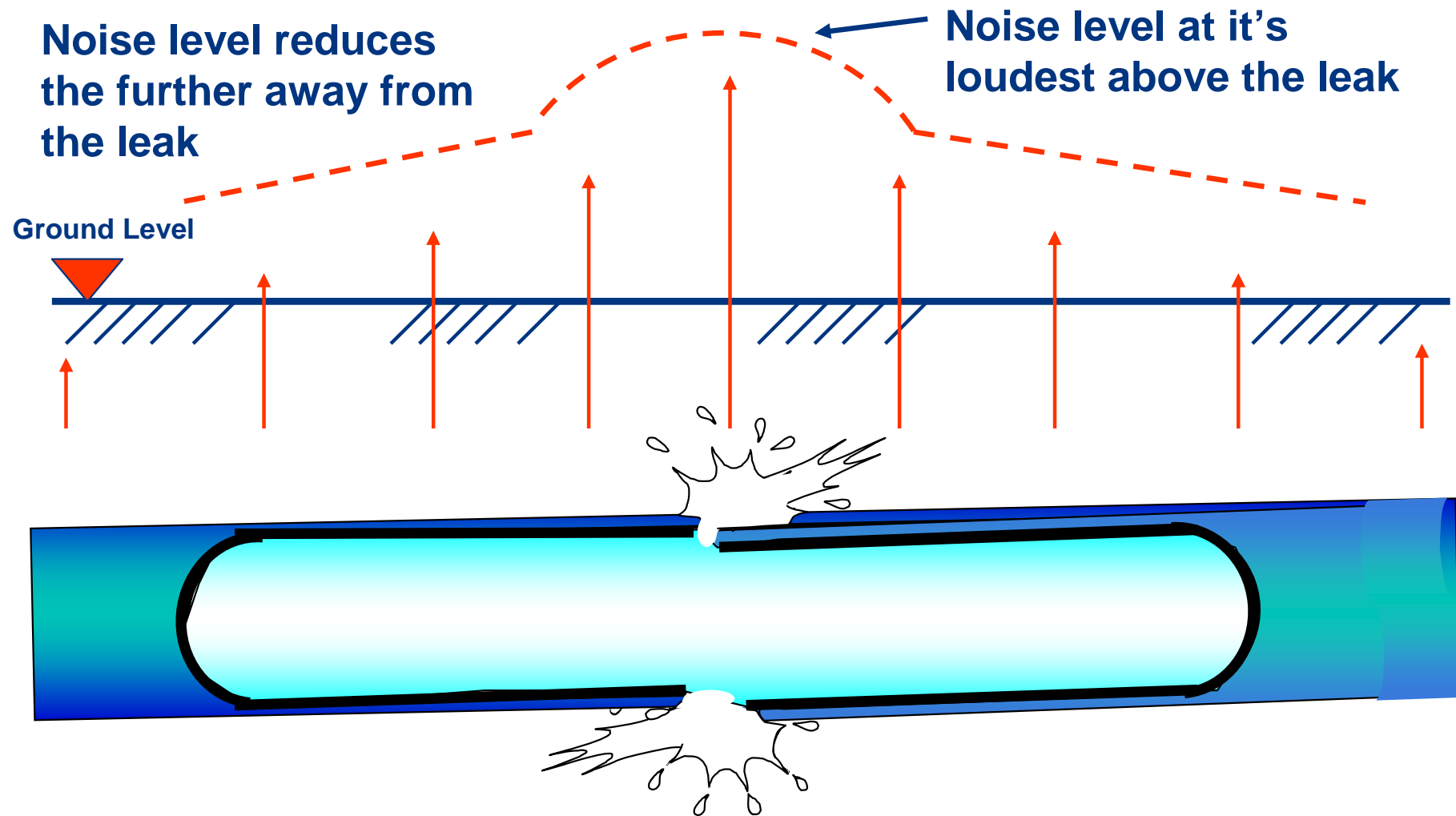
A ground microphone is designed to amplify the noise generated by water escaping from water pipes under pressure.

Identifying the position of the loudest leak noise indicates the ground position of the actual leak itself.

What is a Ground Mic?



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EQUIPMENT LAYOUT



Full Xmic System



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High quality
David Clarke
headphones

The Foot
(Elephants foot)
Used on hard
ground surfaces



Extension rod
Used for listening
on fittings or
through soft
surfaces

Tripod foot
Used on uneven
surfaces

Base unit

Base Unit



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- 1 - Headphone control
- 2 - Mode select
(Preset / Manual / MLP)
- 3 - Acoustic signal level
- 4 - Battery status
- 5 - On / Off & Backlight
- 6 - Gain level
- 7 - Increase & decrease level
- 8 - Charging LED
- 9 - Contrast adjustment
- 10 - Option select
- 11 - Option select
- 12 - Option select

Base Unit



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- 1 - Headphone & Charging**
- 2 - Sensor connection**
- 3 - Battery compartment**

CHARGING



To charge connect the charger, the LED battery charge light will illuminate, this will go out when fully charged.

Charging time is approx 7 hours

BUTTON OPERATION





Press once to turn on

Press once more to turn off backlight

Press and hold down for 2 seconds for off



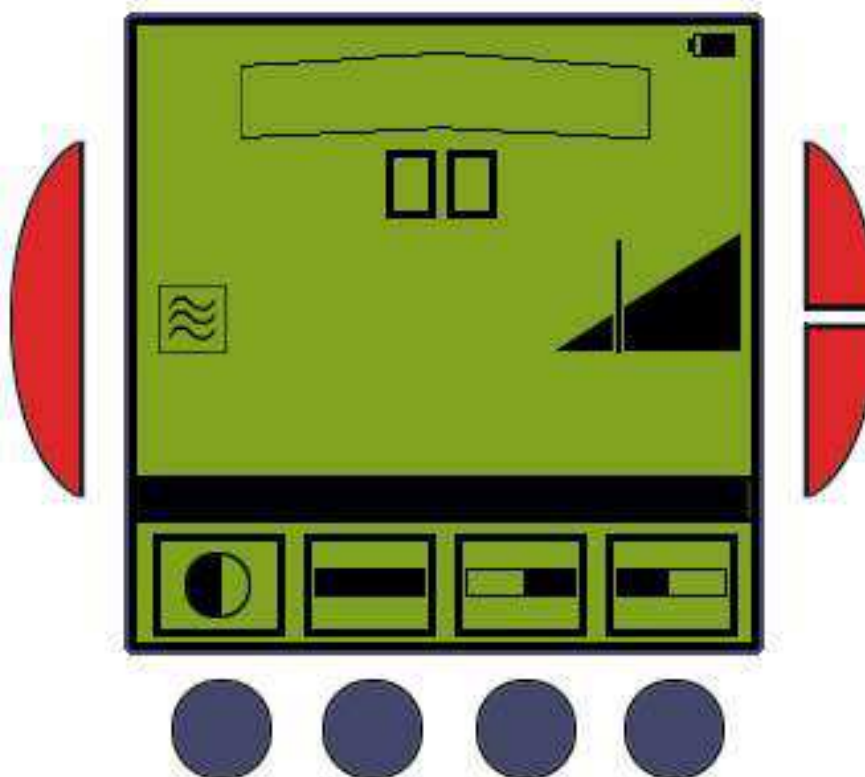
Press once to turn on

Press once to mute

Press and hold to listen until released

Button Operation

The mode button
toggles between
Preset filters,
Manual filters &
MLP mode



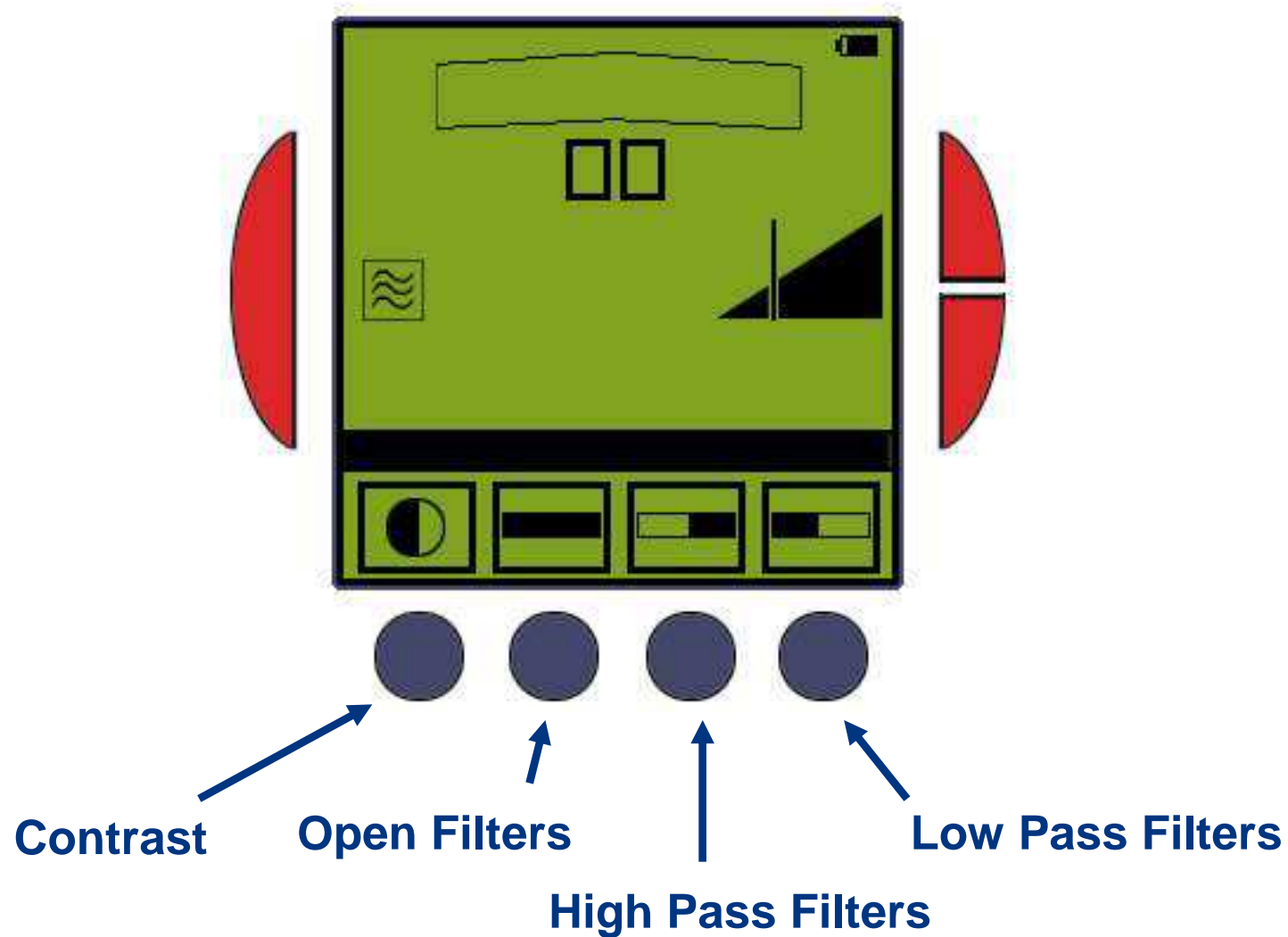
FILTER SCREENS



Preset Filtering



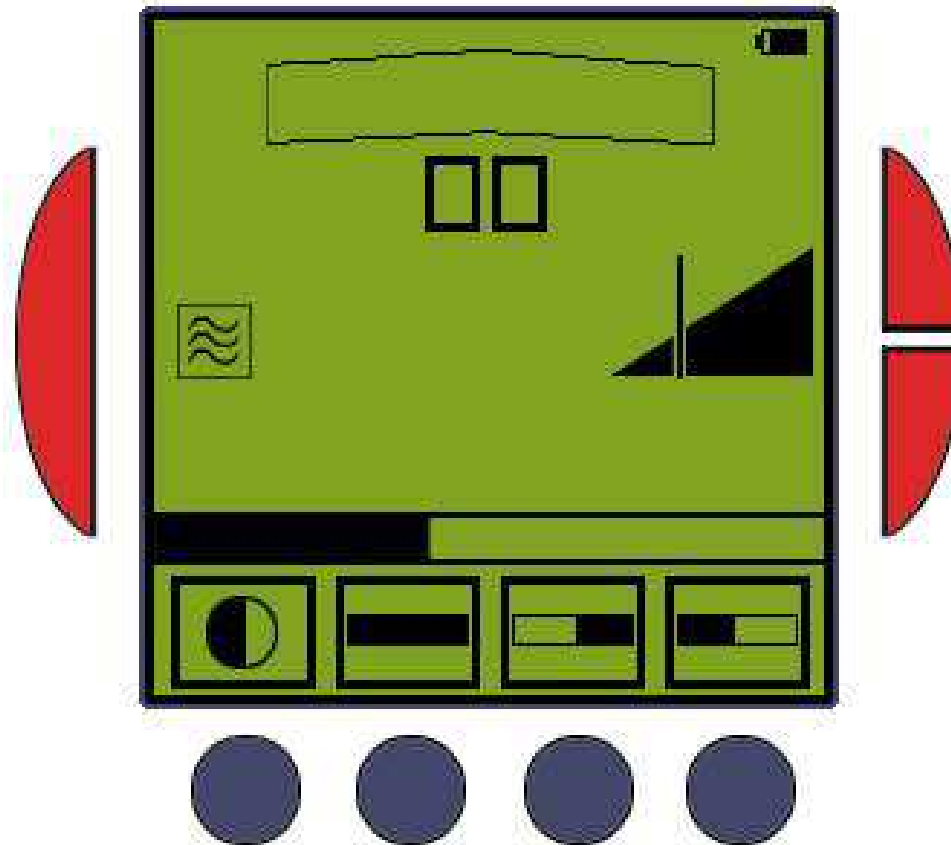
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Low Pass Filtering



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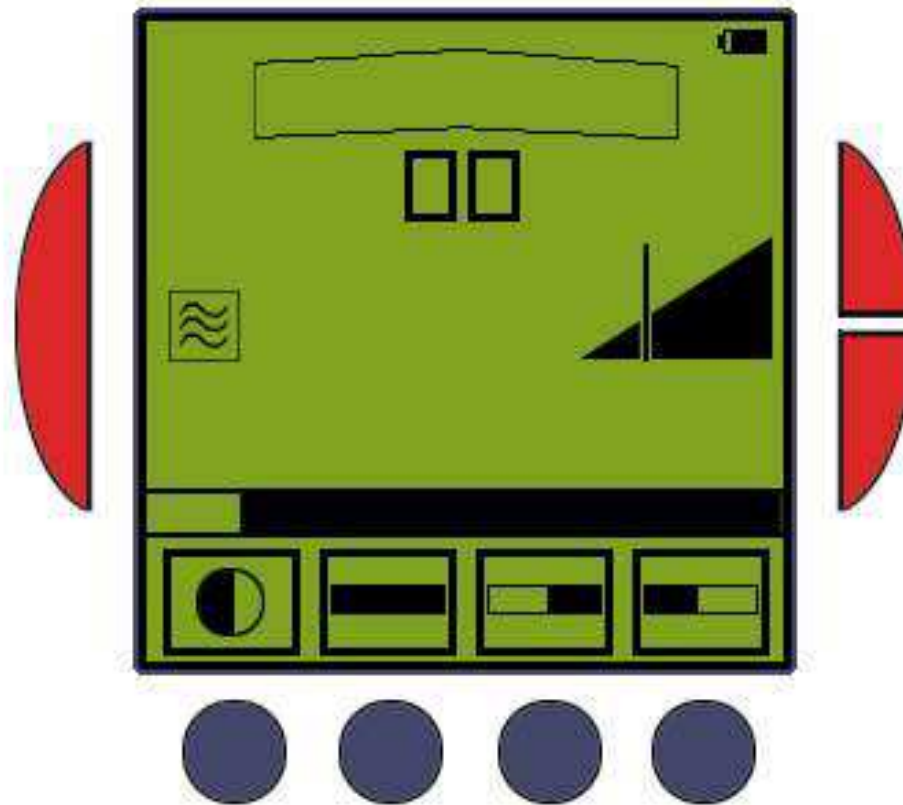
Used on plastic pipes

Low Pass Filters

High Pass Filtering



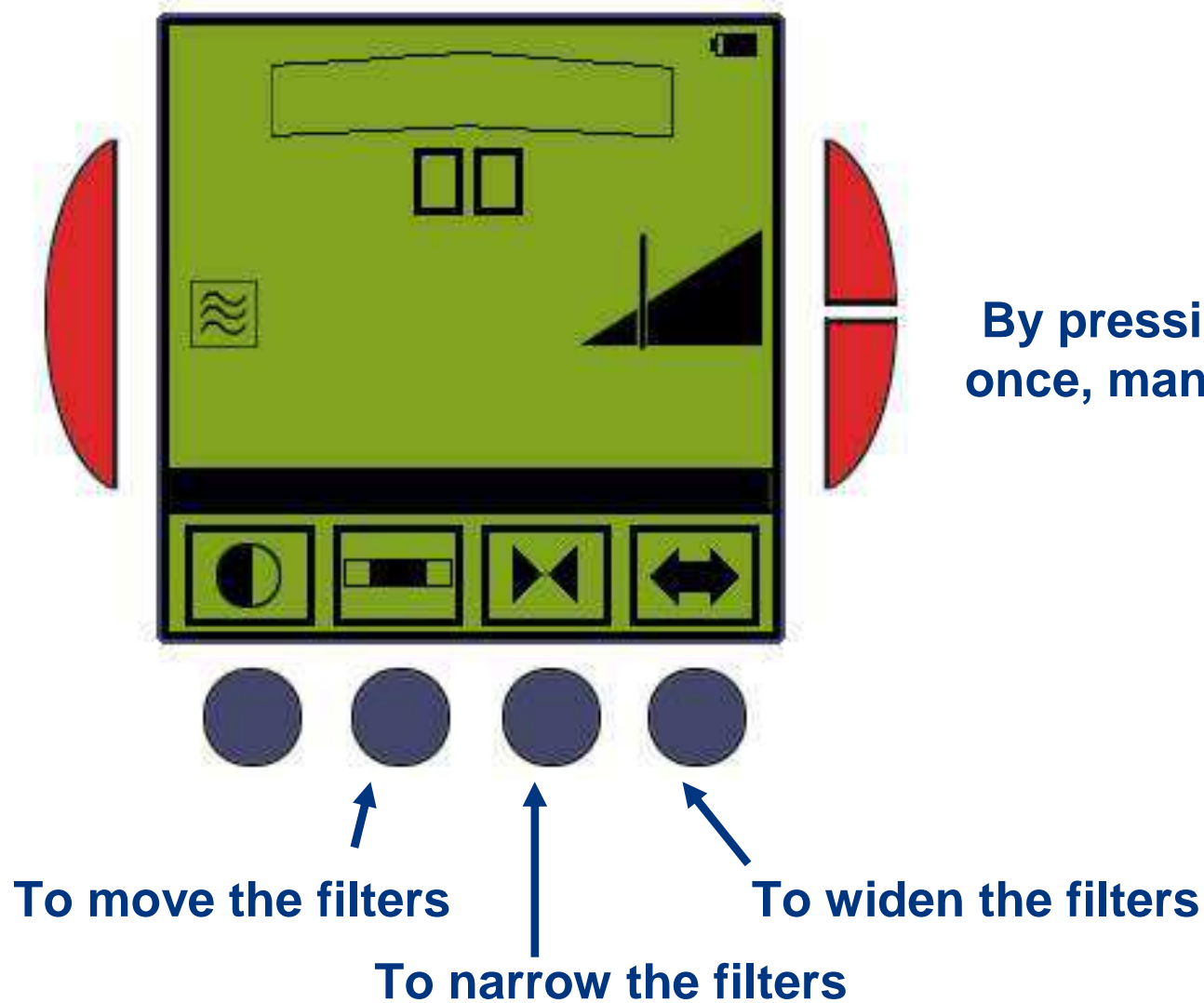
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Used on metal pipes

High Pass Filters

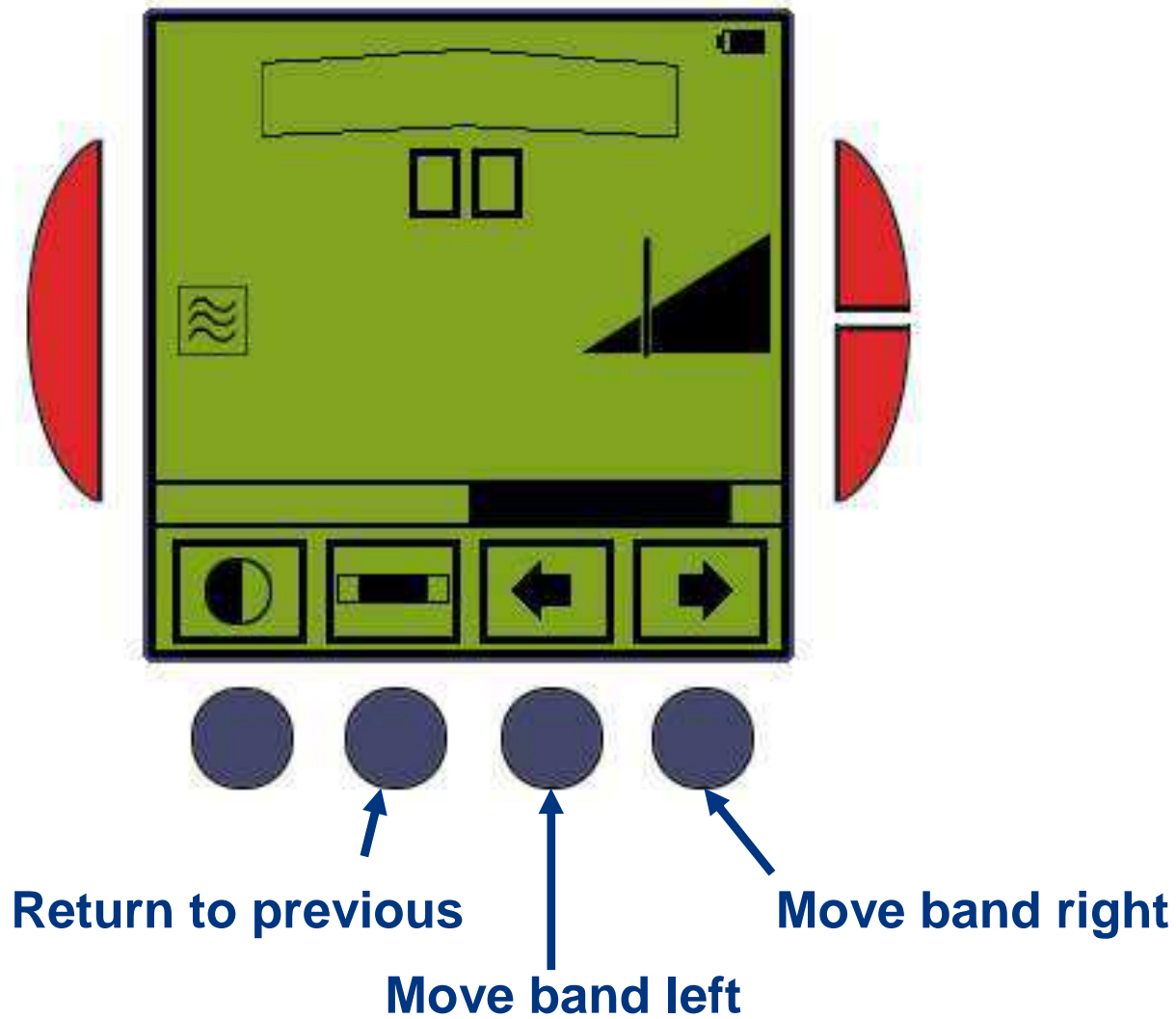
Manual Filtering



Manual Filtering



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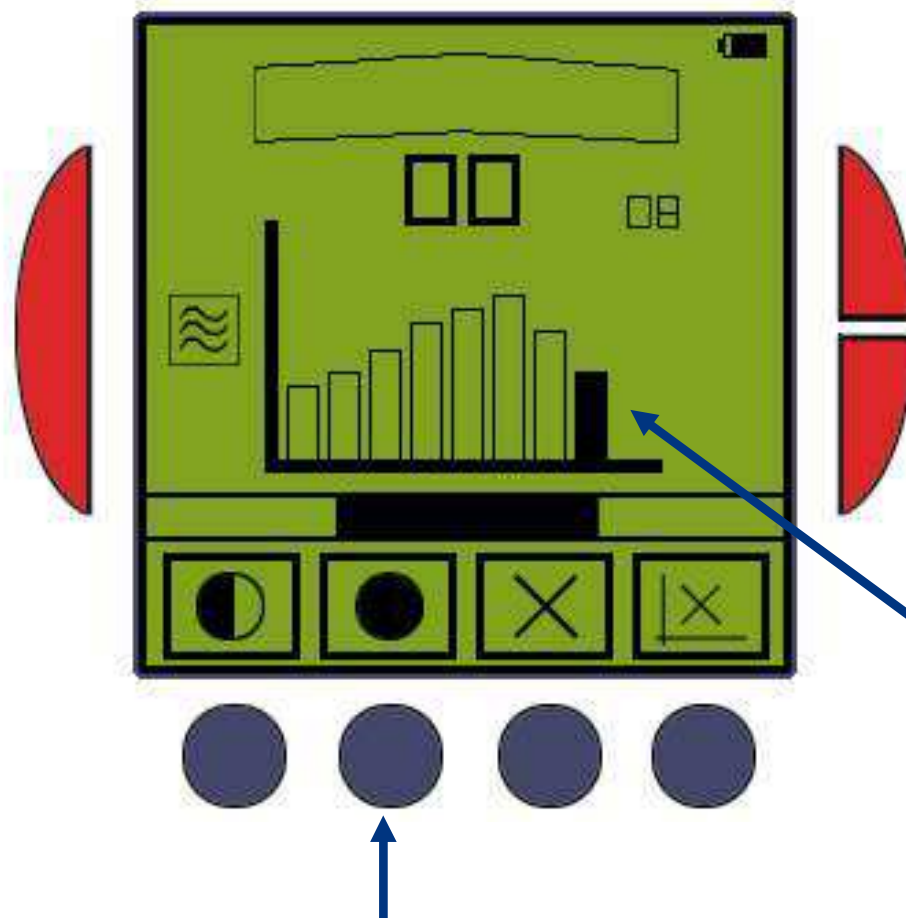
MLP MODE (Minimum Level Profiling)



MLP Mode

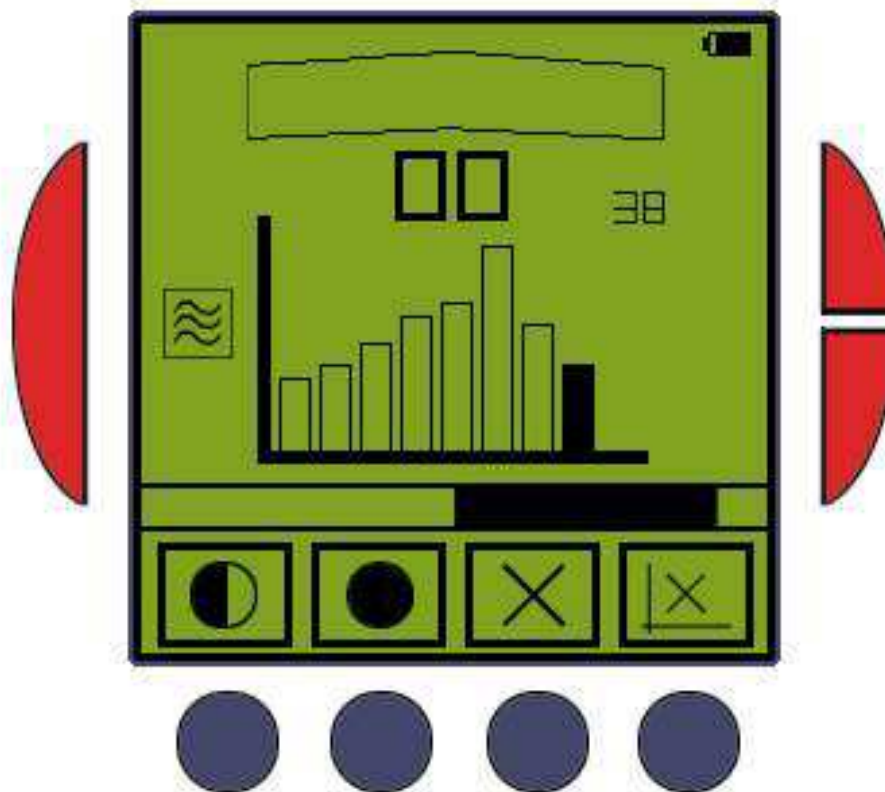


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The noise value
is displayed on
the bar chart

Place sensor down, wait 3 seconds
and press the record value button



**Removes the last
recorded noise
from the chart**

**Clears all recorded
noise values from
the chart**