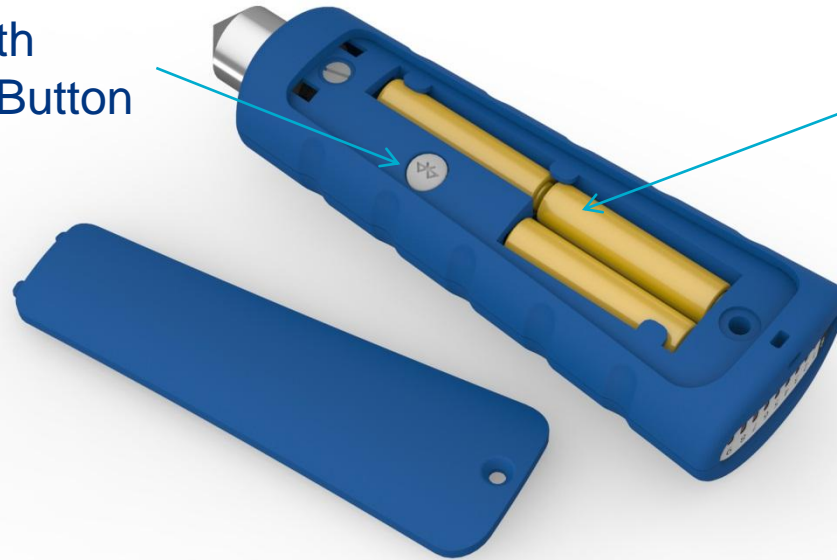




Bluetooth  
Pairing Button



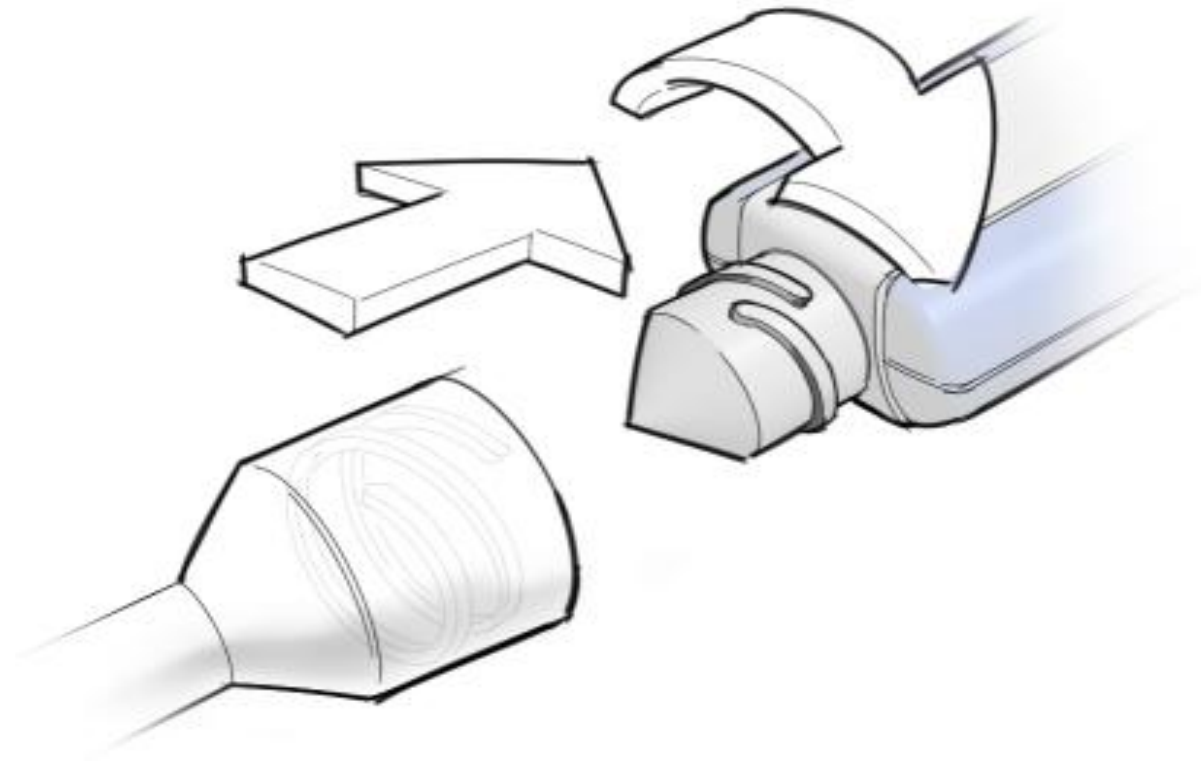
Battery  
Compartment



Bluetooth Indicator for pairing to Headphones

Signal Display (inc Last reading memo)

# Tmic – 1m extension Rod



# Logging New Parameters – Turbidity

- **TurbiLog** - Coming later this year
- 0 to 100NTU specification with resolution of 0.01
- Serial encoded output in format to be defined by HWM – nominally RS232 “like” but with different voltage levels.
- Push button or other method to recal in the field against distilled water sample
- Ability to recal against a second reference point (10 NTU) based on polymer beads.
- Power consumption to be approximately 1A for 90ns.
- Electronic module to be separate with flying lead to allow it to rest alongside the probe
- Electronic module to have replaceable Lithium-Thionyl Chloride batteries



# Logging New Parameters – Turbidity

- The probe and the electronic module do not need to be matched
- Probe to be inserted through gate valve and meet the requirements of DWI
- Optical probe design must cope with 30bar
- Electronic module designed to IP68 and meet 0.7bar
- Optical probe to have dual LED solution to compensate for material build up on probe
- Probe to be maintained and recalibrated at typically 12 month intervals for most installations
- Approximately 400mm in length.

