miniDOT Quick Start Instructions

Open the miniDOT like a flashlight: unscrew the white housing from the black endcap.

·Connect the miniDOT to a computer via the supplied USB cable.

·The miniDOT will appear as a host computer local Disk.

Review the Manual.pdf located on this local disk. This manual contains operating instructions and describes the software located on the disk.

You can begin deployment before connecting the miniDOT to a computer. Every miniDOT logger is set to sample every 10 minutes before shipment. To begin taking samples, open the logger and flip the switch from Halt to Record. The LED will flash green five times to show that the miniDOT is on and sampling. The miniDOT will record a measurement of time, battery voltage, temperature, and dissolved oxygen every 10 minutes. Your miniDOT was calibrated and time was set at PME headquarters before shipment. It is ready to begin sampling

IMPORTANT GUIDELINES

Do NOT remove any of the six screws on the face of the black endcap. There are no user serviceable parts inside this region. Removal of these screws may result in damage to miniDOT and will require the unit to be sent to PME for possible repair and recalibration.

·Take care when opening the miniDOT to ensure that water does not enter the miniDOT.

·Take care when closing the miniDOT to ensure that debris has not compromised the O-ring seal.

·Replace desiccant if it is no longer moisture absorbent. The included color indicating packets will turn pink if they need to be replaced. Ensure desiccant is installed on each deployment.

·Lithium AA batteries should remain in the miniDOT for long term storage. Any other type of AA battery should be removed for storage of the miniDOT.

·The black vinyl cap protects the sensing foil from damage. Remove this cover when the miniDOT is in use. Replace it for storage.