Instrument Specifications

Max Depth	500 m	6000 m
Operating Range	-5 to 45 °C	
Weight (Air)	1.36 kg	2.5 kg
Weight (Water)	0.7 kg	1.9 kg
Battery Capacity	14 h (operating)	
	18 h (standby)	

WiFi[1]   GPS[2]   Rechargable

USB   Depth Rating   Ports

500 m
6000 m

3

WARNING

Every AML instrument and sensor is rated to a maximum deployment depth. The maximum depth rating is always indicated clearly on the outside of the pressure housing. Never deploy a system beyond the shallowest depth rating indicated amongst the instrument and installed sensors. Never deploy an instrument with any sensor or charging ports exposed.

AML-3 LGR Quick Start Guide

Charge The Battery

1. Remove the protective cap* from the USB charging bulkhead (Figure 1).
2. Use the USB charging cable and AC adapter to connect the instrument to AC power.
3. The instrument will begin charging automatically.

Figure 1

*Remove the protective cap in clean dry conditions ONLY. Without the protective cap, the USB connector is NOT splash-proof.
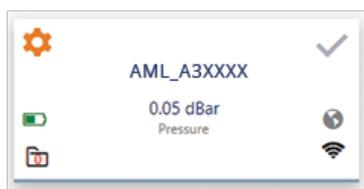
Connect With Sailfish[1]

1. Install Sailfish on a Windows PC from either:
   - USB drive
   - AMLoceanographic.com/software
   You may be prompted to select firewall settings during installation. Ensure both boxes are selected before continuing.

2. Ensure WiFi is enabled on your PC. Note that connecting Sailfish to your AML instrument will disconnect an existing WiFi connection unless multiple adapters are used.

3. Turn on instrument and start Sailfish.

4. If you have multiple WiFi adapters (such as internal WiFi adapter and a USB Wifi dongle), select the device you want to use to connect with your AML Instrument. Click *Refresh.*

   Wi-Fi

   AML_A3XXXX

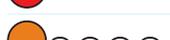5. Select the tile representing your AML instrument and click *Connect.*

   Connect   Auto Connect

6. Sailfish will connect to the instrument and the tile will display device information.

   AML_A3XXXX
   0.05 dBar
   Pressure

   Contact service@AMLoceanographic.com if you have any difficulty locating or installing Sailfish.

LED Indicator Legend

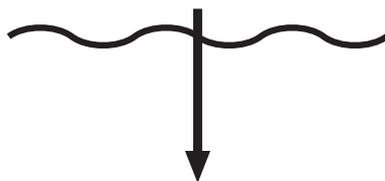|	
🟢 ———	Ready, GPS Locked[2]
🟢 —·—·—	Ready, GPS Acquiring[3]
🟢 ······	Logging
🔴 ———	Ready, Battery Low, GPS Locked[2]
🔴 —·—·—	Ready, Battery Low, GPS Acquiring[3]
🔴 ······	Battery Low, Logging
🟠 ∿∿∿	Charging
🟠⚪🔵	Powering On/Off
⚪ ———	Off & Fully Charged
⚪ ······	Error

Take a Profile

1. Turn the instrument on. Wait for the LED indicator to display *Ready*[3]. Immerse in water.

2. The instrument will detect 'in-water' and will indicate *Logging*. Wait a few minutes to allow the instrument to thermalize.

3. Lower the instrument to the required depth, then retrieve. Reconnect with Sailfish to download logged data.

4. Navigate to the *Data Manager* tab to view and export the profile.

5. Turn the instrument off, rinse with fresh water, then dry. Recharge if instrument indicates *Battery Low.*

[1]WiFi on 500 m only. Connect via USB for 6000 m.
[2]GPS on 500m only
[3]The instrument will still log data without a GPS lock.