

## AMOD AGL3080 GPS Photo Tracker

### AGL3080 Operation

#### Power ON/OFF device

##### Power On

Hold the POWER ON/OFF button for one (1) second until all three LED's blink simultaneously once. Then the Green LED (GPS Status) will be on. This indicates the device has been turned on and starts to search GPS satellites.



Fig 1 Power Button

**Power ON/OFF button** When sufficient numbers of GPS satellites are found and the position can be fixed, the Green LED will begin to blink, indicating good GPS signal reception and GPS data is being logged. Now you can concentrate on and enjoy taking photos!

##### Power Off

To turn the power off, just hold the POWER ON/OFF button again for about three (3) seconds. All three LED's will be lit once and then off, and the device is now turned off.

#### Status LED's

There are three status LED's on AGL3080 – Red (Storage Full), Green (GPS Status), and Amber (Battery Power Storage Full)



#### Status LED

The **Green** LED is the GPS Status LED. It is either constantly on or blinking. Blinking indicates good reception of satellite signal and GPS position data is being logged. Constant on indicates satellite signal reception is poor and position can not be fixed and logged.

To get a good reception of GPS signal, adjust the orientation of the AGL3080 device to ensure it is facing open sky. Normally, after adjustment, the position can be fixed very quickly and the GPS Status LED (Green) will again blink.

The **Red** LED is the Storage Full LED. When the storage space runs out, the Red LED will be on and no more GPS data be logged. If this happens, turn the device off, download the logged data to the computer and clean up the storage disc. The storage disc can be cleaned either by deleting file(s) from the computer or by performing a CLEAN DISC operation when turning the AGL3080 device on. Please see instructions below about CLEAN DISC.

The **Amber** LED is the Battery Power LED. The Amber LED will blink when the battery power level becomes low (< 20% of full power). It is just a warning sign about battery power level is getting low. The device still functions properly. But when the battery power level is too low for the device to function normally, the Amber LED will change from blinking to constant on, and both the GPS and data logging functions will be turned off. When this happens, please turn the device off and replace battery immediately.

## **Basic operation**

### **USB CONNECTION TO A COMPUTER**

Standard mini-USB socket. The AMOD must be switched **OFF** before it is connected. It does not need to have batteries in it.

### **SWITCH ON**

Press the Power ON/OFF button until all three LED's blink simultaneously once. The green LED will stay constant while it is searching for a GPS signal.

While the Green LED is blinking it is tracking GPS satellites and is logging GPS data.

If the green LED goes to constant on then you have lost GPS reception; adjust its orientation and position until the green LED is blinking again.

### **MARK**

Depress the MARK button briefly to record a specific point on the track. The red LED will flash briefly to confirm the point has been recorded.

### **LOW BATTERY**

The amber battery power LED will start to blink when there is approximately 20% battery power remaining, but it will continue logging.

When the battery power LED goes to constant, there is no longer sufficient power to continue logging and no further logging will take place until the batteries are replaced.

### **STORAGE FULL**

The red LED will be constantly on and no further logging will take place. The device has a minimum 72 hours of track storage capacity so there is no excusable reason why you could ever reach this status.

### **SWITCH OFF**

Press the Power ON/OFF button until all three LED's blink simultaneously once and then all go out.

## BATTERIES

3 x AAA. Endurance with good quality alkaline batteries is around 10 hours and can be more.

**Manufacturer warning:** Inserting batteries the wrong way around will cause permanent damage to the device.

