

GPS location “profiles”.

New in version 1.7 is the locations settings page, locations #00 until #09 can be chosen on this page.

IMPORTANT, for storing live GPS data always use location #00 which is shown as “active GPS” (Or “stored GPS” when there is no GPS-fix)

The idea is that when you have no GPS unit installed or, when there is no reception like in a building, or when you want to save energy and turn off the GPS you can use the locations 01 – 09 (home1 - home9)

As it is not difficult to make a mistake here, please try to read this carefully and play around with these settings while you are at your desk before running off in the field and make recordings in the strangest places. (because of choosing the wrong settings)

How does this work.....

After powering on the detector with a micro-sd card installed, a file locations.cfg is stored in the root of the card.

This file looks like this.

```
#start locations
loc0_name=GPS
loc0_latitude=532122794
loc0_longitude=59072752
loc0_hour_offset=1
loc0_dst=0
loc0_store_time=1707772556
loc1_name=home1
loc1_latitude=532121192
loc1_longitude=59071248
loc1_hour_offset=1
loc1_dst=0
loc2_name=home2
loc2_latitude=0
loc2_longitude=0
loc2_hour_offset=0
loc2_dst=0
loc2_store_time=0
loc3_name=home3
loc3_latitude=0
loc3_longitude=0
loc3_hour_offset=0
loc3_dst=0
loc3_store_time=0
etc.
```

loc0 is what you would normally use, when there is a GPS fix the detector shows “active GPS” and when reception is lost this one is shown as stored GPS. The values of loc0 will be used.

We do not want to change these values.

Loc1 (home1) until loc9 (home9) can be set to wanted values.

Loc1 is shows as “home1” and these values can be altered in the locations menu using the encoders or you can alter the locations.cgf using a text editor or you can store active GPS setting

To use the detector menu, select the menu LOCATION, and move one row down to select Location, here you can change to home1. (If you record and have “record location” set to on in the RECORDING menu the values of loc1 will be used.)

Now move down to latitude, with right encoder you can change the degrees. If you press the right button (side menu [])you change from degrees (D) to decimals (dd) pressing the right button again (m) you change to the 4th decimal. After setting both lat and lon UTC and DST press the right encoder (save/change)

For changing location data by text editor is is very important to use the right number of decimals and do not change loc0 values.

loc*_name is the name (can only be altered in a text editor)

loc*_latitude is the latitude in degrees and 7 decimals (no decimal point)

loc*_longitude is the longitude in degrees and 7 decimals (no decimal point)

loc*_hour_offset=1 is the offset compared to UST (GMT) 1 is for central europe

loc*_dst=0 is daylight savings tome 0=Europe 1=north America 2=off

Save the file and put back the card in the detector, if you use multiple card it might be wise to copy this file to the other cards for you have the same locations settings.

You can also save the current GPS values to any give “home”

If you have an active GPS and want to store the current location on home2, select home2 on the locations page and go to the GPS page. Location should show home2 and below home2 you see the “overwrite location” option. If that is changed to on, and you press the right encoder (save/change) this current location is stores on position “home2”