Altis Life – Navigator – Welcome

Welcome to the installation of "Altis Life Navigator". Please follow the tutorial closely to avoid errors. Further below you can find the full documentation for this product.
This manual requires the "Altis Life Maverick Framework" and "Altis Life Maverick GUI Framework" to be already installed.

Altis Life – Navigator – Installation

Step 1
Open your Altis Life missionfile. Your missionfile folder will be represented as <missionfile> in this manual. Your "life_server" folder will be represented as <server>.

Step 2
Copy the enclosed folder "Scripts\navigation" into "<missionfile>\maverick\". The folder structure should now be "<missionfile>\maverick\navigation".

Step 3
Open the file "<missionfile>\maverick\maverick_functions_master.cpp" and add the following line at the very bottom

```
#include "navigation\functions.cpp"
```

You can now save and close this file.

Step 4
Open the file "<missionfile>\maverick\maverick_master.cpp" and add the following line at the very bottom

```
#include "navigation\config.cpp"
```

You can now save and close this file.

Step 5

Open the file "<missionfile>\maverick\maverick_titles_master.cpp" and add the following line
at the very bottom

```
#include "navigation\titles.cpp"
```

You can now save and close this file.

Step 6

Download the following .ZIP file

https://armaservices.maverick-applications.com/download-files/navigator_data.zip

extract it and copy the "data" folder into "<missionfile>\maverick\navigation".
It should now be located at "<missionfile>\maverick\navigation\data".

The installation is now complete.

Altis Life – Navigator – Documentation

How do I access the GPS?

By default, the GPS can be accessed by pressing **CTRL + N**. You can change this key binding behavior in the scripts config.cpp. The respective fields are named **keyCode**, **reqShift**, **reqAlt** and **reqCtrl**.

How do I add pre-defined locations to the GPS?

Pre-defined locations show up for all users to be chosen as a start position, checkpoint and target position. By default, this category in the GPS only shows your current location. You can add new pre-defined locations in the config.cpp, by adding the following to the **presetLocations** field under the corresponding map name e.g. "class Altis":

{"Name of pre-defined location", {COORDINATES}} – or –
{"Name of pre-defined location", {1050, 3859, 1}}

Can I start a navigation via script?

For customers that wish to utilize the GPS via scripting, we expose two functions.

Function **mav_gps_fnc_startNavigationScripted**	
Description	Calculates the fastest route via the given locations and starts a navigation.
Syntax	[fromPosition, toPosition, checkpoints, searchMode, stopExistingNavigation] spawn mav_gps_fnc_startNavigationScripted
Parameters	**fromPosition**: Array – Start position **toPosition**: Array – End position **checkpoints**: Array – Array of positions which the GPS will pass when calculating the route. Pass empty array to calculate the fastest route from start to target location. **searchMode**: String – "NORMAL" or "HIGHWAY". NORMAL means that the algorithm will prefer getting closer to the target over the type of road used. HIGHWAY will make the algorithm prefer asphalt roads over getting closer to the target. **stopExistingNavigation**: Bool – If true, overrides existing navigation with new one.
Returns	Bool – True if successful, false if already in progress

Function **mav_gps_fnc_stopNavigationScripted**

Description	Stops the current navigation.
Syntax	[] spawn mav_gps_fnc_stopNavigationScripted
Parameters	**No parameters**
Returns	Nothing