

## XMapsy essential – Short Instructions



### 1. Description

This helpful tool sends data of the own simulator aircraft and AI traffic information over your local network to various EFB solutions.

Once launched, it will only be visible as an icon in the tray and automatically connect to the FSX, P3D or MSFS2020.

XMapsy essential uses the proven core of its "big brother" XMapsy V3, which has also been used successfully by GA and airline pilots since 2019.

XMapsy Essential was released to meet the demand of users for a cheaper version that only contains the essential basic functions.

However, you can switch from XMapsy essential to XMapsy V3 at an attractive update price at any time if you need more flexibility in the settings, want use the GDL90 protocol, need the support of other EFB apps or you want to use the automatic flight recording as GPX and KML files (which can be read into Google Earth or Sky-Dolly, for example).

The following table provides an overview of the apps tested till now with XMaps essential on IOS and Android (if available there) and their usable features with the XPlane /Simulator interface:

**EFB-Apps tested on IOS-Devices**

Product	X-Plane/Simulator-Mode		
	Position	AHRS	AI-Traffic
SkyDemon	✓		✓
ForeFlight	✓	✓	✓
Garmin Pilot	✓	✓	✓
AirMate	✓	✓	✓
FltplanGO	✓	✓	✓
FlyQ EFB	✓	✓	✓
WingX Pro	✓	✓	
Sky-Map	✓	✓	

*This list is only intended as a guide. The results may vary on your system.  
Therefore, download the trial version and try it out in your system environment.*

**EFB-Apps tested on Android-Devices**

Product	X-Plane/Simulator-Mode		
	Position	AHRS	AI-Traffic
SkyDemon	✓		✓
Garmin Pilot	✓		✓
AirMate	✓	✓	
FltplanGO	✓		
Sky-Map	✓	✓	

*This list is only intended as a guide. The results may vary on your system.  
Therefore, download the trial version and try it out in your system environment.*

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**You can test the tool in a fully functional version with no time restrictions. Only the flight areas are limited to a wide area around EDDC (Dresden-Germany), NZAA (Auckland - New Zealand), KLAS (Las Vegas - United States) and YPAD (Adelaide – Australia).**

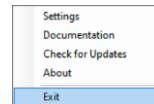
## 2. Installation and Start:

- Make sure that .Net Framework 3.5 or above is installed
- Execute Setup.exe on the same computer where the FSX/P3D/MSFS 2020 is running and follow the Instructions.

- After installation you will find this icon on the desktop:







- Start the tool by double-clicking on the icon. A notification-icon will appear in the tray:



Right Click the icon for Settings, Documentation, Check for Updates, About and Exit:

- The color of the icon indicates the connection status to the simulator, XMaps essential connects automatically to the FSX, P3D or MSFS2020 – no user-action is necessary!

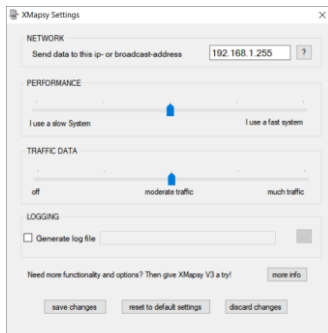
-  Red: no connection to the simulator
-  Yellow: trying to connect
-  Blue: connected to simulator with SIMCONNECT, transmitting data to Your EFB Device
-  Red: and yellow: you are outside of the demo area

### **Important - before using XMaps, note the following:**

- XMaps must be installed on the same computer where the FSX, P3D or MSFS 2020 is running.
- Check your firewall, UDP-ports 49002 must be open in your local network.
- The tablet with the EFB app must be in the same network as this PC.
- Check the settings in your EFB software. The Input must be set to simulation at Port 49002.
- Never launch different EFB apps on your tablet at the same time, which can cause problems in communication with the flight simulator.
- If you have problems, read the notes in Chapter 4. "In case of trouble"

### 3. Settings:

With the various settings you can customize and optimize XMapsy essential:




#### Network:

##### send data to this ip- or broadcast-address:

The broadcast address suitable for your system of the subnet in which your tablets with the EFB apps are running is suggested by XMapsy and should work in most cases.

Only change the suggested value if you have problems receiving the flight simulator coordinates with your EFB app or if you only want to send the data to the IP address of an EFB device.

You can restart the automatic determination of the broadcast address using the button  next to the input field.

#### Performance:

With this control you adapt the behavior of XMapsy to the performance of your system.

Slower systems (and that could be an older tablet or a bad W-LAN) can process less data from XMapsy. This is why XMapsy sends only the most necessary data and these in a larger interval if you slide the slider all the way to the left.

If the slider is in the middle, you have the full functionality of XMapsy with a good data update rate.

This setting should work for most systems.

If the slider is set to the right, the data will be send at even shorter intervals. Test which setting works best for your system.

#### Traffic Data

XMapsy can also transfer the data from AI traffic to your EFB program.

Depending on the volume of traffic, this can result in considerable amounts of data that may overload your EFB program.

Therefore, you can use this Sliderto set the behavior of XMapsy when transmitting the AI traffic.

If the slider is on the far left, no traffic data is transmitted.

In the middle position, the AI traffic is transmitted within a radius of 15nm (without the planes on the ground).

This setting should be ideal for most users.

If you want to increase the area in which AI traffic is transmitted or also want to display AI planes on the ground, then move the silder further to the right.

Here, too, it is best to test yourself which setting is best for you.

#### Logging

##### Generate log file:

If there are problems, it may be useful to create a log file and send it to the developer. But keep in mind that the log file can get very large and slows down the system.

Only activate this checkbox for troubleshooting!

#### **4. In case of trouble:**

- XMapsy must be installed on the same computer where the simulator is running.
- Check your firewall, UDP-ports 49002 must be open in your local network
- Check the settings in your EFB software. The Input must be set to simulation at Port 49002
- Disable the internal GPS of your mobile device.
- Test lower Performance-Settings and switch Traffic off in the XMapsy-settings.
- Never launch different EFB apps on your tablet at the same time, which can cause problems in communication with the flight simulator.
- In the case of problems, always check whether your EFB app has been updated.
- Reboot mobile device.

**If there are still problems, you will receive support quickly at [support@xmapsy.com](mailto:support@xmapsy.com).**

**For news and additional infos, check the XMapsy website <https://xmapsy.com>.**

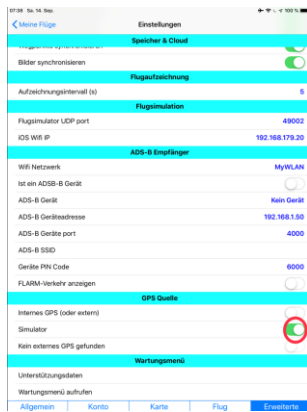
## 5. some hints for different EFB-apps

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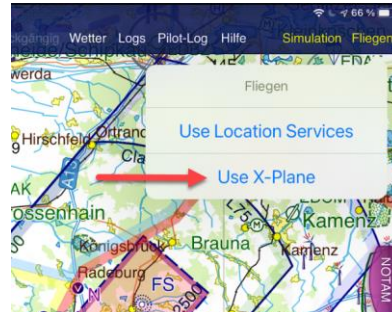
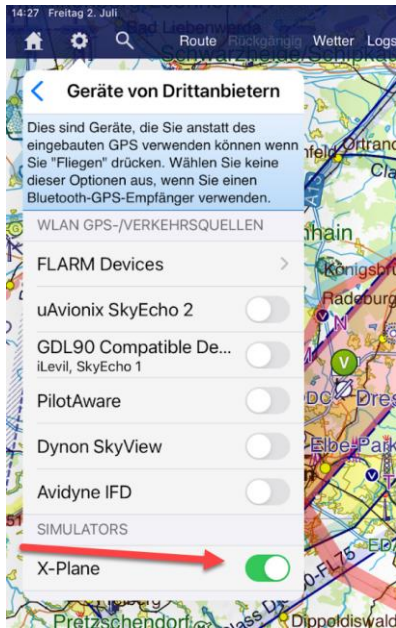
The listing makes no claim to completeness. XMapsy can also work with EFB-Apps that I have not tested yet.

If your EFB application is not supported by XMapsy Essential, then take a look at XMapsy V3. XMapsy V3 is the "big brother" of XMapsy Essentials and supports a wider range of EFB apps.

### 5.1 AirMate

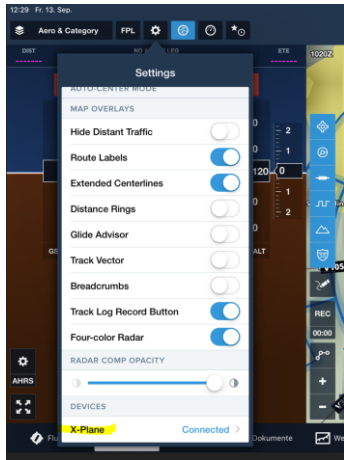


## 5.2 SkyDemon

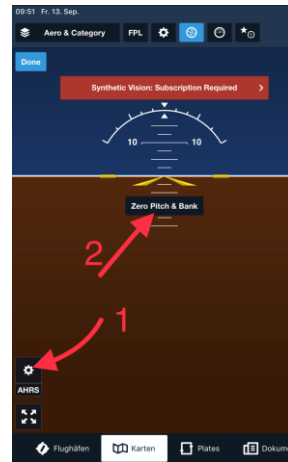


## 5.3 ForeFlight

Foreflight automatically detects the correct mode

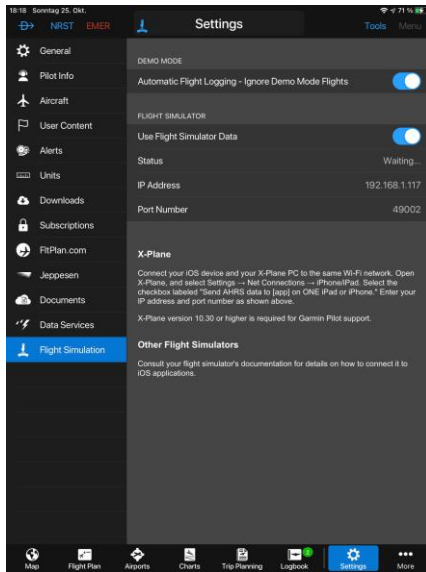


Calibrate pitch and Roll !!



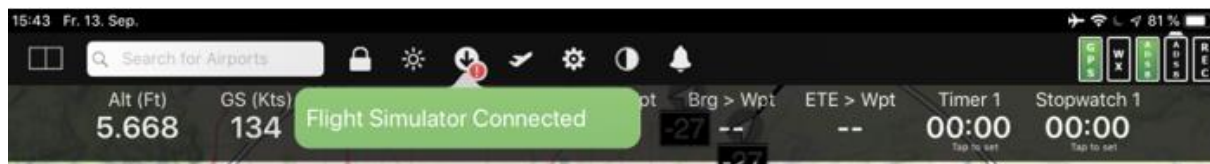
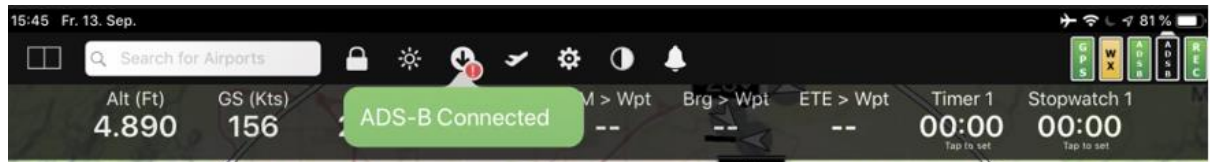


## 5.4 Garmin Pilot



## 5.6 FlyQ EFB

FlyQ EFB automatically detects the correct mode



## 5.7 FltPlan Go



The screenshot shows the FltPlan Go application interface. The top status bar displays the time as 12:54 on Friday, June 19, and the battery level at 99%. The main window is titled "X-Plane" and features a sidebar on the left with various tool categories. The "SIMULATORS" category is highlighted in blue, and "X-Plane" is selected with a checkmark. The main content area displays flight data for the selected simulator.

X-Plane	
Status:	Connected <span style="color: green;">●</span>
Last Update:	12:54:29
Latitude:	51.14809
Longitude:	13.78191
Altitude:	925.10
Course:	87.88
Speed:	53.00
Pitch Degrees:	0.01
Roll Degrees:	0.40
Heading Degrees:	0.01
Airspeed True (kts):	-----
Airspeed Indicated (kts):	-----
Altitude Pressure (msl):	-----
Indicated Altitude Pressure (msl):	-----

## 5.8 WingX Pro



## 5.9 Sky-Map

Zurück	Setup	Hilfe
Farbe Track		>
Breite Track		3 Pixel >
Maßstab anzeigen	<input checked="" type="checkbox"/>	
Anflugkarten autom. einblenden	<input checked="" type="checkbox"/>	
Versch. aktiviert Planungsmode	<input checked="" type="checkbox"/>	
FLARM/ADSB/HRSGPS CONFIGURATION		
Wireless Interface Setup		>
FLARM/ADSB Verkehr anzeigen	<input checked="" type="checkbox"/>	
Vertical Display Range		Infinite >
Horizontal Display Range		Infinite >
Horizont anzeigen	<input checked="" type="checkbox"/>	
EMS anzeigen	<input type="checkbox"/>	
NMEA Daten für Autopilot senden	<input type="checkbox"/>	
Mag. Heading für Horizont verwenden	<input type="checkbox"/>	
ROUTE		
Interaktiv änderbar	<input checked="" type="checkbox"/>	