

Aerosoft RadioStack X

Aerosoft RadioStack X is a simple application on the iPad which simulates the standard Bendix radio stack as it is used in FSX. When you have the iPad connected to your FSX PC you will be able to interact with FSX on the iPad.

COPYRIGHTS

The manual, documentation, video images, software, and all the related materials are copyrighted and cannot be copied, photocopied, translated or reduced to any electronic medium or machine legible form, neither completely nor in part, without the previous written consent of AEROSOFT. THE SOFTWARE IS FURNISHED «AS IS» AND IT DOES NOT COME FURNISHED WITH ANY GUARANTEE IMPLICIT OR EXPRESS. THE AUTHOR DECLINES EVERY RESPONSIBILITY FOR CONTINGENT MALFUNCTIONS, DECELERATION, AND ANY DRAWBACK THAT SHOULD ARISE, USING THIS SOFTWARE.

Copyright © 2011 AEROSOF. All rights reserved. All trademarks and brand names are trademarks or registered trademarks of the respective owners. Copyrights are serious stuff. If you find any pirated copies of this software please notify us at support@aerosoft.com. We will make sure reports of copyrights violation are rewarded.

Aerosoft GmbH
Lindberghring 12
D-33142 Büren
Germany
www.aerosoft.com

CREDITS

Concept:	Aerosoft
Programming:	Raphael Jakob
Project Management:	Guenther Zehnel
Manual, documentation:	Mathijs Kok
Installer:	Andreas Mügge
Testing:	Several good folks who will all be getting a copy

SYSTEM REQUIREMENTS

- Intel Core 2 Duo E6850 CPU (Core 2 Quad advised)
- 2 GB RAM
- Direct X 9 compatible Graphics Card with minimal 512 MB
- Microsoft FSX (with SP2 or Acceleration)
- Windows XP, Windows VISTA, Windows 7 (fully updated)
- Adobe Acrobat® Reader 8 minimal to read and print the manual ⁽¹⁾

⁽¹⁾ Available for free, download at: <http://www.adobe.com/prodindex/acrobat/readstep.html>

CONTACT SUPPORT

Support for this product is done by Aerosoft. We prefer to do support on the support forum for one simple reason, it is fast and efficient because customers help customers when we are sleeping.

Aerosoft forums: <http://www.forum.aerosoft.com/>

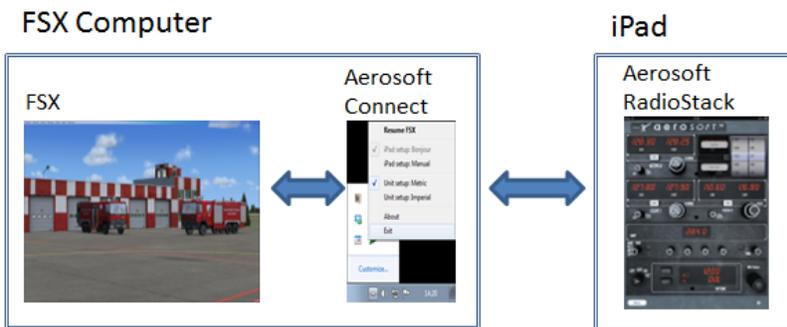
If you prefer email you can always write to support@aerosoft.com but understand that it can take up to 48 hours before you get an answer, the forum is almost always faster and more complete.

We feel strongly about support. Buying one of our products gives you the right to waste out time with questions you feel might be silly. They are not.

INSTALLING AEROSOFT CONNECT X

Aerosoft RadioStack X consists of two parts, the iPad application (*Aerosoft Radio Stack X*) and the small add-on that connects it to FSX (*Aerosoft Connect*).

Installing the iPad application is done the same way as with any iPad application. You buy it in the Apple iTunes store and it will be automatically installed. Aerosoft Connect can be downloaded from the RadioStack product page and is a free product. Even if you do not use the iPad app it has some nice features!



INSTALLING AEROSOFT CONNECT X (ON THE PC)

Installing is easy as with all our software. After you have downloaded the free file and started the SETUP.EXE the installer will go through these steps:

- It will check if Bonjour is installed (see below) and when it is not installed will offer to install it. If you choose not to do so, the iPad will not be able to find your FSX PC automatic and you will have to help it with that.
- It will check if FSX is installed on that machine (it makes no sense to install it on a machine without FSX after all).
- It will then install Aerosoft Connect and the Aerosoft Launcher (that is installed with all our software).

After installation you will find a link to Aerosoft Connect in the Windows Start Menu under Aerosoft | Connect X. It's best if you start this application before starting FSX!

Removal should never be done manually but only using the software removal applet you will find the Windows Control panel.

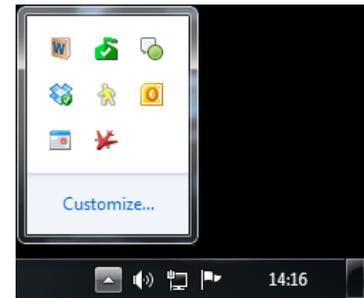
FIREWALLS

It is possible (or better, most likely) that you will be presented with a firewall warning when you start Connect. Just tell your firewall to allow Connect to talk to other devices.

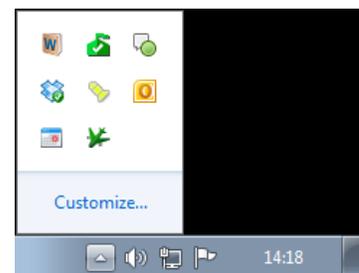


NOTIFICATION AREA ICON

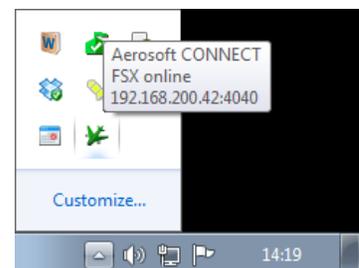
After Aerosoft Radio Stack has been started a new icon (in the shape of an aircraft) is shown on the Windows Notification Area (It's where the clock is normally shown.) When FSX is not running the icon will be red.



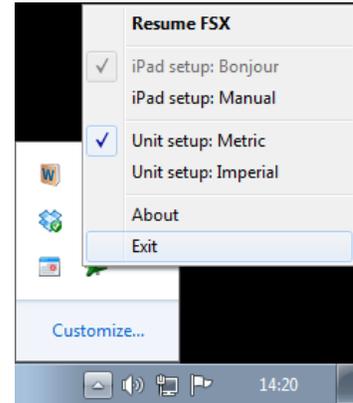
The moment FSX is running the icon will turn green, indicating that your iPad can now connect.



If you keep your mouse cursor on the icon for a moment you will see some additional information. The most important information is the IP address and port Aerosoft Connect can be reached at.



Right clicking the icon allows you to set some options. You can pause and resume FSX, select how the iPad will find the PC that runs FSX (either automatic via Bonjour or manual via the Aerosoft Radio Stack option on the iPad).



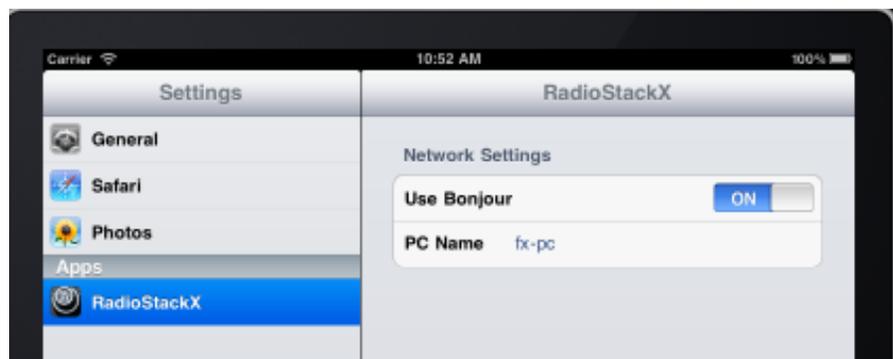
APPLE BONJOUR SERVICE FOR WINDOWS

Apple Bonjour is a small (Open Source) program that runs on your computer and announces its presence on the local network. It allows computers to find external devices (like printers) and other computers without any configuration. Although it is an Apple base product the Windows version is stable and will not cause any slowdown. It does NOT need any configuration after it has been installed. If you do not have this service installed you will have to use the Radiostack X configuration to find the computer FSX runs on.

AEROSOFT RADIO STACK X (ON THE IPAD)

After you installed Aerosoft RadioStack on your iPad starting the app will automatically display all the devices on the network that are running the Bonjour service. Just select the machine that runs FSX and RadioStack will start the connection. When FSX is not found it will tell you so and the app will go back to the selection screen. When FSX is found the app will show the radio stack.

When Bonjour is not used you can force the app to connect to your FSX PC by setting the computer name (you can find this in the properties of the computer) and disabling Bonjour. We found that on some computers this did not function reliably. You can also use the IP Address (that is shown by Aerosoft Connect). The Computer selection screen is not shown when you use this method. The settings can be found on the iPad Settings screen.



USING AEROSOFT RADIOSTACK

Actually using Aerosoft RadioStack is as easy as any iPad app should be. Just click on the rotary controls, set the frequency and use [Apply] to confirm. Clicking on the little <-> button will swap the Active and Standby frequency.

AEROSOFT CONNECT X USED AS WEB SERVER

Note: This information in this section is NOT needed to use Radiostack X.

We all know how long a flight can be and how tedious it is to sit and wait for the miles to tick off. You have a life, you need to eat, watch TV. But you still like to keep an eye on your flight. So we added some nice features to the Aerosoft Connect X application to allow you to follow your flight on any web enabled device (like a smartphone, tablet etc). Just enter the IP address of your FSX PC and you will see information on many functions and variables of FSX. From the flight plan to the electrical system. Using this option will have negligible effect on the speed of the simulator, on a multi core PC it will even have no impact at all. As it also does not run inside FSX there is no chance of any conflict.

To see the Aerosoft Connect server, enter <http://xxx.xxx.xxx.xxx:4040> in your browser, where xxx.xxx.xxx.xxx stands for the IP address of the PC FSX runs on. It is possible (or better, most likely) that you will be presented with a firewall warning when you start Connect. Just tell your firewall to allow Connect to talk to other devices.

Aerosoft CONNECT

Flight	Sim running	Pause
NavPln	GROUND VELOCITY	0 Kts
Radio	PLANE ALT ABOVE GROUND	14 Ft
Fuel	PLANE ALTITUDE	38 Ft
Elec	GROUND ALTITUDE	7 Ft
Misc	PLANE LATITUDE	0.64 Radians
Geek	PLANE LONGITUDE	-0.13 Radians
APU	PLANE PITCH DEGREES	0 Radians
Hyd	PLANE BANK DEGREES	0 Radians
Lights	PLANE HEADING DEGREES TRUE	4.88 Radians
Pos	PLANE HEADING DEGREES MAGNETIC	4.94 Radians
Custom	MAGVAR	-3.04 Degrees
How To	INCIDENCE ALPHA	0 Radians
	INCIDENCE BETA	0 Radians
	SURFACE TYPE	Asphalt
	LAST UPDATE	10:36:36

Done