MCP Combo II – Airbus FCU –

Airbus Style Flight control panel



Please read this manual before operating your units and keep it for future reference



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X-Plane (V9 / 32bit only, V10 32bit / 64 bit) Control Assignment

1. Introduction

1.1 General

MCP Combo II - Airbus FCU - features Airbus aircraft panel with full control complement: Default Airbus aircraft (add-on aircraft will be supported continuously, Wilco Airbus Vol 1 / Vol 2). It is completely interface with MSFS9 and MSFSX through add-on software "**VRiSim**" which enables MCP Combo II - Airbus FCU - to perform full simulation with simple USB connection to your computer.

MCP Combo II - Airbus FCU - is comprised of EFIS, MCP & COM part (Instrument Radio) to understand advanced flight controls for beginner and intermediate users starting flight simulation at a first step.

Each part had push buttons, rotary knobs, toggle switches and 2 lines character type LCDs offering actual flight circumstance

1.2 Features

- Airbus shaped configuration
- Integrated unit with full radio stack function : EFIS part, FMCU part, COM part
- SPD, HDG, ALT, V/S, Auto Pilot status display
- COM 1/2, NAV 1/2, ADF, DME 1/2, TRN display
- Full metal enclosure plate and stand
- USB 2.0 compliant connection for control interface
- Power source : D.C 5V
 - D.C 5V adaptor is included in the package.
- Decal buttons
- Day/Night mode select
 - Built in Amber color LEDs for Night mode
- Main power ON/OFF button
- Compatible with Microsoft's Flight Simulator X and 2004 Original Airbus (FSX & 2004)

NOTE : Limited functions are available for Original Airbus

- Compatible with Microsoft Windows XP, Vista and Windows 7
- Size & Weight Width: 50.5cm/19.9" Height: 13cm/5.1" Length: 11.5cm/4.5" Weight: 4Kg
- 1 year warranty



1.3 Display Configurations

MCP Combo II – Airbus FCU - has configuration of Airbus style flight control panel. Its displaying area is divided into 3 windows; FMCU part and Radio part.

- FMCU part displays SPD, HDG, ALT, V/S, Guidance Mode information
- Radio part displays COM 1/2, NAV 1/2, ADF, DME 1/2, TRN information



1.4 Controls

EFIS part



EFIS on FCU Combo/Airbus Style Panel

FMCU part on MCP Combo II – Airbus FCU -



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Radio part



2. Deliverables





1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0
A.BRK	A.BRK DEC	A.BRK RTO	ADF	Alt. Reset	ALT	Alt. Reset	APP	APR	ATHR	A.BRK	A.BRK DEC	A.BRK RTO	ADF	ALT	Alt. Reset	APP	APR	ARPT	ATHR
AUX	BCRS	BRK	CANCEL	CLB	смD A	CMD B	CMD	CMD	CMD C	AUX	BCRS	BRK	CANCEL	CLB	CMD	CMD B	CMD C	CMD L	CMD C
CMD	сом	CON	CRZ	CSTR	cws A	CWS B	CON	DATA	DME	CMD R	сом	CON	CRZ	CSTR	cws A	cws B	CON CRZ	DATA	DME
ENGINE	FLCH	Flap UP	Flap DN	FPV	FPV	G/A	Gear	Gear DN	Gear OFF	ENGINE	FLCH	Flap UP	Flap DN	FPV	FPV	G/A	Gear UP	Gear DN	Gear OFF
HDG	HDG Reset	HDG	ILS	INOP	Light	LNAV	LOC	NAVAID	MTR	HDG HOLD	HDG Reset	HDG SEL	ILS	INOP	Light	LNAV	LOC	NAVAID	MTR
MTR	N1	NAV	NOB	OVHD	Pitot Heat	PDST	POS	ECALL	(PD	MTR	N1	NAV	NOB	OVHD	Pitot Heat	PDST	POS	RECALL	SPD
sq	STA	STATUS	TFR	TERR	TOGA	TO GA	TOGA	TOGA	COGA SET	SQ	STA	STATUS	TFR	TERR	TOGA	TO GA	TOGA CLB	TOGA CLR	TOGA
TRN	V/S	VNAV	VORD	WPT	WXR	Y/D	Zoom	Zoom Out	(#)	TRN	V/S	VNAV	VORD	WPT	WXR	Y/D	Zoom In	Zoom Out	⇔

NOTE : Since decal buttons will not be attached, be sure all necessary decal buttons are in the tray before unpacking.

- 3. Connection
- 3-1. Plug/Connection Diagram



- Power select button is for ON/OFF of LCD display
- USB cable (A to B type) is for interface
 Power cable (D.C 5V) is for power source

4. Software Installation

4-1. FSUIPC installation

NOTE : See the Appendix for FSUIPC part on how to install FUSIPC.

4-2. VRiSim installation

Driver and application software "VRiSim" is installed to make MCP Combo II - Airbus FCU - work in the PC.

VRISIm is application software managing VRInsight's flight simulation hardware panels. Multiple hardware panels can be used with single instance of **VRISIm**. To reduce distributing file size, software installer is supplied as divided package; base-package and device specific module package. The base-package installs only **VRISIm** and **Panel Installer** utility.

Installer executable is divided into **base package** and **device specific modules**. **VRiSim** is included in the base-package setup installer, "Install_VRiSim.exe".

Base-Package Installer:

The base-package installer can be found in the supplied DVD,

\VRiSim\Install_VRiSim.exe

Device Specific Module Package Installer:

The FCU Combo module installer can be found in the supplied DVD, \VRiSim\Install FCU Combo.exe

Or downloaded at VRInsight's web-page, http://www.vrinsight.com/devel_shot

NOTE: See the Appendix for VRiSim part on how to install VRiSim.

4-3. Panel Installer installation

Panel Installer software configures each aircraft to use in MCP Combo II – Airbus FCU -. Once it is done, no additional configuration is required.

NOTE : See the Appendix for Panel Installer on how to configure the aircraft

4-4. FSX Acceleration pack installation

NOTE : Be sure that FSX acceleration pack should be installed for FSX

5. Quick Start

VRiSim is new software developed for interfacing VRinsight's hardware unit to Microsoft's Flight Simulator. After installation of **VRiSim** software, short-cut icons will be created on your desk-top; **VRISim**. **VRISim** is used in replacing with SerialFP2 software for MCP Combo II - Airbus FCU -.



NOTE : Section 4. Software installation should be done.

Step 1. Run Flight Simulator 2004 / Microsoft Flight Simulator X

Run Flight Simulator 2004 / Microsoft Flight Simulator X and select an aircraft. Press "FLY NOW". **NOTE :** Be sure that the selected aircraft should be configured through the **Panel Installer** in advance.

Step 2. Run VRiSim

Double-click "VRiSim" short-cut icon to run. "VRiSim" search all VRinsight hardware units and list up found device(s). Device searching process could be taken several minutes. Following image is showing that two device, MCP Combo II - Airbus FCU - and u-JetPit are found and listed by "VRiSim" software. "VRiSim" manages multiple devices.

VRiSim: 2-	-Devices Found!	×				
	Re-Scan VRi Dev	rice ±				
Main	FCU-Combo/Airbus u-JetPit					
		-				
Select device tab to see more info and test or aircraft selection						
	Run Flight Simulator and Cockpit in Press "Fly now!" when ready					
	(c)2011 VRInsight					
	Release. 2012.02.10					
¥R:	Fly now!	Rj rtual vality				

NOTE : In the VRISim software, FCU-Combo/Airbus means MCP Combo II - Airbus FCU -

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VRiSim: 2	Devices Found!							
Main	FCU-Combo/Airbus u-JetPit	Re-Scan VRi Device 🛨						
	Select device tab to see more info and test or aircraft selection							
	Run Flight Simulator and Cockpit in Press "Fly now!" when ready							
J	(c)2011 VRInsigh Release. 2012.02.	nt 10						
¥Ri,	Fly now!	Virtual Virtual						

NOTE : Even if your MCP Combo II – Airbus FCU – is connected to your computer and **VRiSim** does not find it, press in order to find all VRinsight hardware units again.

Step 2. Select Aircraft

Open device's tab to select "Aircraft".

VRiSim: 2-Devices Found!	
	Re-Scan VRi Device 🛨
Main FCU-Combo/Airbus u-JetPit	
Port: COM3 Type: MCP2A	Version: 1.100
Wilco Airbus Series(FSX)	•
🗹 Use this device 🛛 🗆 Wait for N	MSFS Loading
🗆 for Non-MSFS 🛛 🖻 Open Cor	nfig Dialog
Test & Debug	
Read 🗆 Write 🗆	Т
Fly now!	

Step 3. Fly Now!

As the aircrafts are specified to fly with VRi's unit, press "Fly Now!" button. **NOTE :** Remember that Flight Simulator should be running and you are in-cockpit before pressing this button. Otherwise, you will see following message.

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VRiSim: 2	Devices Found!	X
Main	Re-Scan FCU-Combo/Airbus u-JetPit	VRi Device +
	Flight Simulator is NOT running	
	Run Flight Simulator and Cockpit in Press "Fly now!" when ready	
,	(c)2011 VRInsight Release. 2012.02.10	
VRE:	Fly now!	Xirtual Keality

Appendix

FSUIPC VRiSim Panel Installer Wilco Airbus Vol 1/ Vol 2

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FSUIPC

1. FSUIPC Installation

FSUIPC is add-on module for Microsoft's FlightSimulator. VRInsight's hardware panel interacts with FlightSimulator via **FSUIPC**. **VRISim** is bridging VRInsight's hardware panel and FlightSimulator via **FSUIPC**. Actually **FSUIPC** is pay-ware. **VRISim** is working with unregistered version of **FSUIPC** under the API level usage agreement with Pete Dowson. You have the option to pay for additional features in **FSUIPC**.

Step 1. Getting latest FSUIPC

To download latest version of **FSUIPC**, visit Pete Dowson's web-page,

http://www.schiratti.com/dowson.html

Web browser will be directed to **FSUIPC** download page, if "Visit Pete Dowson's PSUIPC page" is checked.

🕼 🖓 😋 📼 🔣 ktp://www.schrietti.com/dowson.html	P -
File Edit View Favorites Tools Help	
👷 Favorites 😥 🔹 🍘 http://webmail.vrinsight.com 🖳 The Official Peter Dowso 🗙	s • 🔞 • »
schiratti.com	, * 85
peter dowson Last Updated: May 09, 2011 12:37 Romance Daylight Time	
Peter Dowson's Support Forum [Please use this to contact Peter] project magenta I had been searching for a link to Peter's WideFS following a request, and I had some trouble finding the newest postable version of his software. Ok. I could	
COCKpit have easily found to no Compuserve, but it should be easily found on the Internet Microsoft as well. We use Peter's programs and documentation guite extensively with Project Magenta, it was and is most valuable to us.	e
aviation humour FSX	
enrico schiratti MEW Full release of FSUDC 4 (incorporating WidefS 7) for use with FSX April 15th 2011 (5.3 MB)	
Ads by Google FSUIPC4 4.70 (b) replaced with (b) version for Prepar3D changes	
FSX Alrcraft WideServer7 is built into FSUIPC4, you will Flight Simulator need the WideClient from the WideFS link Addon for FSX below.	
WideFS 6.86 IEW The WideClient.exe included in this zip is to be used with the WideServer7 module which is included with FSUIPC4 from now on. April 11th 2011	
To register/buy FSUIPC or WideFS for FSX, ESP and Prepar3D please go to simMarket:	
🔊 👘 🚱 Internet Protected Mode: Off	100% • //

Step 2. Download FSUIPC

Click right-mouse button to FSUIPC4 download link and select "Save Target-As..."

FSX				
		NEW Full rele WideFS 7) fo MB)	ase of FSUIPC 4 (incorporating r use with FSX April 15th 2011 (5.3	
FSUIPC4 4	. 70 (b) Open	replaced with	(b) version for Prepar3D changes	
	Open in New Tab		is built into FSUIPC4, you will	
	Open in New Win	idow	eClient from the WideFS link	
	Save Target As			
	Print Target		leClient.exe included in this zip is	
WideFS 6. Cut			h the WideServer7 module which h FSUIPC4 from now on. April 11th	

Specify a folder where the FSUIPC4.zip is saved (i.e. "Download"),



It'll take several minutes depending on internet connection.

Peter Dowson's Support Forum [Please use this to contact Peter]						
i had been searching for a link to Peter's WideFS following a request, and I had some trouble finding the newest postable version of his software. Ok, I could						
have easily found it on Compu as well. We use Peter's progr Project Magenta, it was and is	serve, ams ar s most	23% of FSUIPC4.zip from fsuipc.simflight.com Completed				
FSX						
	NEW Wide MB)	FSUIPC4.zip from fsuipc.simflight.com Estimated time left: 2 min 12 sec (1.22MB of 5.51MB copied) Download to: C:\#Users\#goodkook\#Dow\#FSUIPC4.zip				
FSUIPC4 4.70 (b)	repla	✓ Close this dialog box when download completes				
	Wide need belov	Open Open Folder Cancel				
WideFS 6.86	NEW to be is inc 2011	SmartScreen Filter checked this download and did not report any threats. <u>Report an unsafe download.</u>				

Step 3. Run FSUIPC Installer

Extract downloaded zip archive "FSUIPC4.zip" and run installer file; "Install FSUIPC4"



Installation success message will be shown as follows;

Installer for FSUIPC4	
Save as	
Looking in "C:#Users#Default User#AppData#Roaming"	
No FSX.CFG there	
Looking in "C:#Users#goodkook#AppData#Roaming"	
Found FSX.CFG in "C:#Users#goodkook#AppData#Roaming#Microsoft#FSX#FSX.CFG"	
Now checking DLL.XML	
There is a previous DLL.XML, checking for FSUIPC4 section.	
FSUIPC4 section already exists but will be replaced.	
FSUIPC4 section of DLL.XML written okay	
Now checking for a SimConnect.XML file	
No SimConnect.XML file found. This is ESUPEA Installer for ESX & ESP	
Looking in "CHUsers#Public#AppData#	
No FSX.CFG there	
Looking in "C:#Users#UpdatusUser#Ap FSUPC4.DLL version 4.742	
In the detail of the first sector of the sec	
Mouneswr Solre Documents Tolder al Please see the "FSUIPC4 User Guide"	
Installing additional messing of the file. It is in the FSXWModules folder.	
Installed "FSUIPCA for Advanced User	
Installed "FSUIPCA History add" akay	
Installed 'I ist of FSX controls.odf' oka	
Installed "GlobalSign Boot.exe" okay	
Installed "FSUIPC Lua Library.pdf" okay	
Installed "FSUIPC Lua Plug-Ins.pdf" okay	
Installed "Lua License.pdf" okay	
Installed "Lua Plugins for VRInsight Devices.pdf" okay	
Installed "LuaFileSystem.pdf" okay	
Installed "Example LUA plugins.zip" okay	
4	• //

Finally it'll be prompted for registration of **FSUIPC**4. Registration code can be entered by pressing "OK" button. Or, select "Cancel" to continue using **FSUIPC** as unregistered. **VRISIm** is working with **FSUIPC** as un-registered version of **FSUIPC** at API-level.

Installer for FSUIPC4		_O×
Save as	Luill be replaced	
	n okay	
REGISTRATION OF PSUPC4 / WIDEPS/	ile	
or press CANCEL for no registration.	s is okay. a#Boaming"	
	umouning	
FSUIPC4 O WideFS7 O Both	AppData#Roaming"	
C Delete previous registrations	already exists.	
C Check existing registration(s)	"Modules#FSUIPC Documents" folder:	
	okay ers pdf' okay	
 Just enter new registration(s) 	y	
Cancel OK	ikay	
	y okav	
Installed "FSUIPC Lua Plug-Ins.pdf	" okáy	
Installed "Lua License.pdf" okay	t Devices off skew	
Installed "LuaFileSystem.pdf" okay	r Devices.pur ukay	
Installed "Example LUA plugins.zip	o" okay	
FSUIPC4.DLL installed and signature	checked out okay!	
All installer tasks completed.		Ţ
•		• //.

How to know installed FSUIPC version?

FSUIPC is installed in "Modules" folder under MSFS is installed. Full path string would be as follows, if it was standard installation;

FS 2004:

"C:\Program Files\Microsoft Games\Flight Simulator 9\Modules"

FSX:

"C:\Program Files\Microsoft Games\Flight Simulator X\Modules"

FSUIPC file could be installed without knowing, when you installed add-on aircraft. Verifying installed **FSUIPC**'s version is highly recommended. Major version number of

Copyright ©2012 **VRin/ight** www.vrinsight.com **FSUIPC** represents which MSFS is for. FSUIPC 3.xx is for FS 2004. FSUIPC 4 is for FSX. To check the version of installed **FSUIPC**, see relevant number in the screen shot images. Find file "FSUIP.dll" in the "MSFS' "Modules" folder (1) and see version information of the file properties (2).

Following screen shot image is taken in Windows XP and FS 2004. **FSUIPC**'s version number should be 3.7 or above.



FSUIPC for FS 2004, can be re-installed easily. Download the latest version of **FSUIPC** 3.XX at Peter Dowson's official home page. Extract "FSUIPC.dll" in the downloaded zip archive and copy into the "Modules" folder (or replace with, if it's exists).

Following screen shot image is taken in Windows 7(Vista) and FSX. **FSUIPC**'s version number should be 4.7 or above.



Installation procedure of FSUIPC4 is a bit different from version 3. It is installing executable. Download latest version of FSUIPC 4 at Peter Dowson's official home page. Extract "Install FSUIPC4.exe" in the downloaded zip archive and run it. Installation procedure will be preceded with finding FSX path and coping "FSUIPC4.dll". Finally, it'll be prompted for registration code input. Then, press "Cancel" button.

VRiSim

1. Introduction

VRISIm is application software managing VRInsight's flight simulation hardware panels. **VRISIm** can be used in replacement of SerialFP2. Multiple hardware panels can be used with single instance of **VRISIm**.

To reduce distributing file size, software installer is supplied as divided package; basepackage and device specific module package. The base-package installs only **VRiSim** and **Panel Installer** utility.

VRiSim is applicable for Microsoft's Flight Simulator.

2. VRiSim Installation

Installer executable is divided into base package and device specific modules. **VRiSim** is included in the base-package setup installer, "Install_VRiSim.exe".

The base-package installer can be found in the supplied DVD,

\VRiSim\Install_VRiSim.exe

Or downloaded at VRInsight's web-page, http://www.vrinsight.com/devel_shot

Step 1. Run Base-Package Installer

Run base-package installer "Install_VRiSim.exe" by double clicking.



Install_VRiSim.exe

Press Next button on VRiSim setup wizard window



Step 2. License Agreement

Read License Agreement and check "Accept agreement" radio button. Then press "Next" button to precede installation.

YRi Setup - YRiSim	
License Agreement Please read the following important information before continuing.	
Please read the following License Agreement. You must accept the terms of this agreement before continuing with the installation.	
SerialFP2 License	
Except where otherwise noted, all of the documentation and software included in the Inno Setup package is copyrighted by VRinsight.	
Copyright (C) 2008 VRinsight. All rights reserved.	
This software is provided "as-is," without any express or implied warranty. In no event shall the author be held liable for any damages arising from the use of this software.	•
I accept the agreement	
C I do not accept the agreement	
< Back Next >	Cancel

Step 3. Select Destination Location

Keeping default destination location of installed folder is highly recommended. Press "Next" button.

VRi Setup - YRiSim	
Select Destination Location Where should VRISim be installed?	
Setup will install VRISim into the following folder.	
To continue, click Next. If you would like to select a different folder, click Browse.	
C:\Program Files (x86)\VRInsight Browse	
At least 11.4 MB of free disk space is required.	
< Back Next > Cancel	

Step 4. Select Menu Folder

Select Menu folder name as default "VRInsight" and press "Next" button.

VRi Setup - VRiSim
Select Start Menu Folder Where should Setup place the program's shortcuts?
Setup will create the program's shortcuts in the following Start Menu folder.
To continue, click Next. If you would like to select a different folder, click Browse.
VRInsight Browse
<back next=""> Cancel</back>

Step 5. Create a desk-top icon

Check "Create a desk-top icon". **VRiSim** icon will be created after installation. Press "Next".

VRi Setup - VRiSim
Select Additional Tasks Which additional tasks should be performed?
Select the additional tasks you would like Setup to perform while installing VRISim, then click Next.
Additional icons:
Create a desktop icon
< Back Next > Cancel

Step 6. Ready to install

Now ready to install VRiSim. Review installation setting and press "Install" button.

VR <mark>i</mark> Setup - YRiSim
Ready to Install Setup is now ready to begin installing VRISIm on your computer.
Click Install to continue with the installation, or click Back if you want to review or change any settings.
Destination location: C: \Program Files (x86) \VRInsight
Start Menu folder: VRInsight
Additional tasks: Additional icons: Create a desktop icon
ب ۲
< Back Install Cancel

Step 7. Installing

Files are extracted and copied into destination folder during installing step. Animated bar-graph is showing installing process.

VRi Setup - VRiSim	
Installing Please wait while Setup installs VRiSim on your computer.	
Extracting files C:\Program Files (x86)\VRInsight\Drivers\CDM20814_Setup.exe	
	Cancel

Step 8. Information

Read this information of sales and tech-support e-mail address, VRinsight's website. Press "Next" button.

YRi Setup - YRiSim	
Information Please read the following important information before continuing.	
When you are ready to continue with Setup, click Next.	
SerialFP2:Flight Simulation Cockpit Panel	-
VRinsight for your dream supplier! Contact <u>http://www.VRinsight.com</u> Sales Support: sales@vrinsight.com Tech Support: tech@vrinsight.com Tel: +82-31-284-7090	
HISTORY	
Release Sep.,18,2010 - New Serial port driver from FTDI Chips, CDM 2.08.02 - "PCT", Prop-Cockpit-Trainer software, * Speed-Up response time * Exces irregular reactions of yoke and flaps	•
Next >	

Step 9. Install USB-Serial Driver

VRInsight's flight panel is connected to PC's USB port and communicated via serial port. By check "Install USB-Serial Driver", the driver software will be installed automatically at the finishing phase of installation procedure. The USB-Serial Driver can be installed separately to the **VRISIM** installation. Optionally, visit Pete Dowson's web page to get latest version of **FSUIPC** modules.

VRi Setup - VRiSim		
	Completing the VRiSim Setup Wizard	
	Setup has finished installing VRISIm on your computer. The application may be launched by selecting the installed icons.	
	Click Finish to exit Setup.	
	☑ Install USB-Serial Driver	
	☑ Visit Pete Dowson's FSUIPC Page	
	< Back Finish	

NOTE: Install device specific module

The base-package installer only installs basic utilities; "VRiSim" and "Panel Installer". Additionally device specific module must be installed. These installers are found in the supplied DVD under the folder named "\VRiSim". Or downloaded at VRInsight's web-page, <u>http://www.vrinsight.com/devel_shot</u>

3. FCU Combo module Installation

FCU Combo module is included in the "Install_FCU_Combo.exe".

The base-package installer can be found in the supplied DVD, \VRiSim\Install_FCU_Combo.exe

Or downloaded at VRInsight's web-page, http://www.vrinsight.com/devel_shot

Step 1. Run FCU Combo Installer



Run "Install_FCU_Combo.exe"

Press Next button on VRiSim/FCU Combo setup wizard window



Step 2. License Agreement

Read License Agreement and check "Accept agreement" radio button. Then press "Next" button to precede installation.



Step 3. Select Destination Location

Keeping default destination location of installed folder is highly recommended. Press "Next" button.

R Setup - VRiSim/FCU Combo	
Select Destination Location Where should VRISim/FCU Combo be installed?	
Setup will install VRiSim/FCU Combo into the following folder.	
To continue, click Next. If you would like to select a different folder, click	Browse.
C:\Program Files (x86)\VRInsight	Browse
At least 5.6 MB of free disk space is required.	
< Back Next >	Cancel

Step 4. Select Menu Folder

Select Menu folder name as default "VRInsight" and press "Next" button.

TRi Setup - VRiSim/FCU Combo	
Select Start Menu Folder Where should Setup place the program's shortcuts?	
Setup will create the program's shortcuts in the following Start	Menu folder.
VRInsight	Browse
< Back Next >	Cancel
< Back Next >	Cancel

Step 5. Ready to Install

Now ready to install FCU Combo module. Review installation setting and press "Install" button.

🚻 Setup - VRiSim/FCU Combo	
Ready to Install Setup is now ready to begin installing VRISim/FCU Combo on your computer.	
Click Install to continue with the installation, or click Back if you want to review change any settings.	/ or
Destination location: C:₩Program Files (x86)₩VRInsight Start Menu folder: VRInsight	*
<	*
< Back Install	Cancel

Step 6. Installing

Files are extracted and copied into destination folder during installing step. Animated bargraph is showing installing process.

IRi Setup - VRiSim/FCU Combo	
Installing Please wait while Setup installs VRISim/FCU Combo on your computer.	
Extracting files C:\\WWilco_Airbus_Evo\VRi_Module\FSX\Addon Modules\VRi_Reg	gister.exe
	Cancel

Step 7. Information

Read this information of sales and tech-support e-mail address, VRinsight's web-site. Press "Next" button.

IRi Setup - VRiSim/FCU Combo	x
Information Please read the following important information before continuing.	
When you are ready to continue with Setup, click Next.	
VRiSim:Flight Simulation Cockpit Panel	
VRinsight for your dream supplier! http://www.VRinsight.com	
Download latest version: http://www.VRinsight.com/devel_shot	
Contact Sales Support: sales@vrinsight.com Tech Support: tech@vrinsight.com Tel: +82-31-284-7090	
Next >	

Step 8. Complete FCU Combo module setup

FCU Combo module setup is done. Optionally, run "**Panel Installer**" to configure the aircraft and register Wilco Airbus (FSX only)

Ri Setup - VRiSim/FCU Comb	
	Completing the VRISim/FCU Combo Setup Wizard Setup has finished installing VRISim/FCU Combo on your computer. The application may be launched by selecting the installed icons. Click Finish to exit Setup. Icick Finish to exit Setup. Icick Finish to exit Setup. Run Panel Installer Register Wilco Airbus(FSX only)
	< Back Finish

4. Connecting VRInsight's Flight Panel/Re-install driver software

Plug MCP Combo II – Airbus FCU - USB connector into PC's USB port. As new device is connected to PC, it'll try to install device driver software.



Already the driver software was installed during **VRiSim** software installation, the new device is recognized as "USB Serial Port(COMx)". Following picture is an example of success message for the new VRinsight's flight panel hardware that is recognized as COM3.

USB Serial Port(COM3) Device driver software installed successfully.	
🗈 C:\Us] K0 🌍 A 漢 😢 🕄 🍐 Ρ 🖫	🕩 4:55 PM 📃

When it fail to install driver software, re-install driver software.



USB-Serial port driver software can be re-installed separately to the **VRiSim** software installation. Driver installer can be found where the **VRiSim** is installed (i.e. C:\Program Files (x86)\VRInsight\Drivers). It is "CDM20XXX_Setup.exe" named with software version.



Re-installation of USB-Serial driver is simply to run this installer. Disconnect all VRInsight's flight panel from the PC before running the driver software installer. Temporarily a window is prompted showing "Installing driver......" and ended with completion message. This prompted window will be closed as its completion.

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As the driver software installation is done, connect VRinsight's panel to PC's USB port. The VRi panel will be recognized successfully as Serial Port(COMx). Serial port's COM number would be varied to the PC's hardware configurations. Recognized serial port and its COM number for the panel can be confirmed via "Device Manager".

And the second s
File Action View Help
(= -> T 🗒 🛛 T 🔍 🗎 🙀 🖏
🖃 🛁 goodkook-PC
📺 📲 Computer
😟 💼 Disk drives
🔃 📲 Display adapters
🕀 🏭 DVD/CD-ROM drives
🕀 🕼 Human Interface Devices
🗄 🥁 IDE ATA/ATAPI controllers
IEEE 1394 Bus host controllers
Imaging devices
H. — Keyboards
Mice and other pointing devices
Dente (COM 0, LDT)
LISE Sevial Devt/COM2)

When it's listed as unknown device or exclamation mark on the USB serial port device, reinstall the driver software.

5. Run VRiSim Software

VRiSim is managing software for VRinsight's Flight panel application. It interfaces between flight panel hardware and Microsoft's Flight Simulator.

Run VRiSim by double-clicking the icon on desk-top.



Multiple VRi's flight panel hardware can be managed with single **VRiSim** instance. When **VRiSim** is launched for the first time, it tries to find all VRinsight's devices connected. Searching procedure could take several minutes.

Searching VRi Devices

Following message would be displayed as any device is found and connected successfully,

VRi Device Found:FCU Combo/Airbus

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VRin/ight MCP Combo II – Airbus FCU -

Following picture is showing 2 devices, MCP Combo II – Airbus FCU - and u-JetPit are found and connected to **VRiSim**. Each device is listed as separated tab.

VRiSim: 2-	-Devices Found!	
	Re-Scan VRi	Device +
Main	FCU-Combo/Airbus u-JetPit	
	Colort device tak to and move info and test	
	or aircraft selection	
	Run Flight Simulator and Cockpit in Press "Fly now!" when ready	
,	(c)2011 VRInsight	
	Release. 2012.02.10	
¥Ri,	Fly now!	Virtual Reality

By clicking device tab, VRi Flight Panel's connected information can be checked.

VRiSim: 2-D	Devices Found!		
Main	FCU-Combo	o/Airbus u-JetPit	Re-Scan VRi Device <u>+</u>
Port:	COM3	Type: MCP2A	Version: 1.100
Selec	ct Aircraft		•
⊠ Use ⊺Test	e this device : & Debug—	e 🗆 Out of MSF	FS □ Retry for MSFS
Rea	ad 🗆	Write 🗆	T
¥Ri _{im}		Fly now!	Xitthe

When any of devices that is already connected to PC's USB port and is not listed with device tab, try re-scan VRi device. This re-scan procedure would take several minutes. Found and connected device list will be saved for the next flight.

VRISIm: 2-Devices Found!	
	Re-Scan VRi Device +

The base-package installer has only **VRiSim**. If additional device specific module is NOT installed, aircraft selection box will be blanked as showing message "NO AIRCRAFT LISTED".

,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1	
NO AIRCRAFT LISTED		•

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Additionally device specific module should be installed. Then, supported aircrafts are listed in the aircraft selection box. Device specific module installer is supplied with DVD or can be downloaded at the VRInsight's web-page.

Drop down aircraft selection box to select an aircraft to fly with a flight panel listed.

Port: COM3	Type: MCP2A	Version: 1.100
Select Aircraft		•
Microsoft Origina Wilco Airbus Seri Wilco Airbus Seri PMDG B737NGX iFly B737NG (FSS	II A321(FSX) ies(FSX) ies(FS9) (FSX) 9/FSX)	

Aircraft must be selected in the each device tab. Then, press "Fly now!" button. When aircraft is NOT selected for the device, following message is displayed in the Main tab. Once aircraft is selected, selection is saved for the next flight.



Microsoft's Flight Simulator must be running before pressing **VRiSim**'s "Fly Now!" button. Otherwise, following message will be displayed in the Main tab.

VRin/ight MCP Combo II – Airbus FCU -

V2 VRi	ISIm: 2-Devices Found!
M	Re-Scan VRi Device ±
	Flight Simulator is NOT running
	Run Flight Simulator and Cockpit in Press "Fly now!" when ready
	(c)2011 VRInsight
	Release. 2012.02.10
Vr.	Fly now!

To exclude a device to fly with the aircraft, un-check the box titled "Use this device" in the device tab. This box is un-checked if device specific module software is not installed and no aircrafts are listed.

Use this device

By checking and/or un-checking the boxes in the "Test & Debug", commands and messages between **VRiSim** software and the panel hardware are monitored as debugging purpose. To do this, fly a configured aircraft by the **Panel Installer** in "Flight Simulator 2004" / "Microsoft Flight Simulator X" and run **VRiSim**.

VRiSim: 2-I	Devices Found!			
				Re-Scan VRi Device 🛨
Main	FCU-Comb	o/Airbus	u-JetPit	
Port:	COM3	Type:	MCP2A	Version: 1.100
Wilco	o Airbus Se	ries(FSX))	,
🗵 Us	e this devic	e 🗆	Out of MSF	S 🗆 Retry for MSFS
Test	& Debug-			
Rea	ad 🖻 🔽 FCUAL	T +	Write 🖻 🛛	LT011 T
¥Ri _{sin}			Fly now!	Virtual Virtual Keality

Panel Installer

1. What is "Panel Installer"

To make VRi's flight panel work with MSFS aircrafts, aircraft's panel configuration file, *panel.cfg*, and related initialization file, **.ini*, need to be modified. When this process is not done properly, MCP Combo II - Airbus FCU - will not work. "**Panel Installer**" does this modification properly.

With **Panel Installer**, when you select proper path, product, aircraft, this process will be a piece of cake.

VRinsight's Panel/Aircraft Setup for FSX
1:MSFS-Root Path C:₩Program Files (x86)₩Microsoft Games ₩Microsoft Flight Simulator : Browse
2:VRinsight Panel 3:Aircraft 4:Run FCU Comb Wilco Airbus Series(F3X) Install
Panel Installation for the aircraft Success 5 See folder where the aircraft is installed
ОК

- 1. **MSFS-Root Path:** Browse the path where "Flight Simulator 2004" or "Microsoft Flight Simulator X" is installed.
- If "Flight Simulator 2004" or "Microsoft Flight Simulator X" is installed other "Drive" or "Directory", find the path and click "OK".
- If you select a wrong path, "Status" window displays error message.

VRinsight's Panel/Aircraft Setup-MSFS NOT Found				
C:₩Program Files (x86)₩Microsoft Games₩Microsoft Flight Simulator : Browse				
2:VRinsight Panel 3:Aircraft 4:Run Select Panel Vilco Airbus Series(FSX) Install				
MSFS Folder NOT Found				
Please specify MSFS Install Folder				
ОК				

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NOTE : Even if the default **MSFS-Root Path** of the **Panel Installer** shows the same folder as your, press **Browse** and press "**OK**".

Browse for MSFS Root Path
Categories

- 2. VRinsight panel: Select FCU Combo.
- 3. Aircraft: Select your aircraft.
- 4. Run: Copy & paste all necessary panel data to work MCP Combo II Airbus FCU automatically.
- 5. Status: Inform current status.

2. How to start "Panel Installer"

Run "Panel Installer" that can be found in the program group "VRInsight".

- A. Go to Windows "Start"
- B. Find program group "VRinsight"
- C. Click "Panel Installer"

IMPORTANT NOTE: "Run As Administrator"

Windows 7 and Vista has more intensive security policy for system safety from accidental corruption of system files. A user can't access system folder (i.e. "Program Files", "Windows") for reading and writing, even if he/she has administrator's privilege. To access these folders, he/she must be "Administrator".

"**Panel Installer**" or "**VRiSim**" try to access system folder to know where FSX/FS 2004 is installed. But it could be blocked if it's not "Run As Administrator". So, please do as following procedure to run software,

- (1) Go to "Start" and find program group "VRInsight"
- (2) Place mouse pointer upon "Panel Installer"
- (3) Click right mouse button
- (4) Click "Run As Administrator"



VRin/ight MCP Combo II – Airbus FCU -

Panel Installer Panel Installer Wei Uninstall CDU-II N Wei Uninstall FCU Con Wei Uninstall GPS-5 M Run as administrator Pin to Start Menu Add to Quick Launch Pin to Start Menu Add to Quick Launch Wei Uninstall MCP-II C Wei Uninstall Prop Cor Wei Uninstall Prop Cor Wei Uninstall Radio-St Uninstall Radio-St Wei Uninstall V737_OV Wei Uninstall V737_OV Wei Uninstall VRISIM Copy Create Shortcut Delete Rename CDU-II FCU Combo GPS-5 JetPit MCP_Combo Help and Support	🖟 VRInsight	
Image: Second Previous Versions Image: Second Previous Versions <td>YR Panel Installer VR Uninstall CDU-II N UNINSTALL FCU Con VR UNINSTALL GPS-5 M VR</td> <td>Open Operfile Setion Run as administrator Pin to Start Menu Add to Quick Launch</td>	YR Panel Installer VR Uninstall CDU-II N UNINSTALL FCU Con VR UNINSTALL GPS-5 M VR	Open Operfile Setion Run as administrator Pin to Start Menu Add to Quick Launch
FCU Combo Properties GPS-5 Default Programs MCP_Combo Help and Support	Imital Uninstall M-Panel Imital Uninstall Prop Cor Imital Uninstall ProPit M Imital Uninstall Radio-St Imital Uninstall V737_OV Imital Uninstall V737_OV Imital Uninstall VRISIM Imital VRISIM Imital VRISIM Imital VRISIM Imital VRISIM Imital VRISIM Imital VRISIM	Restore previous versions Send To Cut Copy Create Shortcut Delete Rename
Search programs and files <i>P</i> Shut down <i>D</i>	 FCU Combo GPS-5 JetPit MCP_Combo Search programs and file 	Properties ers Default Programs Help and Support Shut down

You'll see a **UAC** message if you try to "run as administrator". Press "Yes" to allow the software running.



Want to know more about UAC (User Account Control)? http://en.wikipedia.org/wiki/User Account Control

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Wilco Airbus EVO Vol 1 / Vol 2

To use Wilco Airbus Vol 1 / Vol 2 with MCP Combo II – Airbus \overline{FCU} -, carefully follow the installation & register procedure offered by Wilco

VRInsight module for Wilco Airbus Series

The **Vri_Airbus** module provides access to all the Wilco Airbus FCU/EFIS information through FSUIPC offsets. This module works for FS2004 and FSX. This module requires FSUIPC software from Pete Dowson.

Installation

This module is a DLL file with 2 versions: for FS2004 and for FSX. The installation is slightly different on FS2004 and on FSX.

In **FS2004**, installation is very easy: you just have to copy this file into the 'Modules' folder and it is enough. It will be loaded by FS2004 next time it starts.

In **FSX**, it is a bit more complex. You can copy this file wherever you want (I suggest the creation of a 'Addon Modules' folder) and this DLL file must be referenced in a XML file called 'dll.xml'. This file is located in the FSX application folder.

In order to reference the VRi_Airbus module located in 'Addon Modules' folder, the following section must be added in the dll.xml file:

<Launch.Addon>

<Name>VRi_Airbus</Name>

<Disabled>False</Disabled>

<ManualLoad>False</ManualLoad>

<Path>Addon Modules\VRi_Airbus.dll</Path>

<DIIStartName>module_init</DIIStartName>

<DIIStopName>module_deinit</DIIStopName>

</Launch.Addon>

A small registering application called 'VRi_Register.exe' is provided with the VRi_Airbus module to do this. It locates and updates the dll.xml file to add this section automatically.

For Flight Simulator 2004 users : After installation of VRiSim, you can find VRi_Airbus.dll

. (C:) Program Files (x86) VF	RInsight ► FCU_Combo	▶ Aircraft ▶ Wilco_Airb	us_Evo 🕨 VRi_Module	e ▶ fs9 ▶ Modules	
공유 대상 ▼ 굽기 새 폴더					
	이름	^	수정한 날짜	유형	크기
	VRi_Airbus		2011-04-21 오전	DLL 파일	72KB

Copy "VRI_Airbus.dll" and paste it to C\Program Files (x86)\Microsoft Games\Flight Simulator 2004\Module

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🚾 Setup - VRiSim/FCU Combo				
	Completing the VRiSim/FCU Combo Setup Wizard			
	Setup has finished installing VRISim/FCU Combo on your computer. The application may be launched by selecting the installed icons.			
	Click Finish to exit Setup.			
	Register Wilco Airbus(FSX only)			
< Back Finish				
hen you will see below message window. Please click "OK".				
VRi Register				
This application registers the VRInsight module for FSX. When it is done, you do not need to run this program again. Press OK to proceed.				
ОК				

NOTE : To use Wilco "**VRi_Airbus**" module, we recommend to install the latest version of **FSUIPC.** (<u>http://www.schiratti.com/dowson.html</u>)

Thank you the SDK of Wilco Airbus Vol 1 / Vol 2 !!!

X-Plane (v9 / 32bit only & v10 32 bit / 64 bit)

To use your MCP Combo II - Airbus FCU - with X-Plane v9 /v10, you need to follow the below instruction

1. Visit the below web-site and download XPUIPC which supports X-Plane v9 (32 bit only) & for X-Plane v10 (32 bit & 63 bit)

http://www.tosi-online.de/XPUIPC/XPUIPC.html

2. Follow the instruction included in readme.txt file in order to install XPUIPC to X-Plane.

3. Run X-Plane

4. Run VRiSim. Go to the FCU-Combo/Airbus tab and select "X-Plane Original Aircraft (XPUIPC)I" in the "Select Aircraft" list.

Control Assignment











FCU-Combo II





InHg / hPA

BARO +/-BARO STD(push)

F-Activate

DME

NAV

APP

VNAV

FLCH

VORLOC

LNAV

VOR1/OFF/ADF1 VOR2/OFF/ADF2

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