Before installing our panels and driver, please make sure that JeeHell itself is properly configured and working

Most of the Computers has not built-in drivers for FTDI chip, which is the „heart" of most of our panels. If our panels, after connecting to the computer by USB, reports installing error - you have to **unplug the device**, download this file: http://www.ftdichip.com/Drivers/CDM/CDM20814_Setup.exe, install it and restart the operating system.

It has to be done only for the first panel, all other will use the same FTDI driver (only Autobrake panel and panels next to PFD need NuvotonCDC driver).

Ensure that all Panels are properly connected (USB and Power Supply)

FSCockpit JH driver is now packed to one installer file and this manual

FSCockpit JH driver consists 8 files:
fscockpitClient.exe - this is the user interface window
fscockpit_JH.dll - this is the main part of or driver, it is responsible for JH connection
FTD2xx_NET.dll - this file is to let our client connect to the modules
Fscockpit_JH.ini - in this file server IP and port no. for .dll are stored
FSCockpit JeeHell driver Manual eng.pdf – this manual
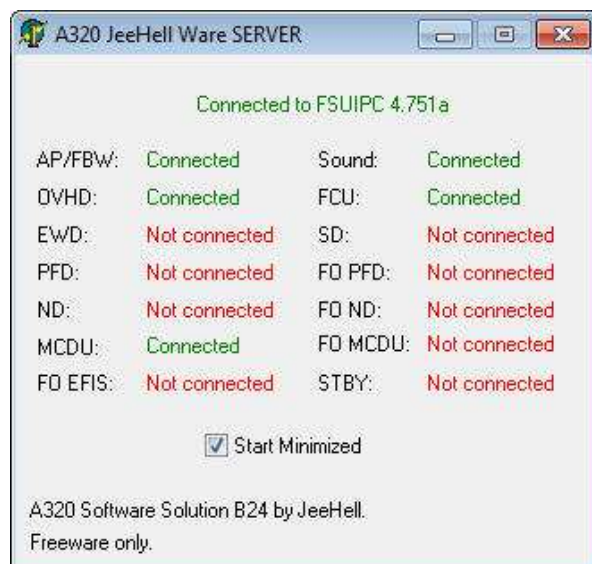autoconnect.bat – batch file to run fscockpitClient.exe in autoconnect mode
fscockpit.ini - in this file all setting are stored (panel serial numbers, IP number and backlight presets)
NuvotonCDC.inf – this is the driver for Autobrake panel and panels next to PFD.

BEFORE FIRST RUN of the fscockpitClient.exe

1.Run **FSCockpit Installer** and point the *JeeHell Ware Hardware Modules* Folder (by default it is **C:/A320FMGS/Hardware Modules**)

2. Start Flight Simulator then JeeHell, at least **FMGS Server**, **OVHD**, **FSUIPC Connect** and **HardwareConnect** modules must be working.

3. Please check the FMGS Server window if all running JH modules are connected to FMGS Sever. It should look similar to this:
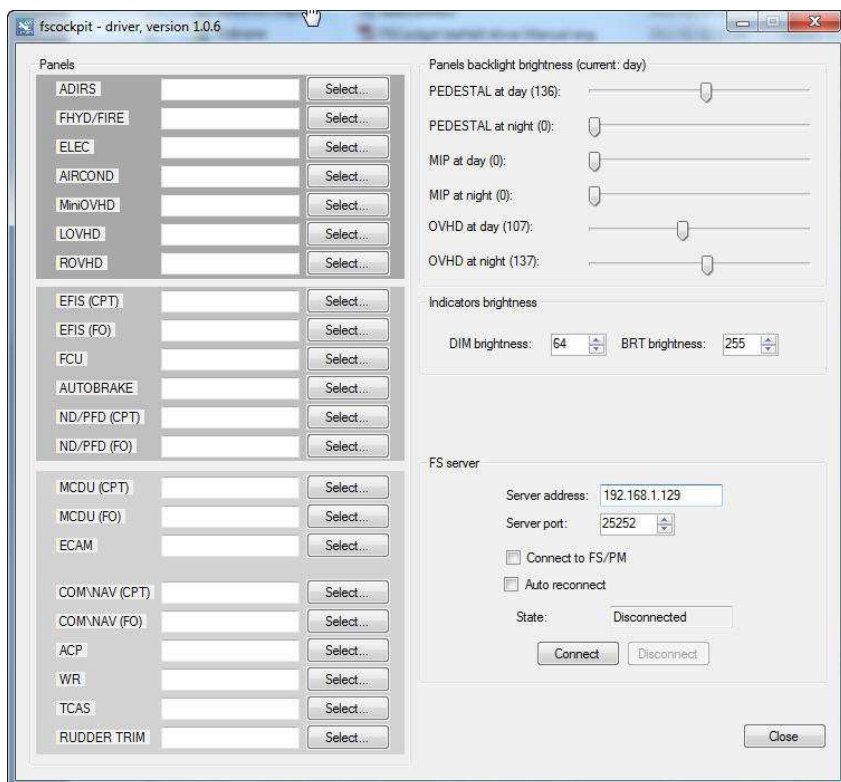
CONFIGURATION:

It is Assumed only for this Manual that Computer running FMGS Server has IP no. **192.168.1.129**

First edit (with Notepad) fscockpit_JH.ini and enter the IP number of Computer running FMGS Server module.

Now please run fscockpitClient.exe file
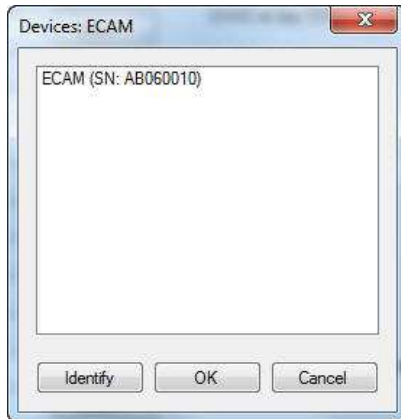
The window should look as follows:

Please check the IP no. of Your Computer and enter this number in **Server address** field

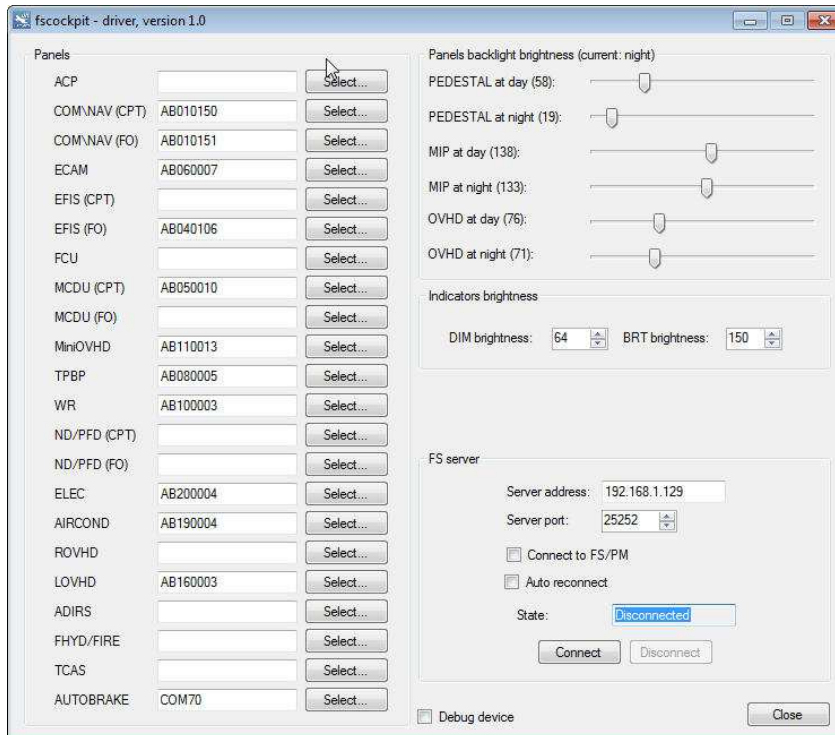IMPORTANT – it has to be the same number You entered in fscockpit_JH.ini file

Do not change the server port.

Select all connected Panels , by clicking 'Select' buttons a popup window will appear:
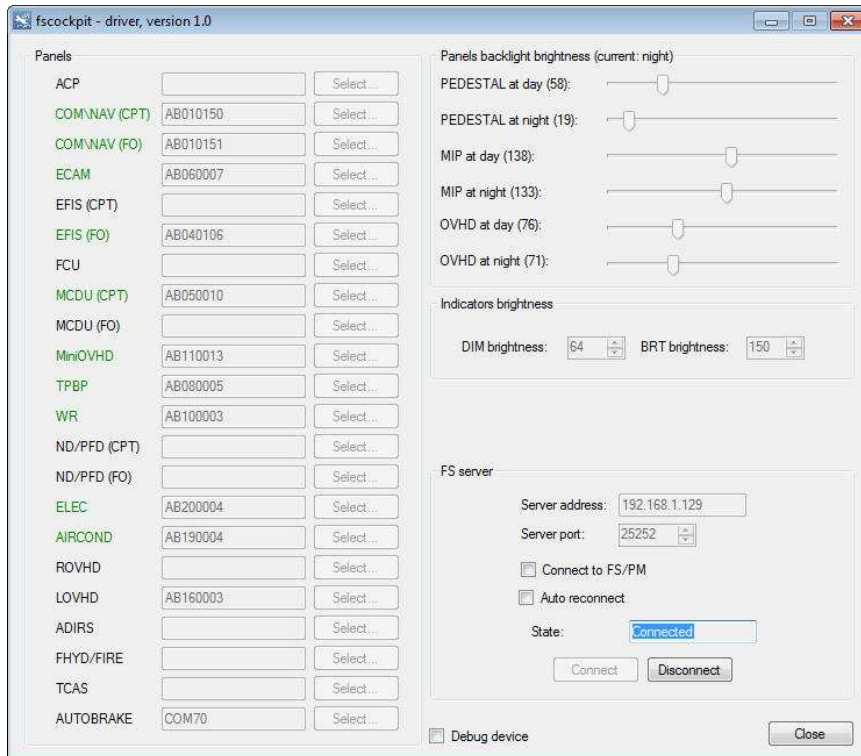

Select the device and Click 'OK' , popup window will close and serial number will appear next to 'Select' button.

Repeat this procedure for all present panels, for non-present Panels, just leave the field empty. After Configuring, You should see something like this:
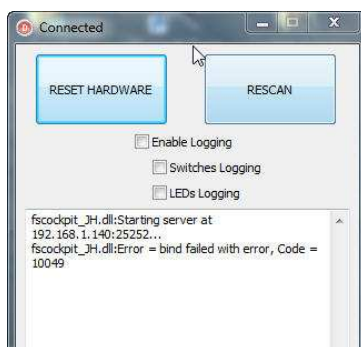
Click 'Connect' and after 1-2 seconds the status should change to 'Connected' and all active Panels should change its color to green:

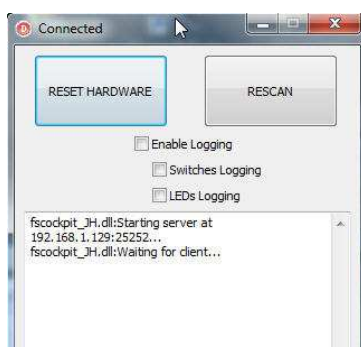The Panels are ready to work!

Troubleshooting

If You can't get status 'connected' – there is probably wrong IP number entered.
Find HardwareConnect module from JeeHell and , if it looks like this:

FscockpitClient will not work. Please check IP number again.
If setup was made properly HardwareConnect window should look like :

BACKLIGHT ADJUSTMENTS:
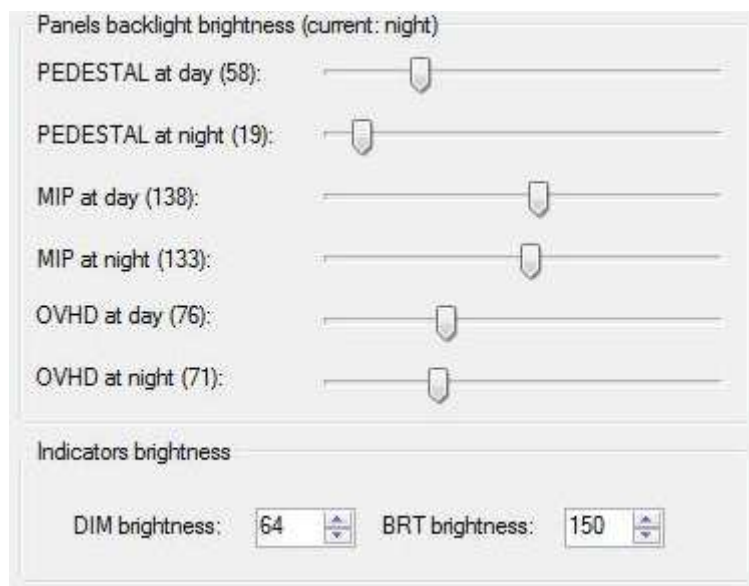
Cockpit internal lights are divided into 3 parts:

OVERHEAD backlight– is controlled by the potentiometer on the mini OVH panel in INT LT section (just above SEAT BELT toggle switch)

PEDESTAL/GLARESHIELD/MIP backlight- is controlled by the potentiometer just over WX Radar panel called 'INTEG LT MAIN PNL & PED'

MIP flood light - is controlled by the potentiometer just over WX Radar panel called 'FLOOD LT MAIN PNL'

DIM and BRT brightness is for setting the brightness of key and displays. You can control it on the left side of the mini OVH by the toggle switch ANN LT. The TEST position sets on all displays, key backlights and indicators (really impressive ;-))

For the Customers which do not have the miniOVH and/or WX Radar Panel
backlight can be controlled directly from fscocockpitClient:

If WX Radar and/or mini OVH are connected, appropriate backlight setup is disabled (You can set it only by adjusting the potentiometers)

Running fscockpitClient on network computer (non FS running)

FSCockpit.eu modules can be connected to different computers. To connect these modules to JeeHell, please extract all files from the archive **FSCockpit JH driver** and copy it to the any folder on this computer. Selecting connected modules procedure is the same like for main FS Computer (remember about FTDI driver). In 'Server address' field enter the IP number of the FS Computer. After clicking 'Connect' it should work.

'Reconnect' option – by choosing this option the fscockpitClient will try to continuously reconnect if connection will be lost.

fscockpitClient can be configured to automatically connect after startup – to do this please use autoconnect.bat file. After running this file fscockpitClient will start up, then minimize and will try to connect. Please make sure that fscockpitClient is properly configured prior to using this way of starting it.
'Reconnect' must be checked to make it work.

This is just preliminary version of the manual, if You have any remarks and suggestions about it, please write me an e-mail to : tomek@fscockpit.eu