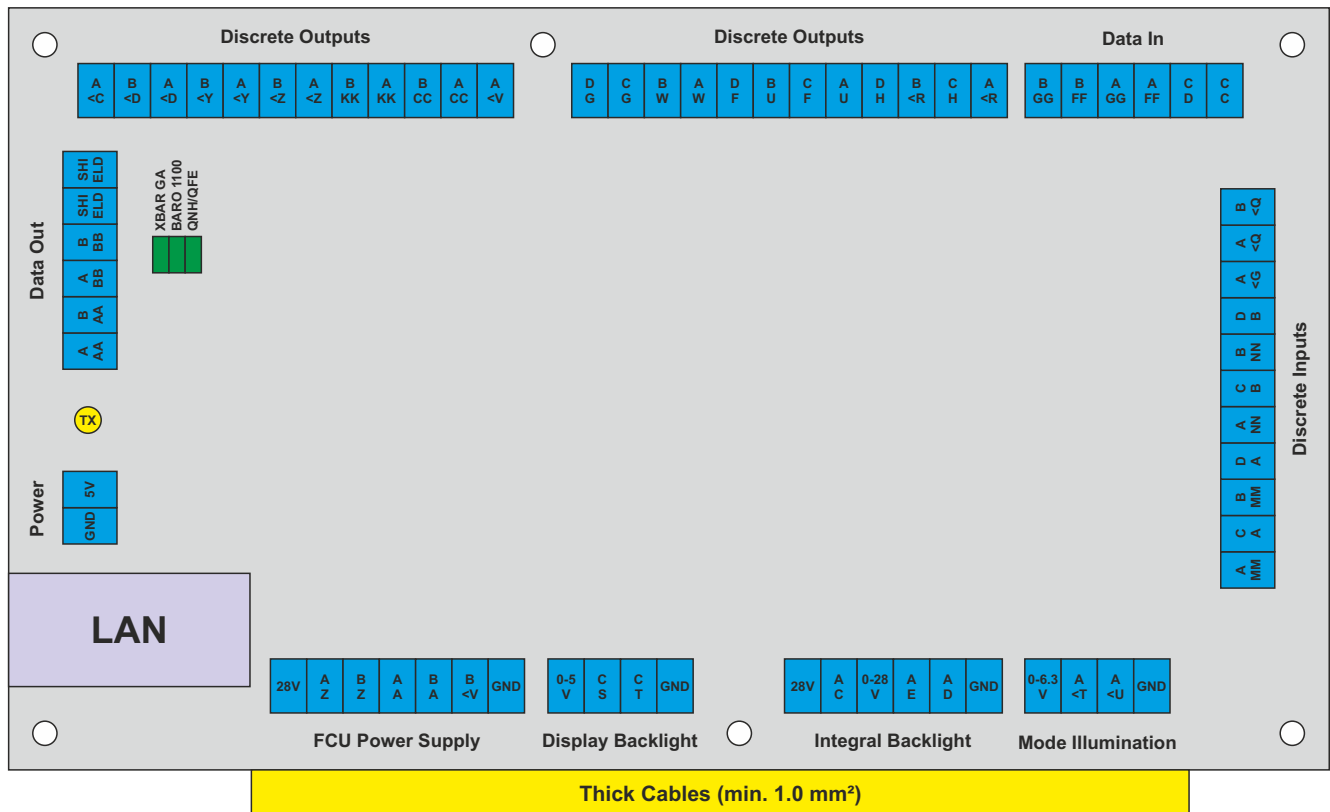


A330/A340 FCU Interface Board Quickstart Guide (Rev. 1)



Connect the board with a LAN cable to your local network. Connect a 5 V power supply to the board and it will power up. By default the board will try to retrieve an IP address by DHCP. Check your router which IP it got. You may open that IP and change the network settings if you like (if you need an username or password just ignore it / press enter) or leave it as it is.

Check if CockpitConcept.dll is present in JeeHell's Hardware Modules folder, otherwise you may have to reinstall JeeHell FMGS and enable the option to install Cockpit Concept hardware support.

Start Cockpit Connect and open the Settings window (button in the upper right). Enter the IP address of the computer that runs Hardware Connect in the section „JeeHell“. Enter the IP address of the FCU board in the section „A330/A340 FCU Interface“. Don't change any of the ports. Click on „Save settings“ and restart Cockpit Connect.

In the lower part of the main window you should see two boxes: „JeeHell“ and „A330/A340 FCU“. The color indicates the connection status. Red is no connection, green is connected. If JeeHell and the FCU interface board are running and your IP settings are correct, both boxes should turn green after a few seconds. If your virtual aircraft is powered up in JeeHell, you should hear relays clicking on the FCU interface board. This means all connections are working properly.

!!! ONLY CONNECT CABLES TO THE FCU INTERFACE BOARD WITH ALL POWER SUPPLIES TURNED OFF !!!

Start with connecting FCU Power Supply, Display Backlight, Integral Backlight and Mode Illumination. The FCU has four connectors: A, B, C and D. The pins are labeled A to Z, a to z and AA to PP. To better distinguish upper-case and lower-case characters, lower-case characters got a leading < sign. So A means A and <A means a. The A to D refer to the four FCU connectors. Connect the lower row. The voltage for Display Backlight may vary between 0 and 5 V, depending on your dimmer status. Integral Backlight needs a 0 to 28 V signal and Mode Illumination may vary between 0 and 6.3 V. Power everything up and the FCU should power up, too (it takes a few seconds to boot). Backlight should also work now.

Turn it off and connect all other cables. For the Data Out lines, best use shielded cables and connect the shield to the labeled connectors. XBAR GA (Crossed Bar at Go-Around Mode), BARO 1100 (baro limit increased to 1100 hPa) and QNH/QFE (enable QFE) are FCU options. Depending on your FCU these options may or may not be available. To enable the options, set the jumper. To disable it, remove the jumper. The FCU should now be fully working.

DON'T USE THE SAME 5 V POWER SUPPLY FOR FCU LIGHT AND INTERFACE BOARD POWER - THIS MAY CAUSE PROBLEMS WITH THE BOARD. USE A SEPARATE STABLE 5 V SUPPLY.