

FDS-777-MX-MCP Installation Instructions





The FDS-777-MX-MCP is designed to fit the B777-PRO-MX-DSTD or JetMax Single Seat MIP.

Note: 2 brackets are required to mount the MCP/EFIS' in the Glareshield.
Some drilling is required.

B777 MX Parts List

B777 MX-MCP UNIT



USB CABLE



IBL 3V CABLE



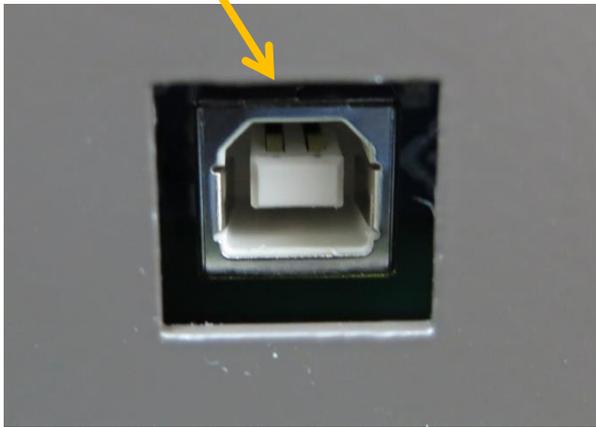
POWER SUPPLY



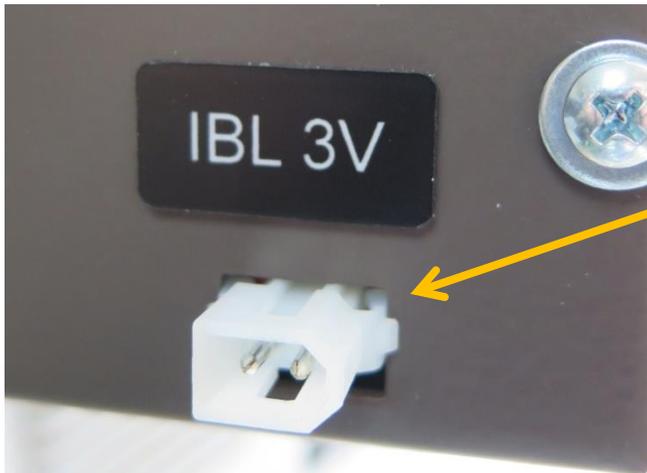
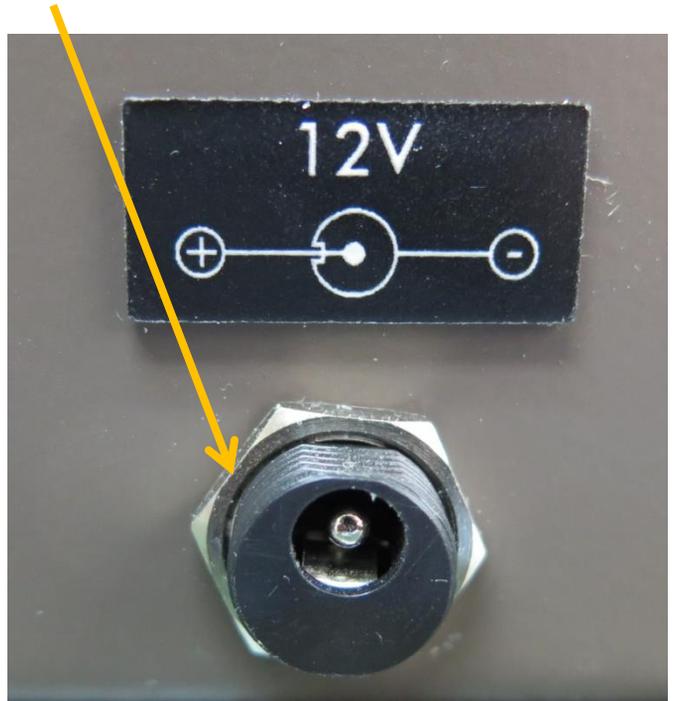
FDS-777 MX-MCP			
Description	#	Notes	QTY
B777 MX-MCP	1		1
Power Supply	2		1
USB Cable	3		1
IBL 3V Cable	4	6 Ft. long	1

FDS-MX-Plugs and Cables

USB Cable



12VDC Power Adapter



Plug in the Orange/Black wire to this terminal and connect to a 3VDC power source

Note: A 3VDC power source is required (Not included)

Cable Connections

- Connect 12V power supply to rear plug and power bar.
- Plug in USB cable and connect to Avionics PC (PMDG use on FSX/P3D PC)
- Connect the Orange/Black IBL wire to a 3VDC power source (not included). In a JetMax you can connect the Orange and Black wires to a single Orange and Black wire in the Power Supply Unit.

Note:

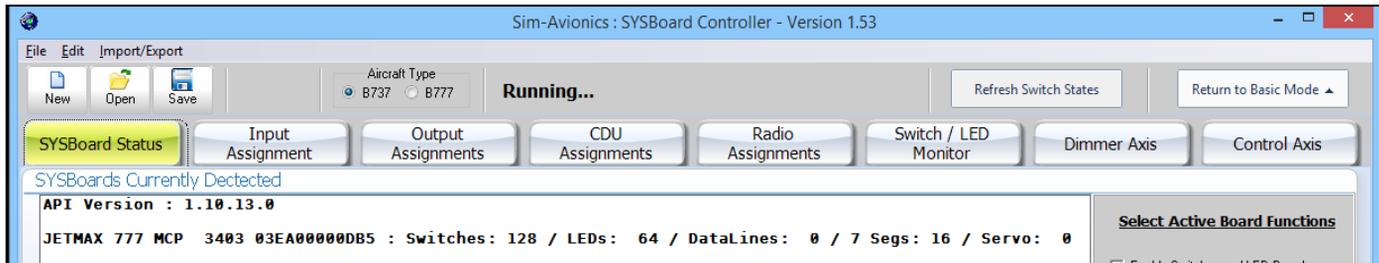
- Sim-Avionics will recognize the MCP in the SYSBoard Controller after the driver self installs.
- FDS-PMDGController available [here](#).
- Project Magenta will not supported at this time.



MCP Installation with Sim-Avionics

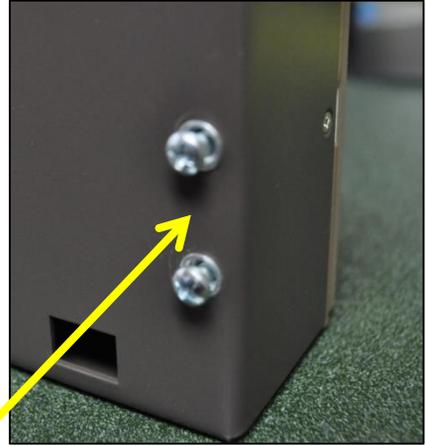
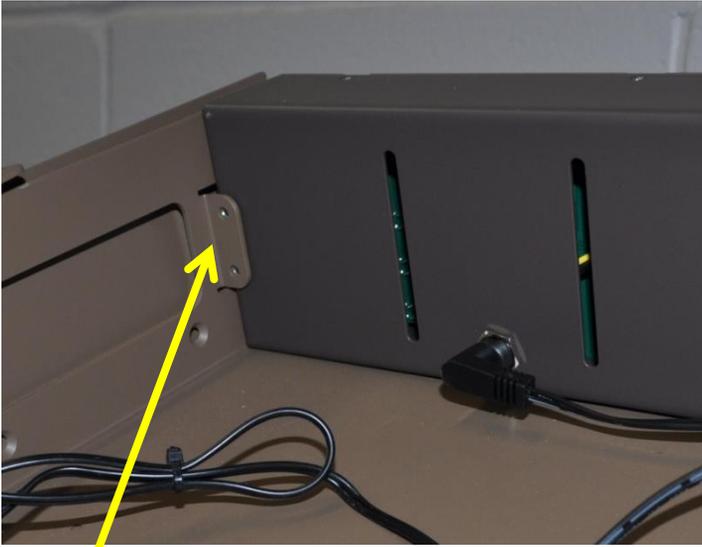


Plug the 12V power and USB into your Sim-A Avionics PC. The MCP is identified in the SYS Controller and requires no files or setup.



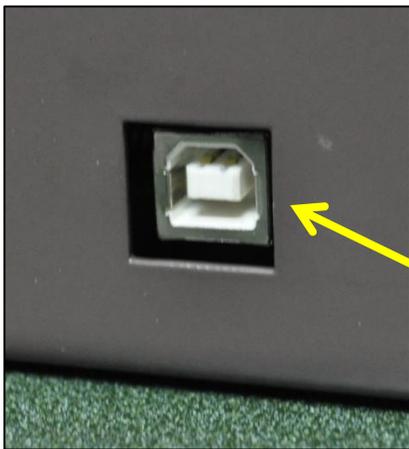
*Sim-A SYS Controller software “SYSBoard Status” page showing MCP connected. No additional software is required using Sim-A.

MCP Installation



Bracket for both sides in your JetMax MCP are part of the MIP. Remove the 4 screws (2 per side) on MCP and slide MCP in place. Install screws.

Connect 12V power connector.

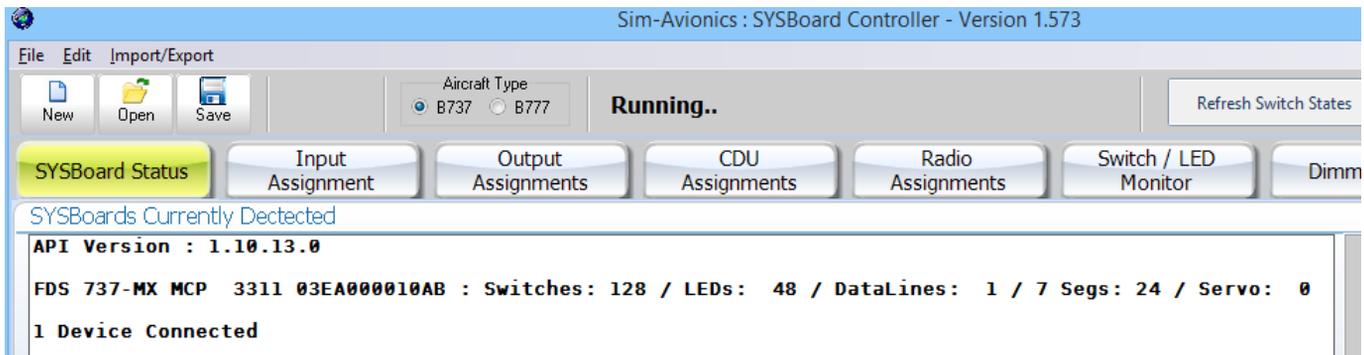


Connect USB Cable



Sim-Avionics:

Plug in USB cable into the PC you are running SYSBoard Controller program. This is usually the “Avionics” PC. The MCP will be recognised by the SYSBoard Controller and no drivers or configuration file are required. If the displays are off, make sure you have power (Battery) turned on in the aircraft. Engines, APU or Ground Power should be on.



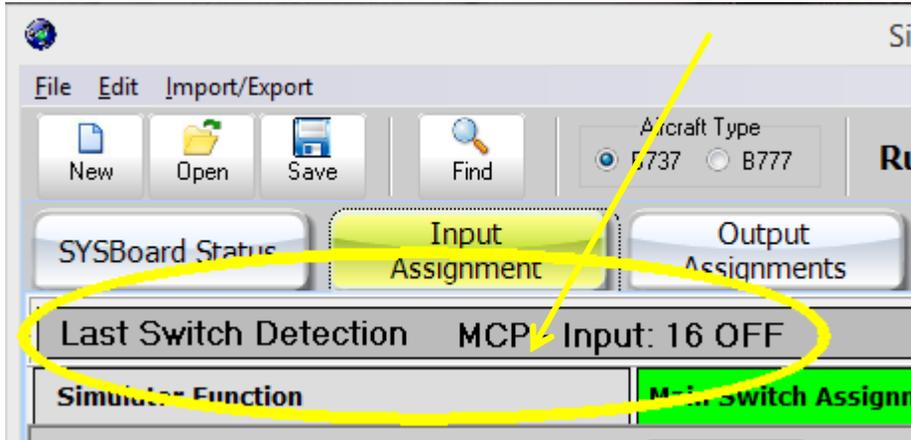
Each MCP has it's own serial number 03EA000010AB for example

The FDS 737-MX version is a 3311 and the JetMax-MCP is a 3304

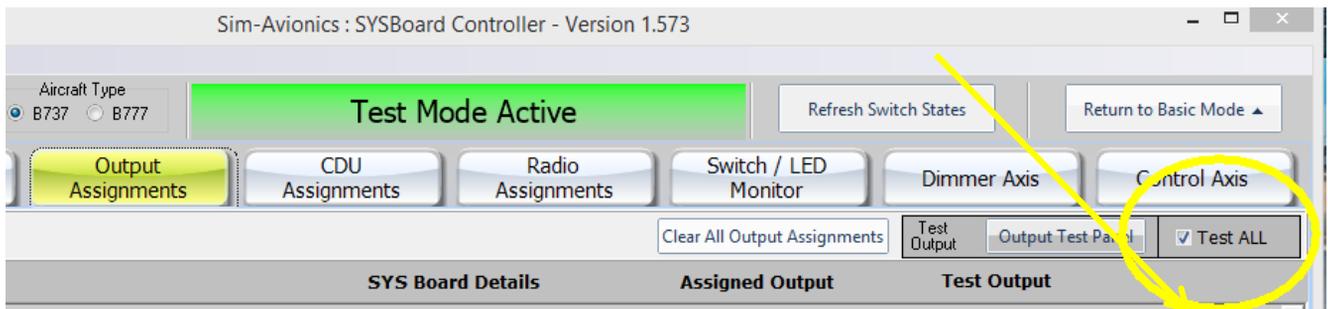
If it shows in the list of Connected Devices it is connected.

Testing an MCP in Sim-Avionics

In order to “test” or confirm a switch/rotary action select the “Input Assignment” Tab and watch the “Last Switch Detection” box in the SYSBoard Controller.



Testing of the LED’s or Seven Segments can be done by selecting the “Output Assignments” Tab and clicking on the “Test All” check box. All the LED’s and Seven Segments will light up.



Opening the MCP folder in the main Sim-Avionics folder will allow you to see a virtual MCP and you can compare most of the features there as well.



PMDG Software

Install the FDS-PMDGController software on your FSX/P3D computer

Software is located [here](#)

*Please make sure you follow the instructions included with the installer, in most cases any installation issue can be solved by following the instructions.

NOTE: Sim-Connect must be installed in FSX/P3D. Location of the files are listed in the manual. Sim-Connect is **NOT** installed during the initial FSX/P3D installation. (FSX requires the Gold Edition Acceleration Disc and Key)

FSX Steam

In your Steam FSX folder (*usually in Program Files (x86)\Steam\steamapps\common\FSX*) look in SDK\Core Utilities Kit\SimConnect SDK\LegacyInterfaces\FSX-XPACK\