

Dokumentation for using Opencockpits MCP/EFIS
Modules with Flightdecksoftware
Revision v1.1 24.06.2009
Written by Georg Schneider

1. When you purchase the EFIS Modules from www.opencockpits.com and decide to buy 2 EFIS Modules you get 2 different build modules. On both modules the Map switch buttons (WXR/STA...) are different like further down described.
2. When you decide to purchase only 1 EFIS module ask the opencockpits support which one they deliver >make shure you get the right one !
3. Our MCP/EFIS script is programmed for the 2 different EFIS modules. We used SIOC V3.52b version .
4. CAPTAIN(left) EFIS button arrangement:
[WXR] [STA] [WPT] [ARPT] [DATA] [POS] [TERR]
5. 1st.OFFICER(right) EFIS button arrangement
[STA] [WPT] [CTR] [ARPT] [TFC] [DATA] [POS]
6. Installation: just copy the „GFDmcpefisv107.ssi“ in the main SIOC folder of your sioc installation and make shure you have SIOC v3.52b installed.

Make shure no module is plugged in (USB).

Now start sioc.exe.

Then first plugin usb cable of the mcp module and in sioc programm Window under „DEVICES“(top right) you should see the mcp module. Now write down the last number in the line of the mcp module.

This will become important later when we do the config of the sioc.ini !

Then plugin 1st.OFFICER(right) EFIS module.
And also write down the last number in the EFIS module line.

Lastly plugin the CAPTAIN Efis module and write down last number
In that EFIS module line.

Now you should have something like this on your paper:

Example: MCP (23)

EFISright (89)

EFISleft (72)

Note:the above numbers are only examples for dokumentation !

Explanation:the numbers are used by windows to identify the usb device.

7. SIOC.ini

[fichero de configuracion para el SIOC ver. 3.52]

```
IOCP_port=8092
IOCP_timeout=4000
Minimized=No
toggle_delay=20
CONFIG_FILE=.\\GFDmcpfiv107.ssi
[***** IOCARDS MODULE *****]
IOCard_disable=No
IOCard_LPT=No
[ MASTER=(Device index),(Type),(Number of cards),(Device number) ]
[ Device index : Index used in SIOC variable like device, this is the card used
for SIOC sentence ]
[ Use 0 for only one card, for this value you not need specify Device number. If
you not use DEVICE parameter in a definition in SIOC script, the default index
used is 0]
[ type = 0 : Master Card Emulator ]
[ type = 1 : Master Card connected directly to parallel port ]
[ type = 2 : Master Card connected throught compatibility cable to parallel port
]
[ type = 3 : Expansion Card connected throught parallel port ]
[ type = 4 : USBExpansion Card used ]
[ type = 5 : Opencockpits MCP module ]
[ type = 6 : USBOutputs Card used ]
[ type = 7 : Opencockpits EFIS module ]
[ Number of Cards = Master cards connecteds, 1 to 4 for expansion cards, 1
for a Master card directly connected or Emulator ]
[ Number of device = 0 for Emulator or first USB card detected, parallel port
address, device number for speciefies USBexpansion card ]

MASTER=0,5,1,23 <<<<“0“=DEVICE Nr. / „23“usb device number (MCP)
MASTER=1,7,1,72 <<<<“1“=DEVICE Nr. / „72“usb device number (EFISleft)
MASTER=2,7,1,89 <<<<“2“=DEVICE Nr. / „89“usb device number (EFISright)
```

```
[ Others Cards / Otras tarjetas ]
USBStepper=0,0
USBKeys=0,0
USBServos=0,0
USBRelays=0,0
USBDCmotor=0,0
USBAnalogic=0,0
[***** FSUIPC MODULE *****]
FSUipcdisable=No
FSUipcRefresh=50
[***** IOCP CLIENTS MODULES *****]
IOCPini_delay=3000
IOCPclient0_disable=Yes
IOCPclient0_host=localhost
IOCPclient0_port=8090
IOCPclient1_disable=Yes
IOCPclient1_host=localhost
IOCPclient1_port=8099
```

8. Make shure you give MCP device Nr. 0

9. Make shure you give Left Efis device Nr. 1

10. Make shure you give Right Efis device Nr. 2

11. If you use the "GFDmcepfisv107.ssi" you must change your GFD.xml file to "default electrical status = on"

otherwise it is not running because the sioc script is written for cold&dark support.

Now your modules should be ready to run with
Flightdecksoftware !