



# Opencockpits



**AFDS B737 Panel IDC manual.**

## Index:

AFDS B737 PANEL IDC MANUAL .....	1
INDEX:.....	2
INTRODUCTION:.....	3
WIRING AFDS:.....	3
DESCRIPTION OF AFDS CONNECTOR:.....	3
DECLARATION OF INPUTS AND OUTPUTS:.....	4
LINKS OF INTEREST: .....	4

## Introduction:

AFDS B737 panel with IDC connection. Built with milling techniques and professionally painted and engraved with backlight.

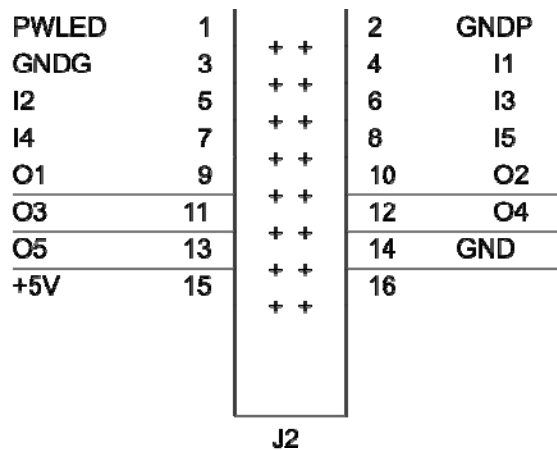
This panel has been designed to connect it directly to an inputs/outputs card like the IOCARD MIP or Master card.

The panel has the following elements operative:

- TEST 1 & 2 switch.
- Reset keys.
- The reset keys are illuminated with bicolor leds.

## Wiring AFDS:

The connector of AFDS B737 IDC panel can be connected with any inputs/outputs card and to the IOCARD MIP using the 16 contacts IDC connector:



## Description of AFDS connector:

The AFDS panel is put on service with the following data.

CONNECTOR J2					
I/O	PIN	FUNCTION	I/O	PIN	FUNCTION
PWLED	1	POSITIVE FOR BACKLIGHT: It takes 2.4volts to 2.9 volts. <span style="color: red;">;Warning: more voltage may burn backlight!</span>	O1	9	GREEN LED A/T, (5V).
GNDP	2	GND BACKLIGHT.	O2	10	RED LED A/T, (5V).
GNDG	3	COMMON GND FOR INPUTS.	O3	11	GREEN LED A/P, (5V).
I1	4	INPUT BUTTON A/T.	O4	12	RED LED A/P, (5V).
I2	5	INPUT BUTTON A/P.	O5	13	GREEN LED FMC, (5V).
I3	6	INPUT BUTTON FMC.	GND	14	GND LEDS O1..O5.
I4	7	INPUT BUTTON TEST 1.	+5V	15	POSITIVE FOR LEDS (5V).
I5	8	INPUT BUTTON TEST 2.	-	16	NOT CONNECTED.

All leds are feeded with 5V (from masters outputs or other outputs cards). The USBDimcontrol card is recommended for the backlight control.

## Declaration of inputs and outputs:

To declare variables input and output values in the table above are used and the numbers assigned depend on the wiring with inputs/outputs cards: a IOCard MIP, Master, USB Outputs or other cards.

With this we end this manual, we invite you to read the manuals for the other elements of Opencockpits and SIOC software and we thank you for trusting us.

## Links of interest:

Customer Support Zone:

<http://www.opencockpits.com/catalog/info/>