



# Opencockpits



**LE Devices B737 Panel IDC manual.**

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## Introduction:

B737's LE Devices panel with IDC connection. Created as an unique piece of 6mm thick painted and professional engraved finish and BKI technology.

This panel is designed to connect with output and inputs cards like IOCARD OVERHEAD-A or Master.

The panel has all its elements operative:

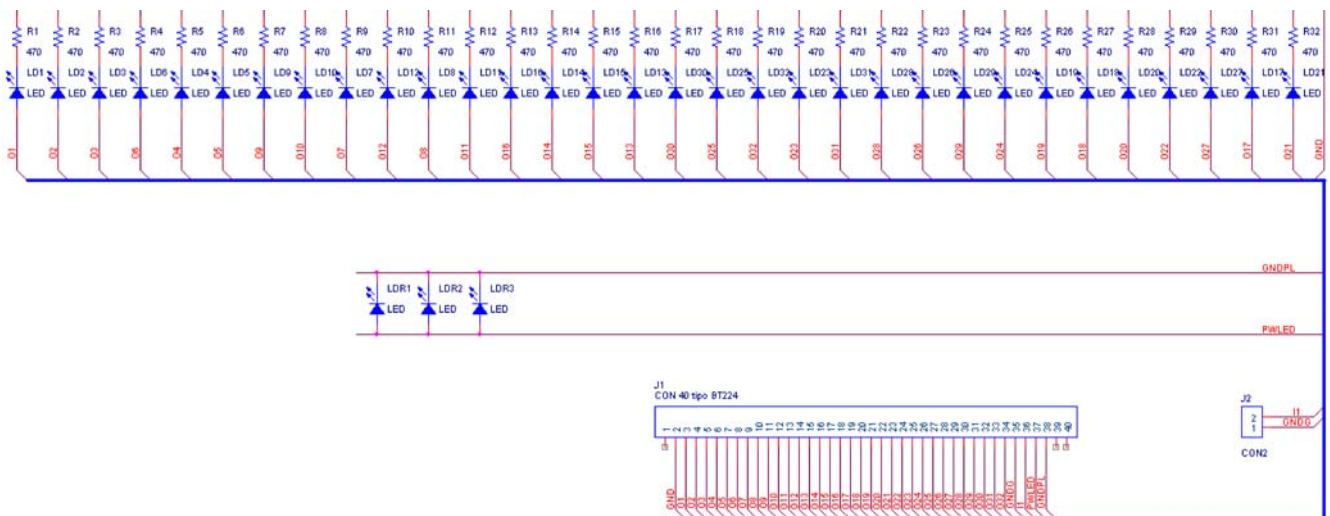
- TEST button.
- Position and transit indicators for slats and flaps.

## BKI technology:

The BKI technology is similar to the original used in the original Boeing panels, it is embedded within the backlight panels, increasing the quality of the backlight and a significant drop in energy consumption and to avoid light pollution around the panels.

## Wiring LE-Devices:

LE Devices B737 IDC panel can be connected to any inputs/outputs card like the IOCARD OVERHEAD-A or Master cards using it IDC 40 contacts connector:



## LE Devices connectors description:

LE-Devices panel is put on service following these indications.

CONNECTOR J1					
I/O	PIN	FUNCTION	I/O	PIN	FUNCTION
-	1	NOT CONNECTED.	O19	21	LD19 FLAP4 TRANSIT.
GND	2	GND OUTPUTS.	O20	22	LD20 FLAP4 EXT/FULL.
O1	3	LD1 SLAT1 TRANSIT.	O21	23	LD21 SLAT5 TRANSIT.
O2	4	LD2 SLAT1 EXT.	O22	24	LD22 SLAT5 EXT.
O3	5	LD3 SLAT1 FULL EXT.	O23	25	LD23 SLAT5 FULL EXT.
O4	6	LD4 SLAT2 TRANSIT.	O24	26	LD24 SLAT6 TRANSIT.
O5	7	LD5 SLAT2 EXT.	O25	27	LD25 SLAT6 EXT.
O6	8	LD6 SLAT2 FULL EXT.	O26	28	LD26 SLAT6 FULL EXT.
O7	9	LD7 SLAT3 TRANSIT.	O27	29	LD27 SLAT7 TRANSIT.
O8	10	LD8 SLAT3 EXT.	O28	30	LD28 SLAT7 EXT.
O9	11	LD9 SLAT3 FULL EXT.	O29	31	LD29 SLAT7 FULL EXT.
O10	12	LD10 SLAT4 TRANSIT.	O30	32	LD30 SLAT 8 TRANSIT.
O11	13	LD11 SLAT4 EXT.	O31	33	LD31 SLAT 8 EXT.
O12	14	LD12 SLAT4 FULL EXT.	O32	34	LD32 SLAT8 FULL EXT.
O13	15	LD13 FLAP1 TRANSIT.	GNDG	35	GND TEST BUTTON
O14	16	LD14 FLAP1 EXT/FULL.	I1	36	INPUT TEST BUTTON
O15	17	LD15 FLAP2 TRANSIT.	PWLED	37	POSITIVE FOR BACKLIGHT: It takes 2.7volts to 2.9 volts. <b>Warning: more voltage may burn backlight!</b>
O16	18	LD16 FLAP2 EXT/FULL.	GNDPL	38	GND BACKLIGHT
O17	19	LD17 FLAP3 TRANSIT.		39	NOT CONNECTED
O18	20	LD18 FLAP3 EXT/FULL.		40	NOT CONNECTED

All leds of position and transit (LD1..LD32) are feeded with 5V (Masters outputs or other outputs cards).

The USBDimcontrol card is recommended.

CONNECTOR J2					
I/O	PIN	FUNCTION	I/O	PIN	FUNCTION
GNDG	1	GND PUSHBUTTON TO PCB	I1	2	INPUT PUSHBUTTON TO PCB

## Declaration of inputs and outputs:

To declare input and output variables will use the values in the table above and the numbers assigned depend on the wiring inputs and outputs card: IOCard OVERHEAD-A, 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/>