Manual INTD0521

4.3" TFT-LCD COLOR
FLOOR INDICATOR

With micro SD

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FLOOR INDICATOR

INTD0521

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Please read all the instruction carefully in order to exploit
all the advantages of this device.

Description:

The INTD0521 device is a color TFT-LCD floor indicator with on board micro SD card graphics storage.

Also the device support BCD/OWPF (One wire per floor) control panel inputs formats selected via on bard DIP switch.

The device enters to low backlight illumination (Power saver mode) approx. 8min after idle parking floor position (indication of the lowest selected floor).

Additionally user can select various graphics themes from our supported PC software fro customizing arrow types, background themes etc..

Specifications

Power supply	**12 to 24 V DC/AC**
Current input consumption	**0.25A max (12V DC input and 100% backlight illumination)**
Display resolution	**480x272pixels**
Color depth	**16bit**
Color pixel format	**565 (5bit Red, 6bit Green, 5bit Blue)**
Input panel formats support	• **Δεκαδικό(One wire per floor)** • **BCD** **Additional input format support** (1)
Supported micro SD card	**Capacity: 1GB, 2GB, 4GB, 8GB, 16GB, 32GB** **Class: Class 2, Class 4, Class 6**
Supported micro SD format:	**FAT16 , FAT32**
Other	• **Overload/Functionality on board buzzer tone indication.** • **Starting floor selection via on board DIP switch (3 floor range).** • **Selection of device functionality between «Config.txt» and microSD via DIP switch selection.** • **Input panel format selection via DIP switch (BCD/Binary).** • **Auto power save mode for backlight illumination.**

(1) Custom made possibility

Note: *Remove power supply/Connections before inserting micro SD card.*
During "HOT" remove of the micro SD card, please keep RESET button pressed.
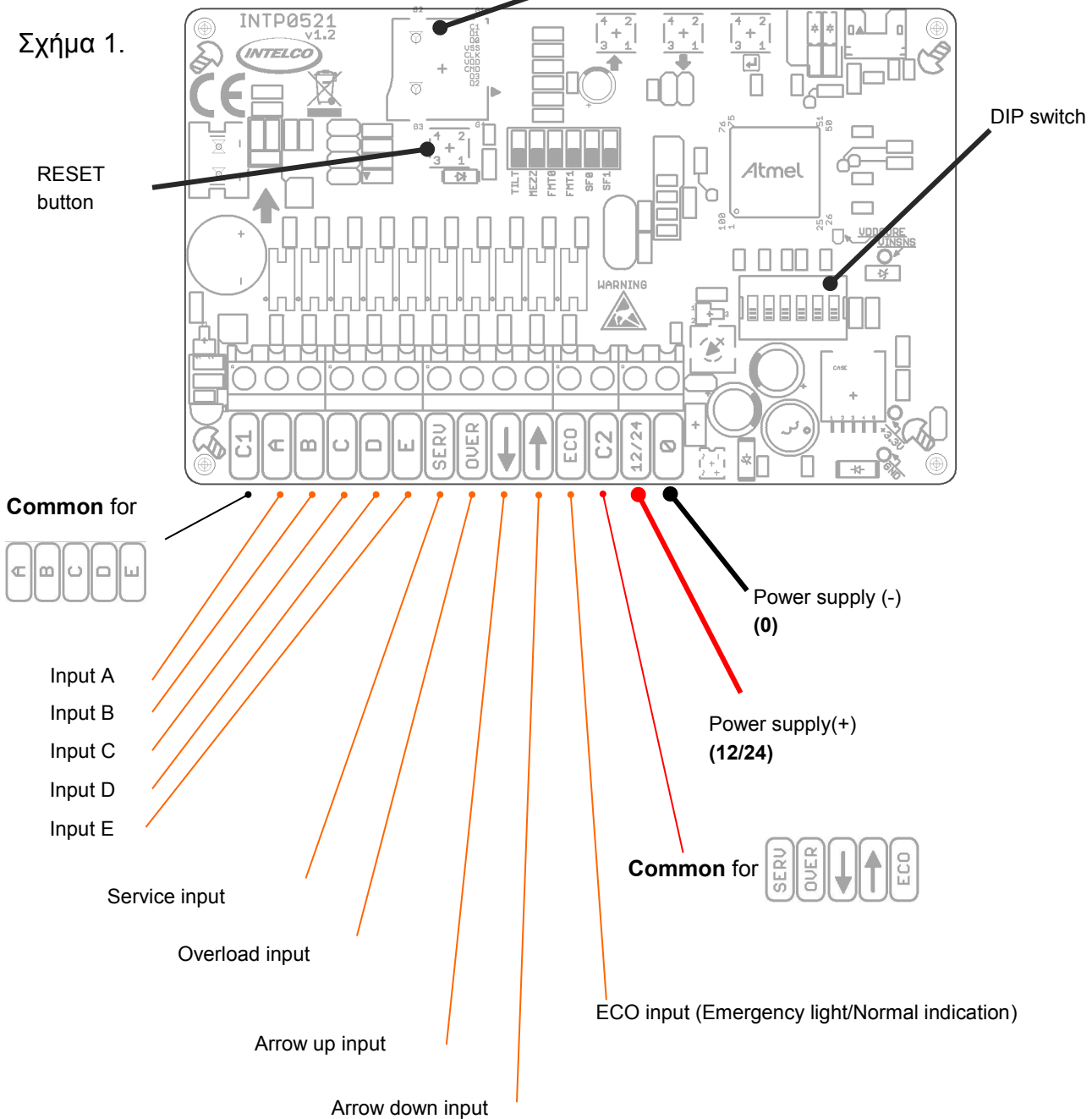
Typical wiring diagram:

Typical connection to control panel with BCD output format and extra input connection, to ECO/Arrows/Service/Overload, as shown in fig.1.

(Device as seen from back side - PCB back view).

Σχήμα 1.

Micro SD graphics storage

RESET button

DIP switch

Common for A B C D E

Power supply (-) **(0)**

Power supply(+) **(12/24)**

Input A
Input B
Input C
Input D
Input E

Service input

Overload input

Arrow up input

Arrow down input

Common for SERV OVER ↓ ↑ ECO

ECO input (Emergency light/Normal indication)
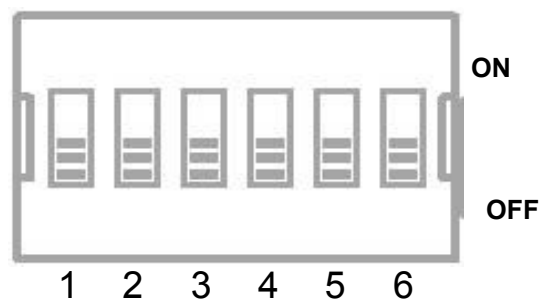
DIP switch functionality:

The DIP switch settings located on back side of floor indicator PCB are shown on the tables below.

Function: *Select device configuration either from DIP Switch or Config.txt*	
6	Selection
OFF	*DIP Switch settings have effect over "Config.txt"*
ON	*"Config.txt" file settings have effect over DIP Switch*

Function: *Input format selection*	
4	Input format
OFF	ONE WIRE PER FLOOR
ON	BCD

DIP switch

ON

OFF

1 2 3 4 5 6

Function: *Starting floor selection*		
1	**3**	Starting floor
OFF	OFF	-3
OFF	ON	-2
ON	OFF	-1
ON	ON	0

ECO input:

If ECO input is OFF (not connected),the device enters in emergency light mode, thus the screen shows white backlight with full brightness.

If ECO input is ON (connected) ,the device enters in normal mode (as floor indicator), **see. figure 1.**