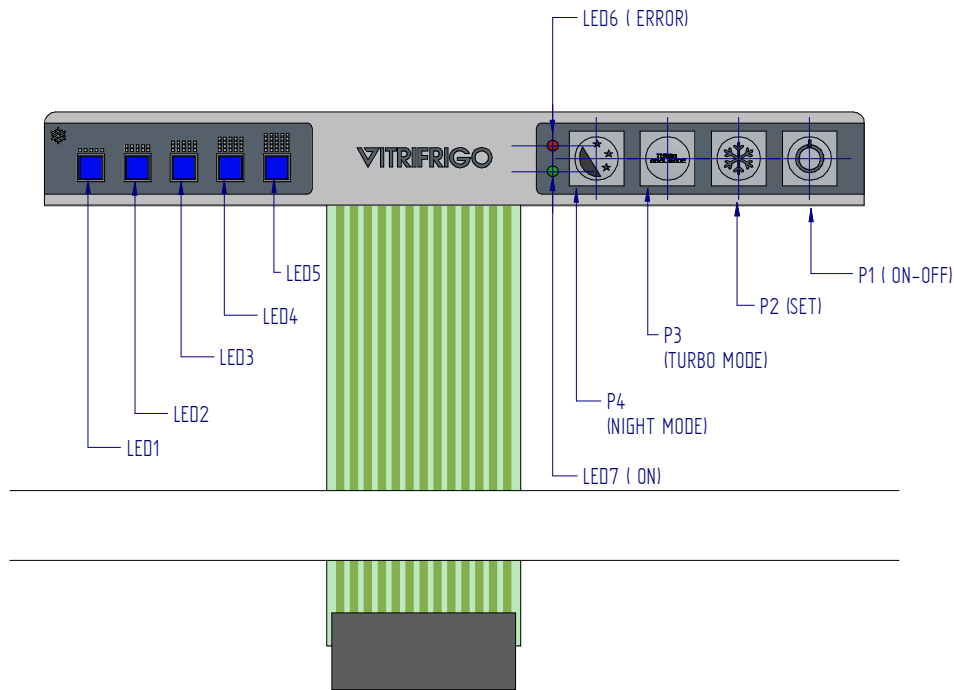


## Vitrifrigo Digital Thermostat User Guide



- **P1 ON-OFF:** switches on and off the unit. Delay of circa 2 seconds.
- **P2 SET:** temperature set button: adjusts the temperature and sets 5 temperature settings (from LED1/LED5).
- **P4 NIGHT MODE:** keep pressed (2"), it activates the NIGHT MODE function (or if pressed again it restores the normal mode) and switches on/off the LD NIGHT (LED7) and turns off all set LED (LED1/LED5).
- **P3 TURBO MODE:** keep pressed (2"), it activates TURBO MODE function (or if pressed again it restores the normal mode). The related LED set will flash.
- **NIGHT MODE FUNCTION**  
activates the related set programs (only active on LED SET 1/2/3/4). The set lasts for 6 hours then it reverts back to previous/original set.
- **TURBO MODE FUNCTION**  
activates the related set programs (active on all LED SET 1/2/3/4/5). This setting stays on until the set temperature is reached, then it switches back to previous setting.  
The Turbo function disables the NIGHT function (if it's already on) and the other way around.

- **ERR (LED 6):** flashes if an error/fault is detected on the compressor control unit (the LED flashes from 1 to 5 times, depending on FAULT). After the flashes there will be a pause. Every fault is flashed with a 4 seconds interval.

Flashes	Error type	
5	<b>Thermal cut-out of electronic unit</b>	If the refrigeration system has been too heavily loaded, or if the ambient temperature is high, the electronic unit will run too hot
4	<b>Minimum motor speed error</b>	If the refrigeration system is too heavily loaded, the motor cannot maintain minimum speed 1,850 rpm
3	<b>Motor start error</b>	The rotor is blocked or the differential pressure in the refrigeration system is too high (>5 bar)
2	<b>Fan over-current cut-out</b>	The fan loads the electronic unit with more than 1Apeak
1	<b>Battery protection cut-out</b>	The voltage is outside the cut-out setting

SET TL43 (WITHOUT TURBO AND NIGHT MODE)

	TEMP.	SET	DELTA	RPM	
X0000	+10	+9	0,5	2500	LED1
OX000	+7	6,5	0,5	2500	LED2
00X00	+5	+4	0,5	2500	LED3
000X0	+2	1	0,5	2500	LED4
0000X	-10	-12	1	3500	LED5

SET NIGHT MODE

	TEMP.	SET	DELTA	RPM	
X0000	+10	+9	0,5	2000	LED1
OX000	+7	6,5	0,5	2000	LED2
00X00	+5	+4	0,5	2000	LED3
000X0	+2	1	0,5	2000	LED4
0000X	-10	OFF			LED5

SET TURBO MODE

	TEMP.	SET	RPM	
X0000	+10	+2	3500	LED1
OX000	+7			LED2
00X00	+5			LED3
000X0	+2			LED4
0000X	-10	-13	3500	LED5