

DELEX®

**DEL10W**

**Wireless  
Programmable  
Thermostat**



**Instructions**



APP for DEL10W

## Table of Contents

<b>1 / Thermostat description</b>	<b>4</b>
<b>2 / Main functions of DEL 10W</b>	<b>4</b>
<b>3 / Technical specification</b>	<b>4</b>
<b>4 / Display symbols</b>	<b>5</b>
<b>5 / WiFi connection (Only for DEL 10W)</b>	<b>6</b>
<b>6 / Function &amp; User operation</b>	<b>8</b>
<b>7 / Advanced setting</b>	<b>13</b>
<b>8 / Troubleshooting</b>	<b>15</b>
<b>9 / Dimension</b>	<b>15</b>
<b>10 / Installation and wiring instructions</b>	<b>16</b>



## 1 / Thermostat description

The DEL 10W is a smart thermostat used to control your electric under floor heating system. It will keep your home at comfortable temperature whilst minimizing energy use. DEL 10W is a WiFi version for wireless-connection. You can install the app on your smart phone to control your electric heating system remotely.

## 2 / Main functions of ET-61

- ▶ Time display
- ▶ Floor high temperature protection
- ▶ Holiday function
- ▶ Sensor selection
- ▶ Off time frost protection
- ▶ Key-lock
- ▶ Power consumption query (in APP)
- ▶ Hold function

## 3 / Technical specification

Supply voltage: 85-265V 50/60Hz

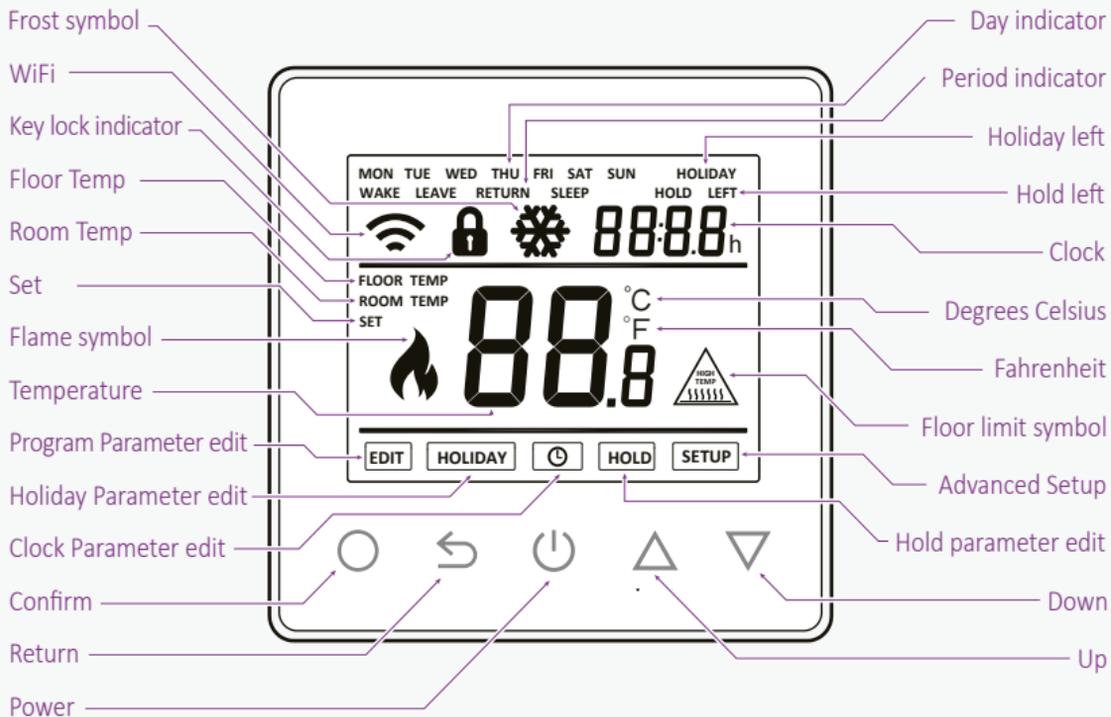
Maximum switching current: 15A

Standby power: < 2W

IP rating: IP21

Wire diameter:  $\leq 2.5\text{mm}^2$

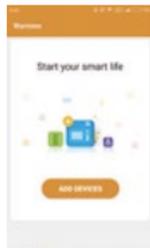
## 4 / Display symbols



## 5 / WiFi connection



Step 1: Scan the QR code through a browser or download APP from the major application markets to install it.



Step 2: Click the APP, log in through the registered phone number or email address.

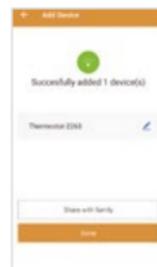
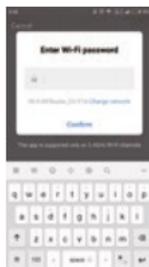


Step 3: click 'Add Device' on the bottom of the screen.

Step 4: Check the thermostat WiFi flag is fast flashing. if not, operate the thermostat according to the APP tips until it flashes quickly. Click the 'Make sure WiFi is flashing quickly' button .



Step 5: Fill in the phone with the WiFi network password, click 'confirm'.



Step 6: Click 'Done' after the APP is connected to the thermostat successfully, then finished the distribution.

Step 7: You can check the real-time temperature, adjust or set the temperature, switch on/off or do other operations on the main interface.



## 6 / Function & User operation

### On/Off

Press  to turn on/off

Note: When frost protection mode is active, the thermostat will maintain the frost protection temperature when in power 'off' mode.

### Temporarily override temperature

In normal timed power 'on' mode, press  or  to change the current period temperature setting. The new set temperature will flash for 30 seconds. The thermostat will revert to the normal programmed setting at the start of the next time period.

## Set the Time

In normal timed power 'on' mode, Press  and the clock symbol will flash.

Press  again to enter day set.

Press  or  to set day.

Press  to confirm and enter hour set.

Press  or  to set hour.

Press  to confirm and enter minute set.

Press  or  to set minute.

Press  to confirm then press  to revert to normal screen.

Note: The DEL 10W updates the time automatically when first connected to internet.

## Key-lock

Setting Key-lock can prevent children and others from switching thermostat parameters.

In normal timed power 'on' mode, press  for 3 seconds to lock the thermostat and again for 3 seconds to cancel.

## Holiday mode

In holiday mode, the DEL 10W will maintain frost protection temperature until the holiday time ends. In normal timed power 'on' mode, press ○ to enter setting.

Press △ or ▽ to select holiday.

Press ○ to enter holiday days set.

Press △ or ▽ to set holiday days .

Press ○ to confirm and return to the normal screen.

Note: In holiday mode, 'HOLIDAY LEFT' and the days remaining will show on display.

Set the holiday days to 0 to cancel holiday mode.

## Hold mode

The DEL 10W will maintain the 'hold temperature' until the hold period ends.

In normal timed power 'on' mode, press ○ to enter setting.

Press △ or ▽ to select hold.

Press ○ to enter hold time set.

Press  $\triangle$  or  $\nabla$  to set hour.

Press  $\circ$  to enter minute set.

Press  $\triangle$  or  $\nabla$  to set minute.

Press  $\circ$  to enter hold temperature set.

Press  $\triangle$  or  $\nabla$  to set hold temperature.

Press  $\circ$  to confirm and return to the normal screen.

Note: In hold mode, 'HOLD' will show on display.

Set the hold time to 00:00 to cancel hold mode.

## Timer setting

Each day of the week has 4 time periods, you should allot a temperature to each time period. Set the temperature above room ambient temperature and the heating will come on until the desired temperature is reached, or, set the temperature low and the heating will not come on during that time period. The default settings are shown in the table below.

In normal timed power 'on' mode, press  to enter setting.

Press  or  to select edit.

Press  to enter day selection.

Press  or  to select the day to be set.

Press  to enter period selection.

Press  or  to select the period to be set.

Press  to enter start time set.

Press  or  to select start time hour.

Press  to enter minute set.

Press  or  to select start time minute.

Press  to enter temperature set.

Press  or  to select temperature.

Press  to confirm and move on to next time period.



## Period parameter table (initial value)

Week	Wake	Leave		Return	Sleep
Mon ---- Fri	6:00 20°C	8:00 15°C		16:00 20.5°C	22:00 15°C
Sat ---- Sun	8:00 20.5°C	10:00 15°C		16:00 20.5°C	23:00 15°C

## 7 / Advanced setting

Caution: These are normally set by technicians during initial installation.

In normal timed power 'on' mode, press  $\bigcirc$  to enter setting.

Press  $\triangle$  or  $\nabla$  to select setup.

Press  $\bigcirc$  to enter advanced setting.

Each parameter can be accessed by pressing  $\bigcirc$  and adjust the values as required.(the default values are recommended and changing these may adversely affect the way the thermostat works.)

## Parameter

No.	Name	Default value	Ranges
1	Room temperature calibration	0°C	-5°C--5°C
2	Floor temperature calibration	0°C	-5°C--5°C
3	Anti-frozen function	ON	OFF/ON
4	Anti-frozen temperature	5°C	5°C--15°C
5	Sensor selection	02	00: Built-in sensor 01: Floor sensor 02: Both sensors
6	Floor temperature limit (both sensors)	35°C	20°C-45°C
7	Temperature unit	°C	00: °C 01: °F
8	Output delay	00	00:0s 01:30s 02:60s 03:90s
9	Switch different temperature setting	1°C	00: 0.5°C 01: 1°C 02: 2°C 03: 3°C
10	Setting initialization	00	00: no reset 01: reset

## 8 / Troubleshooting

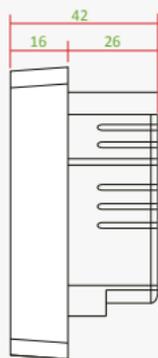
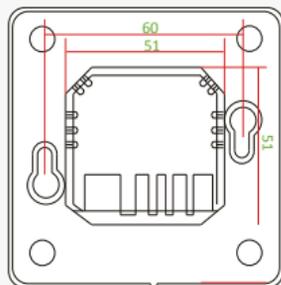
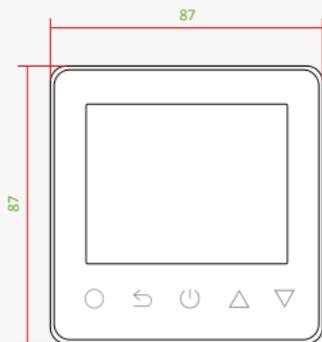
### Fault Codes

E1 = Built-in sensor short-circuit or disconnected.

E2 = Floor sensor short-circuit or disconnected.

Note: Should a sensor fault display, please connect us for assistance.

## 9 / Dimension (mm)





**NOTE:** The DEL 10W thermostat should be mounted in a standard 86L×86W×35H(mm) wall box.



Fix the back section to wall box with screws provided.



Replace front panel whilst ensuring the pins engage properly in the circuit board socket.

Step 3

Step 4

## 10 / Installation and wiring Instructions



### Installation



Loosen fixing screw on the base of the thermostat and separate front panel from back section.

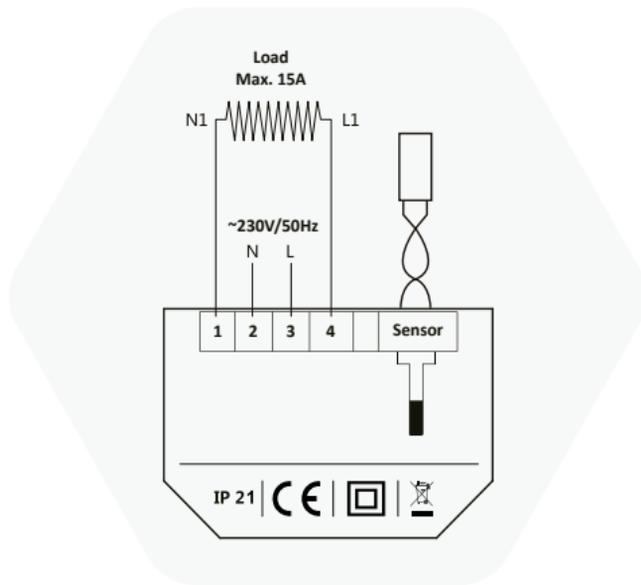


Wire the back section as shown in the wiring diagram.

Step 1

Step 2

## Wiring instructions



 **Caution: Ensure power is disconnected when wiring!**

## Warranty

We offer a warranty period of 24 months from the time of sale. Warranty only covers defects in materials which are not caused by incorrect installation, product misuse, “act of God” or by any external factors.

- Please connect according to the wiring.
- Please install according to the installation pic.
- Don't pull the flat cable by force to avoid the damage.
- Don't put force or scratch on the LCD.
- Don't knock and break the circuit board or make fall and deformate the back cover.
- Please bend the hard plastic wire to a suitable angle.
- Don't drop the construction mud into products.
- The above wiring diagrams are for reference only. Please refer to the wiring diagram indicated on the relay housing when wiring.



This product shall only will be installed by authorized electrician according to local safety rules and wiring diagram.

### Delphi Electric

Cuza 15, Alba Iulia

510193, Romania

Tel/Fax: 0258 811 977

e-mail: office@delex.eu

<http://www.delex.eu>

### Reseller

**DELEX**<sup>®</sup>

**HVAC** 暖通空调  
products



1



2



INSTALL

3



4

