

omniHeat_{SERIES}

elit
electronics

ZENTRON / ZENTRON XL

EN

SMART PANEL HEATER
INSTRUCTION MANUAL

elit-electronics.com



This product is only suitable for well-insulated spaces or occasional use.

ATTENTION!

SWITCH ON THE HEATER IN FULLY HORIZONTAL POSITION!

DO NOT COVER!

IMPORTANT SAFETY INSTRUCTIONS

READ THE MANUAL INSTRUCTION CAREFULLY BEFORE USE AND RETAIN IT FOR LATER REFERENCE!

WARNINGS

1. Before using the product for the first time, please read the instructions for use below and retain them for later reference.
2. Children below the age of 3 years should be kept away from the appliance, except where they are under constant supervision. Children between the age of 3 and 8 may only switch the appliance on/off provided that it has been set up and installed in the normal operating position and they are under supervision, or have been instructed how to operate the appliance safely and understand the hazards associated with use. This appliance may only be used by persons with impaired physical, sensory or mental capabilities, or lacking in experience or knowledge, as well as children from the age of 8, if they are under supervision or have been given instruction concerning use of the appliance by a person responsible for their safety and they have understood the hazards associated with use. Children should not be allowed to play with the unit. Children may only clean or perform user maintenance on the appliance under supervision.

WARNING:

Parts of this appliance can become very hot and could cause burns. Extra care should be taken when children or handicapped persons are around.

3. Confirm that the appliance has not been damaged in transit!
4. Do not use this heater if it has been dropped!
5. Do not use it if there are visible signs of damage to the heater!
6. Never locate the appliance directly in corners and observe the minimum installation distances. Always observe the health and safety regulations valid in the country of use!
7. The appliance should be used as intended for warming air, not for general heating purposes.
8. The stream of hot air should not be directed straight to curtains or other flammable materials!
9. Do not locate near flammable materials (min. 100 cm).
10. Do not use it in locations where flammable vapours or explosive dust may be released. Do not use near flammable materials or in potentially explosive atmospheres!
11. It is PROHIBITED to use the appliance near bathtubs, basins, showers, swimming pools or saunas!
12. The heater has to be mounted in such position, so as to disable the person staying in the bathtub or under the shower to touch the switches and other control appliances.
13. It is forbidden to place the appliance directly below a power socket!

14. When locating and mounting the appliance, please consider the wall material and its bearing capacity!
15. Before powering on the appliance, make sure it is fixed stable on the wall!
16. Operate only under constant supervision!
17. Do not operate unattended in the presence of children!
18. It is prohibited to use the appliance in motor vehicles or in confined spaces (< 5 m²) such as elevators!
19. When not planning to use the appliance for an extended period of time, switch it off then remove the power plug from the outlet!
20. Always remove power from the heater before moving it!
21. If any irregular operation is detected (e.g., unusual noise or burnt odour from appliance), immediately switch it off and unplug the power plug!
22. Make sure that no foreign objects or liquid can enter the appliance through the openings.
23. Protect from dust, humidity, sunlight and direct heat radiation!
24. Power off the appliance by unplugging it from the electric outlet before cleaning!
25. Do not touch the appliance or the power cable with wet hands!
26. The appliance may only be connected to properly grounded 230 V ~ / 50 Hz electric wall outlets!
27. Unwind the power cable completely!
28. Do not lead the power cable on the appliance, or near the air inlet and outlet openings!
29. Do not lead the power cable under carpets, doormats, etc.!
30. Do not use extension cords or power strips to connect the appliance!
31. The appliance should be located so as to allow easy access and removal of the power plug!
32. Lead the power cable so as to prevent it from being pulled out accidentally or tripped over.
33. The appliance is intended for household use. No industrial use is permitted!

CAUTION: RISK OF ELECTRIC SHOCK!



Do not attempt to disassemble or modify the unit or its accessories.
In case any part is damaged, immediately power off the unit and seek the assistance of a specialist.

If the power cable should become damaged, it should only be replaced by the manufacturer, its service facility or similarly qualified personnel.

DO NOT COVER!



This symbol means do not cover, to avoid overheating. Do not cover or obstruct any of the heat outlet grilles or air intake openings of the heater.

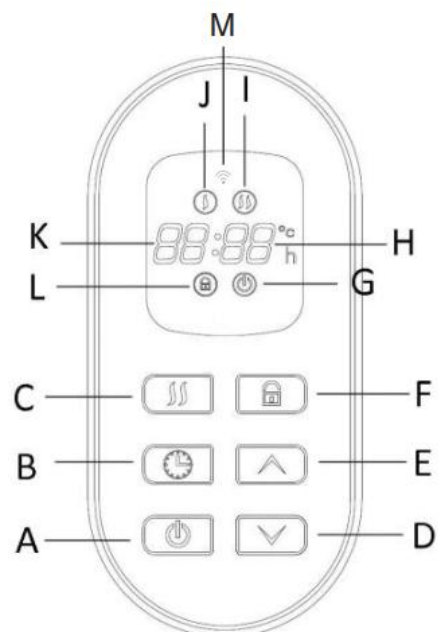
DESCRIPTION

1. Back panel
2. Control panel
3. Front panel
4. Feet



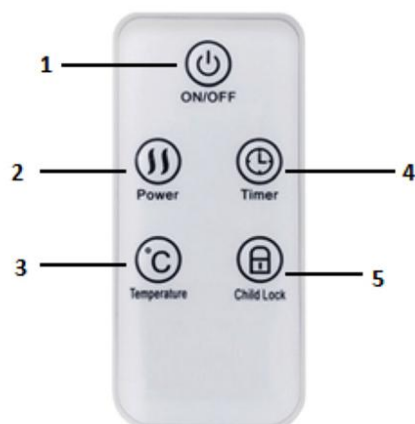
TOUCH CONTROLS

- A. On/off button
- B. Timer button
- C. Power setting
- D. Temperature setting (-)
- E. Temperature setting (+)
- F. Child lock
- G. Main power icon
- H. Set temperature or timer display
- I. High heat
- J. Low heat
- K. Room temperature display
- L. Child lock icon
- M. Wi-Fi icon



REMOTE CONTROLS

1. On/Off button
2. Power setting button
3. Temperature control button
4. Time control button
5. Child lock function button



ASSEMBLY INSTRUCTIONS

Before assembly: Take the heater out of the box and remove all packaging material. Check the installation parts are not damaged and nothing is missing.

To use the heater, it must be either wall mounted or assembled onto the castors and wheels.

FEET ASSEMBLY

Turn the appliance upside down. Attach the two feet onto the bottom of the appliance and fix with the four small screws provided for each side. Ensure the feet are aligned so that the angle matches the angle of the heater and therefore the feet will lie flat on the floor (see fig. 1). Insert the four small wheels into the two feet.

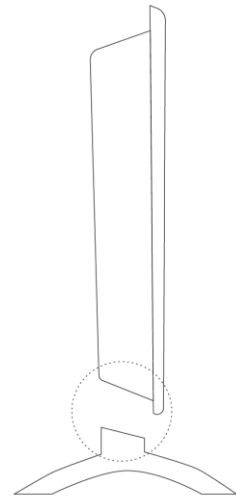
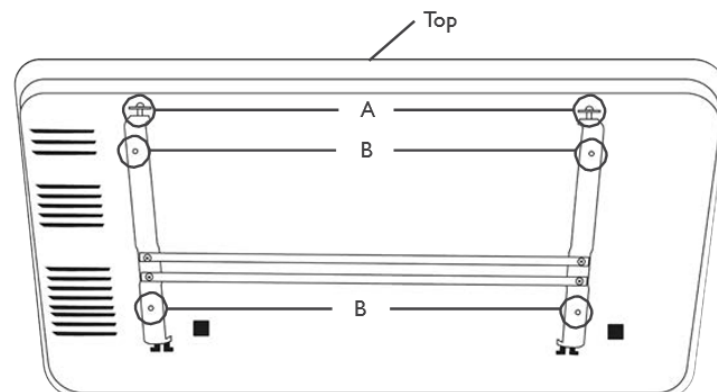


Figure 1.

WALL MOUNTING



Note: The wall mounting bracket is attached to the back of the appliance via two screws (A); these need to be released and the bracket removed before the appliance can be mounted to the wall.

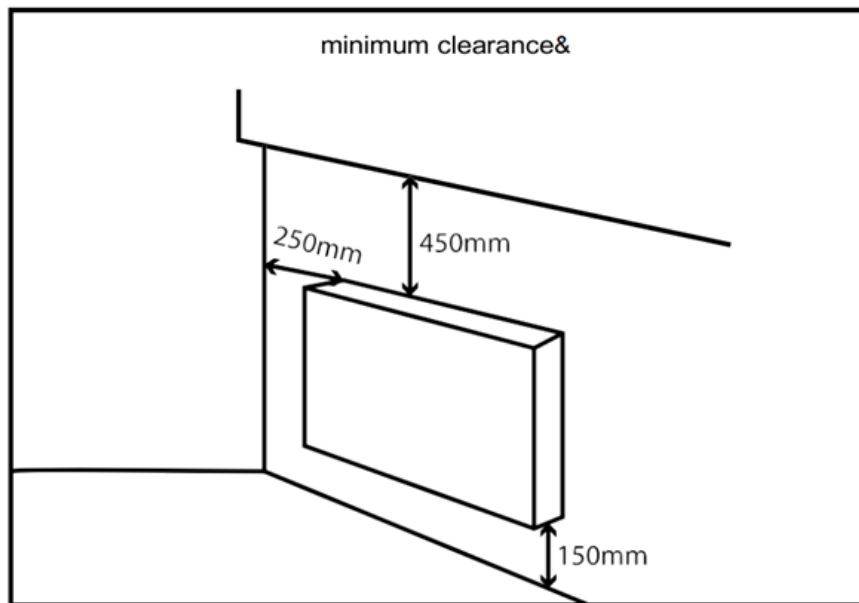
1. Remove the bracket from the back of the appliance by releasing the two top screws (A). Retain screws for use later.
2. Secure the wall mounting bracket to the desired location on the wall via the four holes on the bracket (B) using the four long screws and wall plugs provided.

Note: The panel heater should not be placed near inflammable objects such as soft furnishings (e.g. curtains, furniture.) The panel heater should be placed at least 20cm away from any nearby wall sockets.

3. Once the bracket is secured to the wall, the panel heater can be attached to the bracket and secured via the replacement of the two top screws (A).

LOCATION OF THE APPLIANCE

- The appliance should be positioned where you most need warmth.
- Do not locate the appliance under a fixed power point.
- Always ensure that the appliance is placed at least 50cm away from furniture, curtains, walls etc.
- Do not locate the appliance on a deep pile carpet. This could cause the appliance to be unstable and tip over.




PLUGGING IN THE APPLIANCE

Before plugging the appliance into the mains, ensure that your supply voltage is the same as what is shown on the rating plate of the appliance. Avoid contact between the heater and clothes, household linen, furniture, inflammable material and power socket.



- Pay attention to the position of the convector regarding other objects.
- Do not place the appliance under a power socket.

OPERATING INSTRUCTIONS



Plug the appliance into an appropriate electrical outlet. Turn on the appliance by pressing the main power switch on the side of the appliance. A beep sound will be heard, and the ambient room temperature will be shown on the display. Press the on/off button  to turn the heater on.

1. POWER SETTING

Press the power setting button  to choose the desired power setting.





If the display shows  then low heat is selected, and if the display shows  then high heat is selected.

2. TEMPERATURE SETTING

Press temperature setting button  or  to set the desired temperature between 5°C and 40°C. When the desired temperature has been set, it will show on the display panel.



3. TIMER SETTING

How to use the timer to switch off the appliance:


- Plug the appliance into a suitable wall socket, then switch the appliance to standby mode by pressing the main power button located on the side of the appliance.
- The appliance will beep to indicate it is in standby mode.
- Press the on/off button  to switch on the appliance.
- Press the timer button  to activate the timer function.
- Press the temperature setting button  or  to increase or decrease the time in 1hour increments between 1-24 hours until the desired time is reached.
- The selected time will flash on the screen to indicate that the timer has been set - the screen will then revert to showing the ambient temperature.
- Once the desired time is reached, the appliance will switch off automatically.

Note: You can review the selected turn off time at any point by pressing the timer button; the set time will flash on the screen for a few seconds before reverting back to the ambient temperature.

4. CHILD LOCK

Long press the child lock button  firmly for 5 seconds until a beep sound is heard; this will activate the child lock function. The  symbol will show on the control panel to indicate when the child lock function is activated. Long press the child lock button firmly for another 5 seconds until a beep sound is heard; this will deactivate the child lock function.

5. TURN OFF

Press the on/off button  again to turn off the appliance before turning off the main power switch and disconnecting from the mains power.

Note: The operating instructions above apply to both the Remote Control supplied with the heater and the Controls/Display on the front of the heater.



CONNECTING TO WI-FI

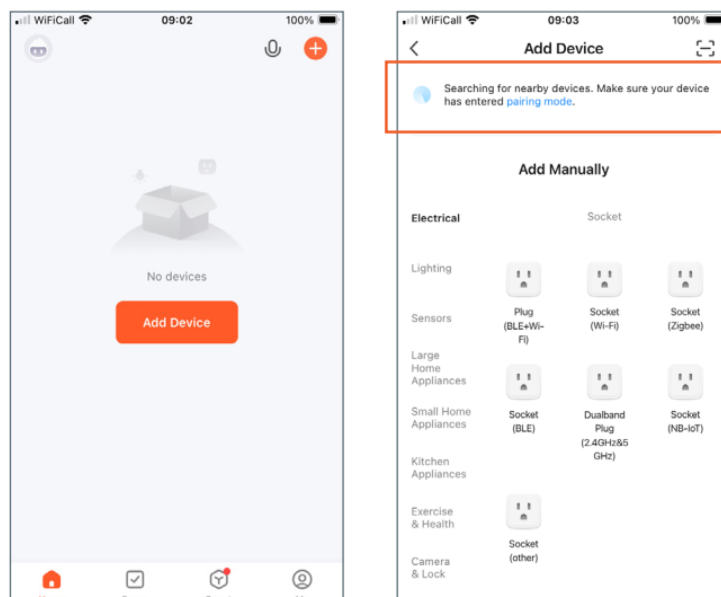
Download the Tuya app:


Scan the code below to go to the app. Press install and follow the app's Instructions to create an account.

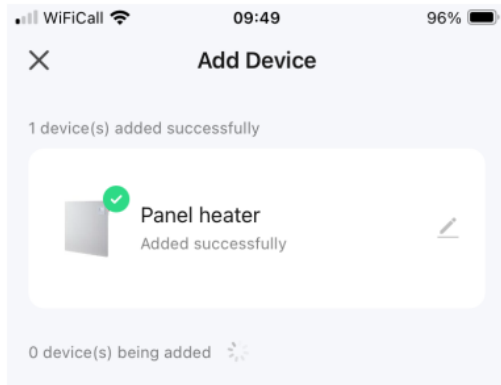


PAIRING YOUR DEVICE:

1. Switch on the product.
2. The Wi-Fi indicator light  will rapidly blink. If the indicator light does not rapidly blink press the  button for 5 seconds on the heater.
3. With the Wi-Fi indicator flashing go to the App and tap + or “add device”
The app should now start scanning as shown by the icon on the screen.
4. The app may ask you to choose your Wi-Fi network. Please enter your details and press “Next”. The app will demonstrate that it has now found the radiator (see below). Press “Add” then tap the + icon.




5. Once the radiator is successfully connected it will appear on the app. Press  icon to change the name of the radiator or “Done” to return to the Home screen.



PAIRING YOUR DEVICE SECONDARY METHOD

Note: if you are using a VPN, make sure this is disabled before continuing and ensure that a 2.4GHz Wi-Fi band is enabled for this device. This method requires Bluetooth connectivity.

- Once you are on the home page of the Tuya Smart app, Press the plus button ‘+’ on the top right hand side of the app.
- Under the ‘Add Manually’ menu, select the “Small Home Appliances” category on the left-hand side of the app. Then select “Heater (Wi-Fi)” from the devices list.
- Enter the Wi-Fi password for the network your mobile/tablet is currently connected to and then press the ‘next’ button.
- Press and hold the pairing button on your device for 5 seconds, the Wi-Fi connection indicator  will begin to flash rapidly.
- Select the ‘Confirm the indicator is blinking rapidly’ option on the App, then press the ‘next’ button to begin the pairing process.
- Shortly into the pairing process, the flashing Wi-Fi light will stop flashing and become stable. This indicates that the device has joined the network.
- Once the pairing process is complete, you can rename the device as required or press ‘Done’ to complete the pairing process.

Note: if the pairing process was not successful, follow the procedure again ensuring that the conditions for pairing have been met.

RESET TO DEFAULT SETTINGS

When in STAND BY mode, press and hold the On/Off button to reset your radiator and reinstall the original factory configuration.

The full screen will display for 3 seconds and then go to stand by press On/Off button to turn on the radiator.

CLEANING AND MAINTENANCE

- Before attempting any cleaning of the appliance, allow it to cool completely and ensure that the plug is removed from the power supply.
- To clean the appliance, use soft damp cloth without any abrasives or detergents on.
- If the heater is not going to be used for a long period of time, store the heater in a dry place - it is recommended to store the heater in the original packaging.
- Storing the heater in a damp environment could cause the heater to rust and/or affect the electronics in the heater, which are not covered by the warranty.
- Do not allow any water to enter the heater.
- Do not allow dust to build up on any part of the heater - you can use a vacuum cleaner to remove dust from the grille.

TROUBLESHOOTING GUIDE

Problem	Possible Cause	Possible Solution
The appliance does not work.	The appliance is not properly plugged into the wall socket.	Plug the appliance in firmly.
	The appliance is not switched on.	Make sure the appliance is switched on.
	There is no electricity running through the mains wall socket.	Check the fuse or breaker.
The room is too cold.	The power setting is too low.	Switch to a higher power setting.
	The temperature setting is too low.	Switch to a higher temperature setting.
	Draft from windows or door.	Block up any drafts with draft excluders.
The room is too hot.	The power setting is too high.	Switch to a lower power
	The temperature setting is too high.	Switch to a lower temperature setting.
Error code 'E2' is shown on the display	Device programme error.	Turn off appliance, leave for several minutes then turn back on.

TECHNICAL DATA:

Product	Smart Panel Heater	Smart Panel Heater
Model Number	ZENTRON	ZENTRON XL
Brand	ELIT	ELIT
Color	White	White
Wattage (W)	1500W	2000W
Voltage (V)	220-240V	220-240V
Frequency (Hz)	50Hz	50Hz
Dimensions without wheels (mm)	760x90x380	920x90x380
Dimensions with wheels (mm)	760x250x455	920x250x455
Class	1	1
Overheat Protection	Yes	Yes
Waterproof Rating	IP24	IP24

INSTRUCTIONS AND INFORMATION REGARDING THE DISPOSAL OF USED PACKAGING MATERIALS

Take the packaging material to a designated municipal waste facility.

DISPOSAL OF USED ELECTRICAL AND ELECTRONIC EQUIPMENT



This symbol on the products or accompanying documents indicates that used electrical and electronic products should not be disposed of with regular municipal waste. For proper disposal and recycling, take these products to designated collection points. Alternatively, in some European Union states or other European countries you may return your appliances to the local retailer when buying an equivalent new appliance. Correct disposal of this product helps save valuable natural resources and prevents damage to the environment caused by improper waste disposal. Ask your local authorities or collection facility for more details. In accordance with national regulations penalties may be imposed for the incorrect disposal of this type of waste.

Disposal in Other Countries Outside the European Union

This symbol is valid in the European Union. If you wish to dispose of this product, please consult your local authorities or your dealer for information on the correct method of disposal.



This appliance complies with EU rules and regulations regarding electromagnetic and electrical safety.

The text, design and technical specifications may be changed without prior notice and we reserve the right to make these changes.

Model identifier(s): ELIT ZENTRON					
Item	Symbol	Value	Unit	Item	Unit
Heat output				Type of heat output/room temperature control (select one)	
Nominal heat output	P _{nom}	1.50	kW	single stage heat output and no room temperature control	[no]
Minimum heat output (indicative)	P _{min}	0.70	kW	two or more manual stages, no room temperature control	[no]
Maximum continuous heat output	P _{max,c}	1.50	kW	with mechanic thermostat room temperature	[no]
Power consumption				with electronic thermostat room temperature	[no]
In off mode	P _o	NA	W	electronic room temperature control plus day timer	[no]
In standby mode	P _{sm}	0,41	W	electronic room temperature control plus week timer	[yes]
In idle mode	P _{idle}	0.41	W	Other control options (multiple selections possible)	
In network standby	P _{nsm}	0.45	W	room temperature control, with presence detection	[no]
Standby mode with display of information or status			[YES]	room temperature control, with open window detection	[no]
Seasonal space heating energy efficiency in active mode	η _{s,on}	92,0	%	distance control option	[yes]
				adaptive start control	[no]
				working time limitation	[no]
				black bulb sensor	[no]
				self-learning functionality	[no]
				control accuracy	[no]
Contact details	Tehno-Mag d.o.o., Slavonska avenija 53, 10000 Zagreb, Croatia				

Model identifier(s): ELIT ZENTRON XL					
Item	Symbol	Value	Unit	Item	Unit
Heat output				Type of heat output/room temperature control (select one)	
Nominal heat output	P _{nom}	2.00	kW	single stage heat output and no room temperature control	[no]
Minimum heat output (indicative)	P _{min}	1.00	kW	two or more manual stages, no room temperature control	[no]
Maximum continuous heat output	P _{max,c}	2.00	kW	with mechanic thermostat room temperature	[no]
Power consumption				with electronic thermostat room temperature	[no]
In off mode	P _o	NA	W	electronic room temperature control plus day timer	[no]
In standby mode	P _{sm}	0,41	W	electronic room temperature control plus week timer	[yes]
In idle mode	P _{idle}	0.41	W	Other control options (multiple selections possible)	
In network standby	P _{nsm}	0.45	W	room temperature control, with presence detection	[no]
Standby mode with display of information or status			[YES]	room temperature control, with open window detection	[no]
Seasonal space heating energy efficiency in active mode	η _{s,on}	92,0	%	distance control option	[yes]
				adaptive start control	[no]
				working time limitation	[no]
				black bulb sensor	[no]
				self-learning functionality	[no]
				control accuracy	[no]
Contact details	Tehno-Mag d.o.o., Slavonska avenija 53, 10000 Zagreb, Croatia				