GENERAL LIFE

SMART ROOM THERMOSTAT

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HT500 SET USER MANUAL

WHAT IS SMART ROOM THERMOSTAT?
Smart Room Thermostat is a device which allows you to control your heating equipment via App with Internet even you are not at home.

HOW DOES HT500 SET WORKS?
HT500 SET Works as being smart room thermostat when connects with power adapter. It Works as being wireless room thermostat when batteries are installed instead of adapter. In this case, the device doesn't allow to control by mobile app. Adapter should be taken for turning back to smart room thermostat usage.

WHAT ARE ADVANTAGES OF HT500 SET?
- Control your home temperature, wherever you are in the World by Smart Room Thermostat App with your mobile phone.
- Create daily or weekly programs easily by your Mobile Application.
- Using Location Mode reduces the temperature of your home when you move away from home, or increases the temperature of your home when you approach your home.
- Depending on the date range selected from the smart room thermostat's mobile application, you can get a historical report of your heating unit's working hours, the temperature of your home and the outside air temperature graphically.
- HT500 SET can placed to anywhere else in your home owing to working option with batteries.
- LCD display provides you have knowledge about your device instantly and you can control your heating unit with the buttons on device.
- HT500 SET keeps your living space desired temperature. By this means needlessly working of your heating unit is avoided. It provides %30 savings of your invoices.

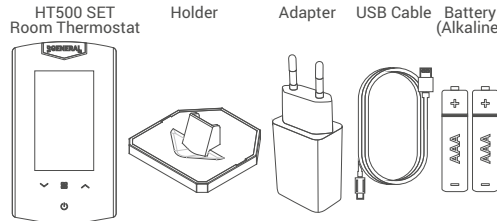### RULES TO BE CONSIDERED FOR SAFETY
1- Be sure to read the manual before using the device and its equipments.
2- Opening, disassembly or use of the plastic parts of the product and equipments other than the intended purpose are out of warranty.
3- Only original adapter and USB cable which are located inside the box should be used for power. Other accessories are a potential safety hazard and can be cause loss of your device.
4- Usage of original adapter and USB cable which are located inside the box for other devices, is a potential safety hazard. Your other devices or adapters can be damaged.
5- Please note that the voltage of the outlet where you set up your device and equipments is the recommended value in the user manual.
6- Keep away your product and all equipments from all kinds of foreign matter such as liquid, dust, heat etc.
7- Do not expose the device cables to any jamming or pressure. Pay attention to plugging in jacks and sockets as you can always reach the power connections of the devices.
8- Disconnect the power supply to prevent damage to your device and equipments during thunderstorms and lightning.
9- Disconnect the power supply if your device has not been used for a long period of time.

10- Your equipment and apparatus should be used with caution as instructed in the user manual. In case of damages and malfunctions because of external use (contact with liquid, fall into place, etc.) , ask for help from services.
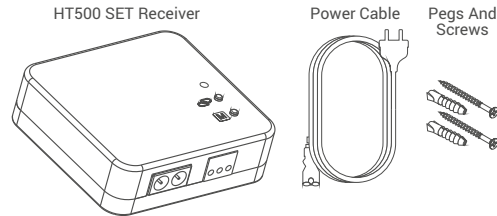11- Contact our service for maintenance and repair of the HT500 SET and its appliances. Maintenance and repair of the product and equipments should be performed by ISIPARK İÇ VE DIŞ TİC. A.Ş. service and authorized services only and accessories and equipments specified by company must be used.

1- HT500 SET AND EQUIPMENTS
THERMOSTAT EQUIPMENTS

HT500 SET Room Thermostat   Holder   Adapter   USB Cable   Battery (Alkaline)

RECEIVER EQUIPMENTS

HT500 SET Receiver   Power Cable   Pegs And Screws

2-TECHNICAL DATA
Room Thermostat Technical Data

Dimensions	131mm/74mm/25.5mm
Feeding Voltage (Usage with Adapter)	5V (DC)
Feeding Voltage (Usage with Battery)	3V DC (2xAAA alkaline battery)
Maximum Load Current (Usage with Adapter)	500 mA
Maximum Load Current (Usage with Battery)	80 mA
Temperature Measurement Sensitivity	0.1°C
Operating Sensitivity	0.5°C
Wi-Fi Connection Frequency	Wi-Fi 802.11 b/g/n @ 2.4GHz
Operating Temperature	(-10°C) − (+50°C)
Storage Temperature	(-20°C) − (+60°C)

Receiver Technical Data

Dimensions	85mm / 90mm / 28.5mm
Feeding Voltage	220V (AC)
Relay NO Switching Current	7A (240VAC − Resistive load) 10A (120VAC − Resistive load)
Operating Temperature	(-10°C) − (+50°C)
Storage Temperature	(-20°C) − (+60°C)

3- HT500 SET RECEIVER

1-Receiver LED Light
2-Sync Button:
Syncs receiver and room thermostat.
3-Manual Button:
Deactivates receiver and allows you to use boiler manually.

4-Receiver Power Cable Input
5-Boiler Connection Cable Input

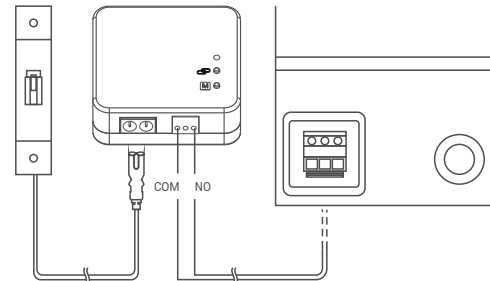## 4- HT500 SET RECEIVER PLACEMENT
The important thing to note in the HT500 SET receiver placement is that avoiding physical contact with boiler and protecting against materials such as liquid, dust etc. You can place your receiver in boiler's cabinet without physical contact with boiler.

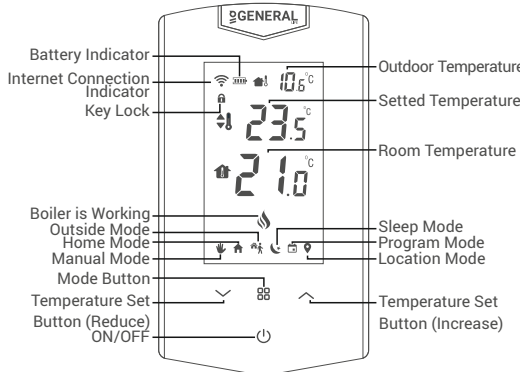**CONNECTION SCHEME**

COM   NO

5- HT500 SET RECEIVER SETUP
- Primarily, shut down electrical current which your boiler is connected (fuse, power outlet etc.)
- Connect one of the boiler connection cable to HT500 SET receiver as shown in the Connection Scheme.
- Connect other boiler connection cable end to boiler's room thermostat input as shown in the boiler's user manual.
- Connect Receiver Power Cable first to receiver then plug into. If there is no plug near your boiler, you can connect cable to your boiler's connection fuse.
- After finishing connections, turn on electrical current first, then turn on your boiler.
- You may see orange light blinks on the receiver by pressing for 2 seconds to manual usage button of receiver. After being sure that your boiler is working, press same button for 2 seconds again and see orange light disappeared.
- Setup your Room Thermostat to sync receiver with room thermostat.

Attention: Only persons who have got Professional Competence should make operations electric wiring or boiler setup.

6- SMART ROOM THERMOSTAT

Battery Indicator
Internet Connection Indicator
Key Lock
Outdoor Temperature
Setted Temperature
Room Temperature
Boiler is Working
Outside Mode
Home Mode
Manual Mode
Mode Button
Temperature Set Button (Reduce)
ON/OFF
Sleep Mode
Program Mode
Location Mode
Temperature Set Button (Increase)

" ⌄ ", " ⌃ " **Temperature Set Buttons:** Increasing or reducing the temperature while manual mode is active.

"▦" **Mode button:** Unlock keylock by pressing 2 seconds. Change the modes.

" ⏻ " **ON/OFF:** Turn off the boiler and thermostat by pressing 4 seconds.

Reset And Sync:
Sync while setup: Sync signal is sent to receiver if " ⌃ " button is pressed for 4 seconds.
Sync while using the device: First the device is setted to off-mode by pressing " ⏻ " button. Then sync signal is sent to receiver if " ⌃ " button is pressed for 4 seconds..
Wi-Fi Reset while setup: Device is reset by pressing " ⌄ " button for 4 seconds. Thus new setup can start.
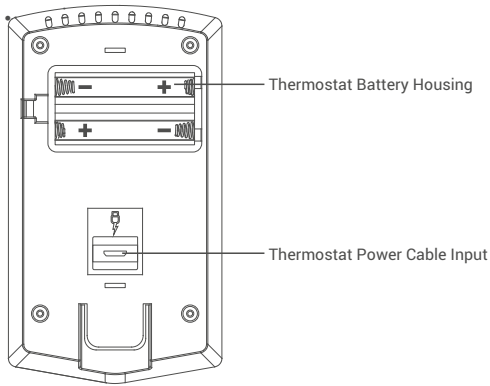**Wi-Fi Reset while using the device:** First the device is setted to off-mode by pressing " ⏻ " button. Device is reset by pressing " ⌄ " button for 4 seconds. Thus new setup can start.
Restoring to the factory settings while using the product: While the battery and adapter are installed in the product, first turn the device to off with the "⏻" button. Then reset the device by pressing and holding the " ⌄ " button for 4 seconds. After "1" item is seen on the screen of the room thermostat, wait 15 seconds, plug out the device and plug in again.

7- SMART ROOM THERMOSTAT PLACEMENT
Place your Smart Room Termostat in a room where you most use it as your living area. For example: living room. Be attentive to placement in the area of wireless internet modem zone at home by reason of the signal is sent via internet connection to room thermostat. Avoid installing the smart room thermostat where there is a lot of air circulation such as door entry or window edges. Also, do not place in places near heat units (central heating system, fireplace, etc.) and places that receive direct sunlight. We recommend that the room thermostat be placed at an altitude of 150 cm from the floor. You can try a few places to find the most suitable place.

20 cm
150 cm

Thermostat Battery Housing

Thermostat Power Cable Input

BATTERY PLACEMENT

Remove the battery housing from the back side of thermostat. Install 2 alkaline batteries to battery housing. Please be sure the directions of batteries. Assemble battery housing back. Change the both batteries together.

Warning: When the product is not used for a long time (more than 15 days), remove the batteries. Otherwise, malfunctions that will occur are out of warranty.

Warning: Please throw away dead batteries to trashes special only for batteries.

8- SMART ROOM THERMOSTAT SETUP

1- By using the adapter you received with Smart Room Thermostat, power on the device. Press " ⏻ " button, device turns off. Then reset the device by pressing to "∨" button for 4 seconds. "1" number will be seen on display. It means, smart room thermostat is ready for smart setup. Thus, smart installation can be done.

Note: Setup can't start without adapter connection. If you have a problem while installing, restore factory settings and repeat the thermostat installation.

2- Scan QR Code below via your smartphone. You can install mobile application from Apple Store or Google Play to your smartphone with that code. (You may need QR Code Reader App regarding to your phone's model and brand)

3- Complete your membership by enter into the mobile application which you downloaded.

4- Perform the instructions on the Setup page in order and complete setup.

9- MOBILE APP – MODES

With HT500 SET' s Home-Sleep-Outside-Program-Location and Manual mods, you can warm up as you want and you can save money.

🏠 Home Mode will fix temperature on set value. Recommended to use when you are at home.

☾ Sleep Mode provides you comfy sleep with set temperature you desire. You can use this mode between 11 pm to 7 am which is common sleeping hours.

🚶 Outside Mode is suggested to use when you are outside of your house for short or long time.

📅 Program Mode allows you to program weekly as 30 minute time periods which will automatically change temperature in your home with your program.

📍 Location Mode reduces the temperature of your home when you move away from home, or increases the temperature of your home when you approach your home.

✋ Manual Mode allows you to set the degree to which you can determine the warmth of your home.

10- RECEIVER LED LIGHT COLOR EXPLANATIONS

Steady Red	Receiver has power but Receiver and Room Thermostat are not paired.
Blinking Green	Waiting for pairing signal from Room Thermostat.
Steady Green	Receiver and Room Thermostat are paired. Boiler is not operating.
3 Short Orange Blinking	Operate the boiler signal has reached to the Receiver.
Steady Orange	Boiler is operating.
3 Short Green Blinking	Shut the boiler down signal has reached to the Receiver.
Blinking Orange	Boiler is operating in manual mode.
Blinking Red	Receiver did not get a signal from the Room Thermostat for 22 minutes or longer and boiler has shut down.

DECLARATION OF CONFORMITY

ISIPARK İÇ VE DIŞ TİC. İNŞ. ISITMA SİSTEMLERİ OTO. SAN.A.Ş.which Head Office and production site is located on Fatih Mah. 1188 Sk.No:13/A Sarnıç - Gaziemir - İZMİR – TÜRKİYE confirms and declares that the product marked with CE and its specifications below is covered by the provisions of the mentioned directive.

Brand : GENERAL Life
Product Name : HT500 SET
Product Type : Smart Room Thermostat

The product manufactured by ISIPARK and mentioned above is connected wirelessly at 2.4 Ghz internet and periodically shares the temperature and status information with the server on the internet.
Compatible Directives:
Radio and Telecommunication Terminal Equipment Regulation 2014/53/EU (R&TTE/RED EN 301 489-1 V2.1.1:2017,
EN 300 220-1 V3.1.1:2017, EN 301 489-3 V2.1.1:2017,
EN 300 220-2 V3.1.1:2017, EN 62479: 2010, EN 60730-2-9:2010,
EN 60730-1:2011)
Electromagnetic Compatibility Regulation 2014/30/EU
(EMC EN 61000-6-3: 2007 + A1: 2011, EN 61000-6-1: 2007)
Low Voltage Directive 2014/35/EU
(LVD EN 60730-2-9:2010, EN 60730-1:2011)
Supplementary Information: Mentioned product can be used with combi boilers with on / off output and compatibility with the directive only covers the product. ISIPARK is not responsible for the compliance of the entire system with the directive. This declaration does not apply when changes are made to the product without obtaining our consent.

CE RED

ISIPARK İÇ VE DIŞ TİC. İNŞ.ISIT.SİS. OTO.SAN.A.Ş.
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Tel: (0232) 457 99 50/Fax:(0232) 457 91 22
Mersis No:0466062137000016
Gaziemir V.D. 466 073 1206

WARRANTY CONDITIONS

1-The warranty period starts from the invoice date and warranted against manufacturing defects for 5 years.

2-Devices and apparatus are delivered to the customer in working condition in our company. On-site commissioning is subject to a service fee.

3-The repair of the devices and apparatus covered by the warranty is carried out in our company factory and should send by contracted transportation company. In on-site services, the transportation and accommodation expenses of the service personnel belong to the customer. The shift fee during transportation is added to the service fee and collected in advance.

4-The maintenance of devices and apparatus is done in our company. For the maintenance of the devices and apparatus, the round travel fares belongs to the customer.

5-In case of malfunctioning of the devices and apparatus whose warranty period continues, it is tested in our company whether the malfunction is caused by a customer or manufacturer fault, and it is reported with a report issued by our company.

6-In case of detection of manufacturer-induced errors of devices and apparatus whose warranty period continues, the customer can request a replacement or repair of the devices and apparatus at full expense by the manufacturer, unless it's higher than the product's price

7-In the event that the faults of the devices and apparatus whose warranty period continues are determined as caused by the customer, all expenses would be belong to the customer.

8-Customers should be aware of damages (if there is any) of product and warn manufacturer since the day warranty duration starts.If customer do not warn manufacturer with knowledge of damage, customer lose the rights of article 6.

9-Malfunctions resulting from the use of devices and apparatus contrary to the matters stated in the User Manual are not covered by the warranty.

10-Devices and their apparatus are out of warranty if they are beaten, broken or scratched by the customer.

11-Damages resulting from the use of devices and apparatus belonging to other brands and models without the approval of the manufacturer are not covered by the warranty.

12-Battery leakage and errors due to rust, oxidation and liquid contact by working in acidic / humid environments are not covered by the warranty.

13-When the product is not used for a long period (more than 15 days), remove the batteries. Otherwise, malfunctions that will occur are out of warranty.

14-Damages that may occur during the transportation of devices and apparatus are not covered by the warranty. Customers can take a transportation insurance.

15-Damages caused by mains voltage / faulty electrical installation are not covered by the warranty.

16-Devices and apparatuses are out of warranty for malfunctions caused by force majeure such as fire, flood, earthquake etc.

17-All of the devices and apparatuses, including all their parts, are under the warranty of our company.

18-In case of malfunction of the devices and apparatuses within the warranty period, the time spent during repairment period is added to the warranty period. The repair period of the product cannot exceed 20 working days. This period starts from the date of notification to the service station of the malfunction related to the product or, in the absence of a service station, to the seller, dealer, agency, representative, importer or manufacturer of the product. Consumer can report the problem by; phone, fax, e-mail, registered and reply paid letter or a similar way. However, in case of a conflict, responsibility of prove is belong to the customer. If the malfunction of the product is not repaired within 20 working days, the manufacturer-producer or importer; has to allocate another product with similar features to the use of the consumer until the repair of the product is completed,

19-Although the consumer uses his/her repair rights,
-If the product breaks down for 4 times in a year or 6 times in warranty duration and these problems effects main purpose of the product.
(starting from delivery time during warranty.)
- Exceeding the maximum time required for repair,
- In the event that the service station is not available, if it is determined that the repair of the defect is not possible with the report prepared (in order) by one of the seller, dealer, agency, representative, importer or manufacturer, a refund or a price discount at the rate of defect can be requested.

20-The customer can make complaints and appeals to consumer courts or consumer arbitration committees.

21-The warranty document must be kept by the customer during the warranty period. If the document is lost, a second document will not be issued. In case of loss, repair and replacement of devices and apparatus will be made for a fee.

V-01.2021