

# ANTARES<sup>®</sup>

for water and fire

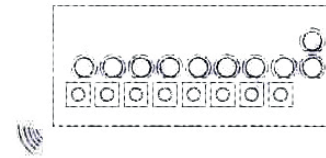
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**T.241.08**

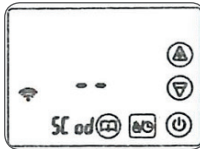
**UK**



## Code pairing method



Press the button for 3 seconds until the corresponding indicator is red and flashing, name entered the code pairing state.  
Code pairing successful that will quit back to the work state.  
It will quit the code pairing without operation in 30 seconds.

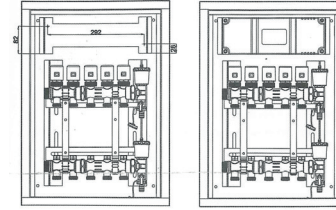


**5COD Start to code pairing**  
Press + and - key to start code pairing with receiver  
LCD display-symbol flash 3 times

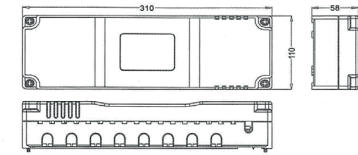


**6PA Select the wireless transmission power**  
Press + or - key to modify the power  
Set range: 0-3, is Min, 3 is Max.  
Press OFF key to quit the advanced setting.

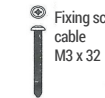
## Mounting space



## Dimensions (mm)



## Accessories



Cable fix

18 pieces staple fixed screws; 5 pieces box fixed screws;  
9 pieces staple; pieces instruction  
Wiring diagram  
Pump (increasing the circulating pump)  
230 VAC Pump Incoming 230VAC

## Wireless multichannel receiver T.241.08

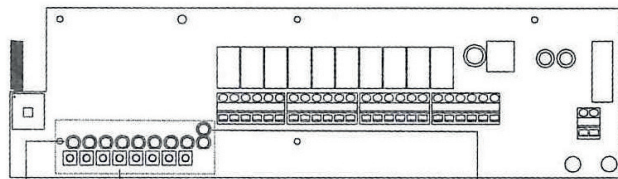
### Description of work state

• Many to one wireless receiver with 8-loop individual output actuators to control the circuit, which is apply to control the motorized valve of water heating.

### Parameter

- Voltage: AC 230V +10/-15%
- Power consumption: 2VA
- Feed: Max 3A
- Transmission frequency: 433Mhz
- Effective transmission distance: 200 m free space
- Environment temperature: -5/50 °C
- Protective housing: IP40
- Materiale: fireproof PC
- Pump linkage: 230V
- Boiler linkage: Contact switch with potential-free and normal open NO
- Temperature: <95% UR
- Weight: 1 kg

### Description of working status



Buttons 1~8

Indicator B

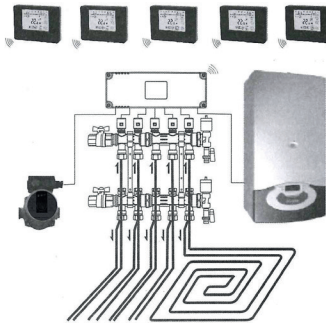
Indicator A1 ~ A8  
Red bright long - On heating  
Red flashing - Code pairing

Red bright long - Power  
Red flashing - Receiving Signal

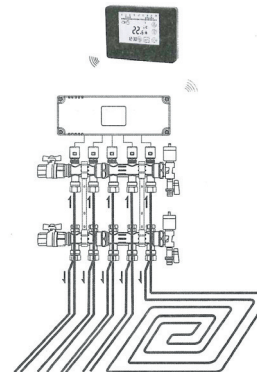
- 1~8 buttons correspond to A1-A8 indicators
- The indicator B is red when in power on.
- The indicator B is red and flashing when receiving date
- The indicator A is red and flashing when in code pairing
- The indicator A is red when in heating

After finish the code pairing, the receiver gets the heating signal, indicator is red and the relay works.

### Application I: Individual room controlling



### Application II: One thermostat with multi-loop manifolds



## Linkage control

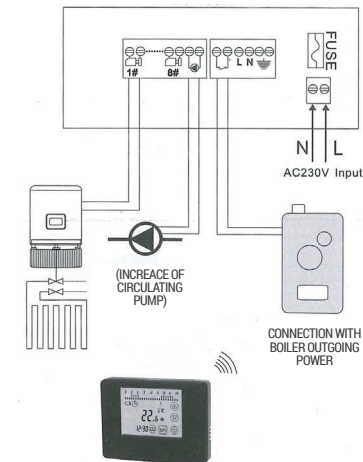
The receiver with two outputs of linkage sub-control:



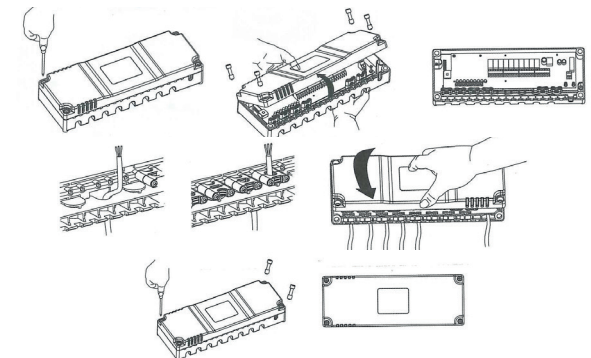
- 1) Boiler linkage control is contact switch with potential-free and normal open, that delay for 2 minutes.
- 2) Increasing pressure of pump linkage control which is AC230V power, Output

Any room has heating requirement (the actuators open gradually)  
Pump and boiler will start after 2 minutes delay.  
All rooms stop heating (the actuator close gradually)  
Pump and boiler stop work instant.

## Boiler connecting with the potential-free output.



## Assembly



1. Take out 4 pieces screw with screwdriver to open the cover.
2. Cross the wire through the hole and fixed with staple.
3. After finish the wiring, fixed the box with 2 piece screw, and fixed the box in the mounting space, then fixed the cover