

IB-TR1000 Thermostat Instructions

(Part I)

Model Definition:


This thermostat is a combination model allowing you to choose between 3 different models. A, AF and F model. (Simply by pressing a button)

A model: air only, with built in sensor


AF model: air & floor, with both built in and remote sensor


F model: floor only, with remote sensor


Buttons and LCD display


 Turning on/off thermostat

 Program button to set comfort levels


 Change temperature modes, Auto, Manual comfort, Manual economy, Manual vacation

 Increase the set value

 Decrease the set value

 Choose between 3 models. A, AF and F model.

 Confirm the setting

 Set the week days

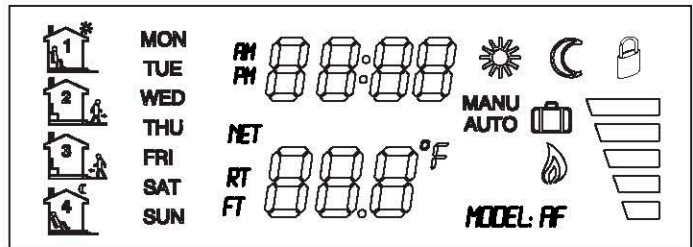
 Set the time

 Delete the setting

 Set the comfort temperature value

 Set the economy temperature value

 Set the vacation temperature value



RT indicates room temperature and FT indicates floor temperature

"MANU" indicates manual mode, "AUTO" indicates automatic mode.


In MANU mode, the thermostat maintains a constant set temperature.


In AUTO mode, the thermostat will follow the scheduled programme.

Temperature set points:





 This icon displays when the buttons are locked.







 This indicates the heating is turned on

 These bars indicate the difference of set temperature and room temperature, more bars means more difference

Setting your thermostat- follow the easy steps below.


Setting the time and day


Press  button to select the correct day of the week and press  button to confirm the setting.





Press  button and the time will start to flash. Press  and  button to adjust the time. Press and hold  or  will make the adjustment faster. Press  button to confirm the setting.





Setting the default temperatures





The  symbol means the highest temperature you want to achieve, this is the temperature that will be required when the room is in use.

The  symbol means the lowest temperature, the temperature you want to go no lower than when the room is not in use.

The  symbol means holiday mode (this is set to stop your floor from going below the set temperature).

Press  button to select comfort temperature mode, the temperature setpoint will now flash. Press  and  button to adjust to the desired temperature (usually between 20-23 deg C). Press  button to confirm the setting.

Press  button to select economy temperature mode, the temperature setpoint will now flash. Press  and  button to adjust to the desired temperature (usually between 15-18 deg C). Press  button to confirm the setting.

Press  button to select holiday temperature mode, the temperature setpoint will now flash. Press  and  button to adjust to the desired temperature (usually between 5-10 deg C). Press  button to confirm the setting.

Please Note: One of the following error messages will appear if one of these problems occur:-

LO - This error means that the room or floor temperature is below 0°C

HI - This error means that the room or floor temperature is greater than 50°C

If the floor sensor is short-circuit or broken, the LCD will display "Err" and the thermostat will cut off output.

 This product should be installed by a qualified electrician.





See overleaf for further setting up information

IB-TR1000 Thermostat Instructions



(Part II)

Program the comfort levels

Default Factory settings

- Setting 1  06:00 heating will turn to comfort mode (Default 20°C)
- Setting 2  08:30 heating will turn to economy mode (Default 18°C)
- Setting 3  16:00 heating will turn to comfort mode (Default 20°C)
- Setting 4  23:00 heating will turn to economy mode (Default 18°C)





The above settings are factory set programs that work in "AUTO" mode, the thermostat will automatically change between comfort and economy at the set times. The set times can be changed by using the following instructions.

Press  button to select the program number (e.g. )

Press  button to select the day (press and hold for 5 seconds to choose all days)






Press  button to set the start time (use  ,  buttons to set the desired time and confirm by  button)

Setting the floor limit (in AF model only)


- press and hold the  button for 5 seconds;
- press  or  button to adjust the set temperature (default is 40°C, and the setting range is 5-40°C)
- press  button to confirm the setting.

Temperature calibration

This thermostat can be calibrated by following the instructions below.

- Press and hold both  and  button for 3 seconds, the temperature display will start flashing.
- Press  or  button to adjust the temperature.
- press  button to confirm the setting.








Checking floor temperature in AF model

Press and hold  button for 3 seconds to check the floor temperature. Press any other button or wait for 1 minute to return to room temperature

Wiring Diagram



Other functions

-   > press and hold for 3 seconds to restore factory setting
-   > press and hold for 3 seconds to calibrate the temperature
-   > press and hold for 3 seconds to choose 12/24 Hours clock system
-  > press and hold for 3 seconds to lock/unlock buttons



This product should be installed by a qualified electrician.

This thermostat is rated at 16A, 3500 Watts.