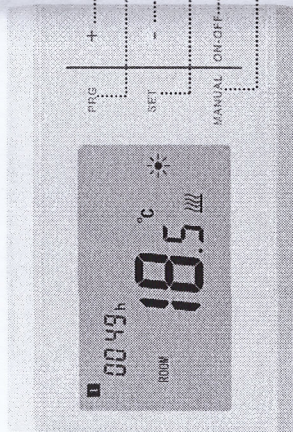


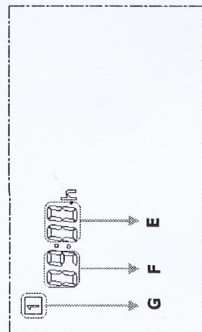
Mechanical Design

The unit consists of two parts:

- A plastic housing with digital display, which accommodates the electronics, the operating elements and the built-in room temperatures sensor.
- A mounting base. The housing engages in the mounting base and snaps on. The base carries the screw terminals.



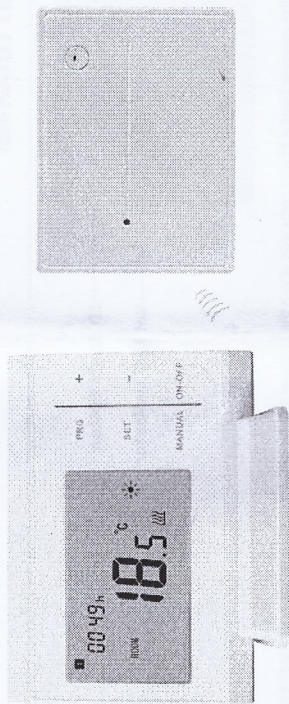
Time Adjust and Mode Temp. Setting



To set the time and day with following steps(Pic.2):

- 1). Press **Set** button and hold 3 seconds, the minutes display flash(E), change the values by up and down button. (each press is one minutes)
- 2). Press **Set** button, the hour display flash(F), change the hour by up and down button. (each press is one hour)
- 3). Press **Set** button, the day display flash(G) as a number, change this value by up and down button. Use 1 for Monday, 2 for Tuesday, 3 for Wednesday, 4 for Thursday, 5 for Friday, 6 for Saturday, 7 for Sunday.

This wireless radio thermostat has been developed to be able to switch radiant heating on and off using a set temperature and time.



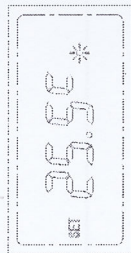
Functions

- ✓ Large display can be clearly read with the background lighting.
- ✓ Easy to fit thermostat and receiver.
- ✓ Six buttons make it easy to use.
- ✓ 7 days 24 hours programmable to on/off device
- ✓ The display shows the set temperature as well as the measured temperature, time.
- ✓ Temperature display in degrees Celsius.
- ✓ The thermostat is supplied with a wall-fixing frame, base and a very compact receiver (surface-mounted).

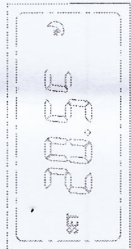
Technical Data

Thermostat Operating Voltage:	2 x AAA 1.5 V, alkaline batteries.
Backup Storage:	EEPROM
Receiver Current Load:	10A
Frequency:	868 MHz.
Channel selection:	By programming the thermostat and the receiver.
Switching options:	7 days 24 hours.
Receiver switch contacts:	NO and NC.
Temperature settings:	5°C ~ 30°C, 0.5°C increments.
Accuracy:	+/- 0.5°C (+/- 1°F).
Thermostat dimensions:	Surface mounted, 135mm x 88 mm x 22mm.
Receiver dimensions:	Surface mounted, 128mm x 70 mm x 41.44mm.
Color:	White
IP protection rating:	20.
Certification:	CE.

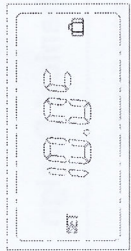
After time and day adjust, you can continue following step to pre-set the mode temp.



Pic.A



Pic.B



Pic.C

- 4). Press **Set** button, the Holiday mode temp. display flash (Pic.C), change the values by up and down button.
- 5). Press **Set** button, the Economy mode temp. display flash (Pic.B), change the values by up and down button.
- 5). Press **Set** button, the Comfort mode temp. display flash (Pic.A), change the values by up and down button.

The comfort function is displayed as a * symbol (e.g. 25.5°C).
 The Economy function is displayed as a → symbol (e.g. 20.5°C).
 The holiday function is displayed as a □ symbol (e.g. 10°C).

RRG. Schedule Setting

The thermostat provides the option to programme 24 time settings, irrespective of the day, i.e. a total of 168 switching programmes per week. These are shown in the display with a series of figures at the bottom of the display.

0 1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20 21 22 23

When the hour set to be ON, then the hour will show as **2** with square and digit on the display.
 If off, then no square occur. For example, if the time schedule as below, then the 24 program will show as picture.

Monday	
Period	00:00~06:00 OFF
Period	07:00~09:00 ON
Period	10:00~17:00 OFF
Period	18:00~23:00 ON

Square Example:

7 8 9
18 19 20 21 22 23

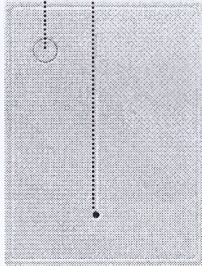
Temp. Calibration

The measured temperature is easy to calibrate. Only use this function if the measured temperature deviates (this happens if you place the thermostat in a drawer or similar).

- Turn Thermostat off, press and hold the **MANUAL** button for 3 seconds; the code **6C6A** (ID Code) will be shown in the top left.

- Use the + and - buttons to set the temperature value. This value can be adjusted by -8 to +8°C.
- Press the **MANUAL** button on the thermostat to save this function and leave the menu

Match with receiver



.....ID Study Button

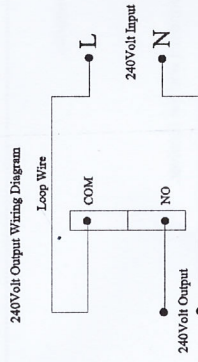
.....Set LED Indicator

The thermostat and the receiver have a binary code with which the channel can be set. The receiver has a ID study button to link it with the thermostat, which in turn has a button to link it. This linking has usually already been activated. Should this not be the case, the following steps can be taken.

- 1). Press the ID study button on the receiver; the green LED light will flash.
- 2). Turn off transmitter, press and hold the **MANUAL** button on the thermostat for 3 seconds. You will find 6C6A (ID Code) show on the screen, then press **MANUAL** button again, You will hear a buzzing sound and the LED light(G) on the receiver will stop blinking.
- 3). The thermostat and the receiver are now linked.

Connection Diagrams

Type A:



Type B:

