Wireless Thermostat
CCRC30F-KIT

OWNER'S MANUAL

1. INTRODUCTION

Congratulations on your purchase of this
Wireless Thermostat, CCRC30F-KIT

Please take the time to read and understand
this manual so you can begin to enjoy the
convenience and features this product brings to you.

The wireless thermostat is suitable for many kinds of
heating device and protect some home appliances.

It will automatically turn on/off heating device as
the ambient temperature changing,in order to maintain
a constant room temperature.

2. DESCRIPTION

1. Green LED indicator

2. *LCD part:* Display wireless thermostat
   ON or **OFF** status

3. *LCD part:* Display the *CURRENT*
   temperature in °C/°F

4. *LCD part:* Display the *TARGET*
   temperature in °C/°F

5. *LEFT* button: + / **ON**, Set the target
   temperature/Always ON

6. *RIGHT* button: - / **OFF**, Set the target
   temperature/Always OFF

* *°C/ °F Switchable:*
  Hold and press 5 & 6 at the same time
  about 3 seconds, then it will swtich between *°C/ °F*

3. DESCRIPTION

7. Red LED indicator and LOGO Label

8. The child protection Plug, UK Type

9. Rating Label

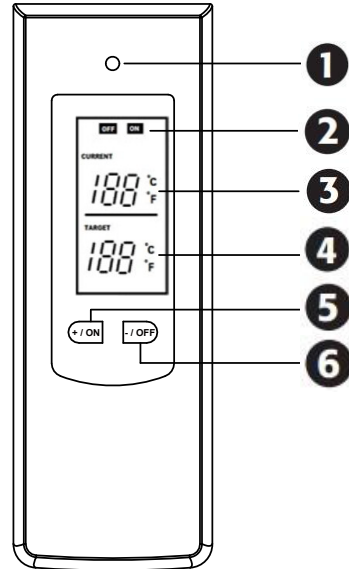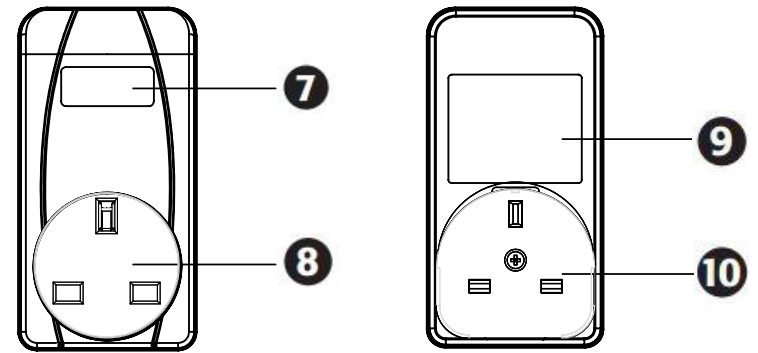10. The child protection Socket,UK Type

FEATURES:

- Current Temperature
- Target Temperature
- Automatic ON/OFF
- Always ON/OFF
- °C/°F Switchable
- Low Battery Warning
- Low Temperature Warning
- High Temperature Warning
- Memory Settings
- Room Thermostat
- 433 Mhz RF technology
- Multi-Channels
- 13A,3250W
- 250V,50HZ

CCRC30F-KIT

4. AUTO CODING

Thermostat controal is always in transmitting status,when
RC30F-PLUG is plugged into home electricity for the first
time,the red LED indicator 7 will be flashing, this means
it is in auto coding status:

If can't search any transmite signal from thermsotat control unit
It will flash 2 minutes and then exit the coding progress.

If can search transmite signal, it will be back to normal.
It means coding sucessful.

● *Memory Function:*
All the settings will be memoried even if cut off power
It includes code pairing method, target temperature settings.

● *Low Battery Warning:*
This product can be with 2pcs*1.5VAA battery,
°C/°F symbol will be flashing when the battery is lower
than 2.7V,

5. AUTO OPERATION

Press 5 or 6 to choose the target temperature:
Resolution: ±1°C or ±1°F

* When the *TARGET* temperature is higher
  than the *CURRENT* temperature:

1. In Figure 1, *CURRENT*(20°C)<*TARGET*(30°C)
2. The wireless thermostat sends commands to all the
   sockets to turn ON the connected heating device.
3. LCD display ON symbol
4. The red LED indicator 7 is ON
5. The connected heating device will be in working
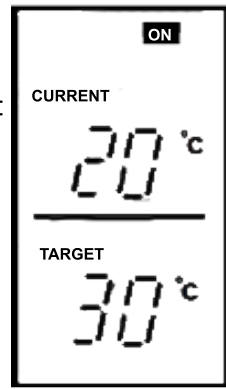   status to warm the house.

Fig.1

6. AUTO OPERATION

As the heating device working, the *CURRENT*
temperature will be increasing and approach the
same as the *TARGET* temperature:

1. In Figure 2,*CURRENT*(30°C)=*TARGET*(30°C)
2. The wireless thermostat sends commands to all
   the sockets to turn OFF CCRC30F-PLUG.
3. LCD display OFF symbol
4. The red LED indicator 7 is OFF
5. All the sockets remain OFF status until the
   temperature drops 1°C (TARGET - 1°C.)
   in this case the ON command is sent to
   all the sockets, turn ON the connected heating device once again.

* So the room temperature will automatically remain:
  Target Temp. ≥ Room Temp. ≥ Target Temp.-1°C

* Thermostat control will detect temperature and transmit signal
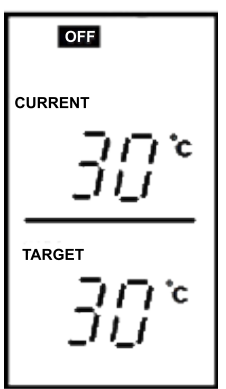 every 20 seconds, so there are some time delay in auto operation.

Fig.2

7. ALWAYS ON

Users can manually change the work mode to **Always ON**
or **Always OFF** whatever the thermostat is in ON or OFF status:

Always ON Mode:
Hold and press 5 more than 3 seconds
Wireless thermostat will be change to
Always ON status, the connected heater
will be always heating.
And the Target temperature will be disappeared
from the LCD, LCD part shows ON,all the
connected socket is kept ON status,shows in Fig 3.

● *It will be back to auto operaion just by keep pressing* 5 *once again
more than 3 seconds*

Fig.3

8. ALWAYS OFF

Always OFF Mode:
Hold and press 6 more than 3 seconds.
Wireless thermostat will be change to
Always OFF status,the connected heater
will be always OFF.
And the Target temperature will be disappear
from the LCD, LCD part shows OFF,all the
connected socket is kept OFF status,shows in Fig 4.

● *It will be back to auto operaion just by keep pressing* 6 *once again
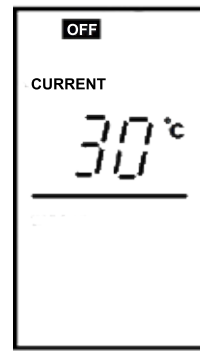more than 3 seconds*

Fig.4

9. SPECIFICAITON

CCWT450RCF, Remote thermostat control:

- **CURRENT** temp. range: 0°C~60°C or 32°F~140°F
- **TARGET** temp. range: 0°C~ 60°C or 32°F~140°F
- Temperature Resolution : ±1°C or ±1°F
- Each Press of LEFT/RIGHT Button: ±1°C or ±1°F
- 2pcs*1.5V AA battery
- Wall Mount Holder & Table Stand

CCRC30F-PLUG , Plug in Socket:

- Connection: 250 V ~ 50 Hz
- Transmission frequency: 433.92 MHz
- Maximum Rating: 3250W,13 A
- Maximum range: 40 meters in open area
- EU,French,UK,Italy,Swiss,USA plug/socket optional