

INSTRUCTIONS

FOR INSTALLING AND USING
ONE-CHANNEL ON/OFF RECEIVER



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OVERVIEW

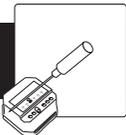
ONE-CHANNEL RADIO RECEIVER.

Thank you for choosing IMHOTEP Création and congratulations on your purchase of an IMHOTEP Création product.

This one-channel radio receiver has been designed for use with room thermostats and with programmable room thermostats.

The thermostat communicates with the receiver by means of a wireless link which employs radio signals.

The receiver is equipped with a voltage-free relay output with a double-throw contact.



INSTALLATION

Two possible locations :

- Mount the receiver on a wall in the watertight box provided (with protection rating of IP 44), on one of the sides or on the underside of the heating equipment that it is going to control. Ensure that the connection cables are firmly attached to it, in accordance with the applicable installation standard for the type of system installed.

- Mount the receiver in a built-in box (with a protection rating of IP 20) near to the equipment that it is going to control, away from water spatter risks.



LINKING THE RECEIVER TO A ROOM THERMOSTAT

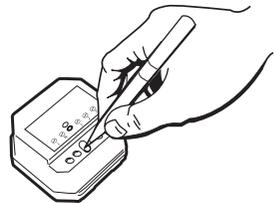
To configure your equipment you need to get the receiver to register the code emitted by the thermostat, which sends «Switch On» and «Switch Off» commands to it.

You therefore have to link the receiver to a programmable room thermostat or to a non-programmable room thermostat.

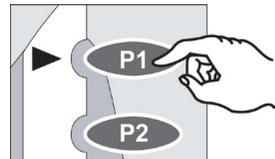
The set-up procedures must be carried out by a qualified professional installer.

● Linking the Receiver to a programmable room thermostat

1- On the receiver, press the **Memo** button briefly. The red light will light up. If you make a mistake, press the same button again briefly to cancel the set-up procedure.



2- Press and hold down one of the programme buttons **P1** to **P4** for 5 seconds.



3- The radio symbol  on the thermostat will light up briefly to indicate that the message has been transmitted and the  symbol will indicate that the heating is being switched on.



4- When the receiver gets this message, the red light on the receiver switches off.

A link between the thermostat and the receiver has been created successfully.

Deleting the memorised code, press the **Memo** button on the receiver and hold it down for at least 15 seconds.



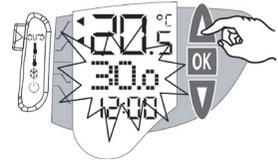
LINKING THE RECEIVER TO A ROOM THERMOSTAT

● Checking that a link has been set up

To check that a link between the programmable room thermostat and the receiver has been successfully set up.

- When in the auto mode :

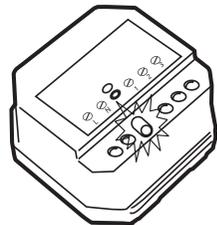
1- Press the  button to bring the desired temperature setting up to 30°C.



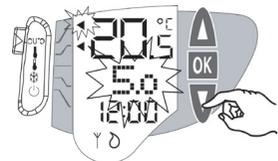
2- The radio symbol  on the thermostat will light up briefly to indicate that the message has been transmitted and the  symbol indicates that the heating is being switched on.



3- When the receiver gets the message, the red light on the receiver switches on.



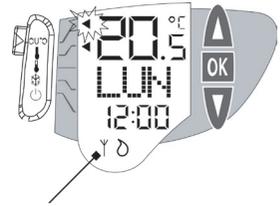
4- Press the  button to bring the desired temperature setting down to 5°C.





LINKING THE RECEIVER TO A ROOM THERMOSTAT

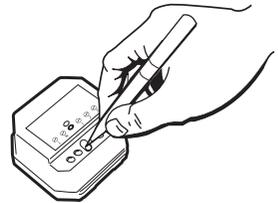
5- The radio symbol  will light up briefly to indicate that the message has been transmitted and the  symbol will disappear meaning that the heating is being switched off.



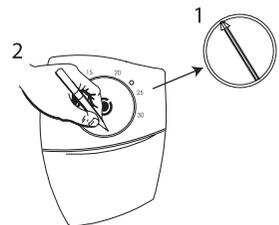
6- When the receiver has received the message emitted by the thermostat, the red light on the receiver switches off. Change the mode setting from Auto to Comfort Mode, then set it back to Auto Mode. A link between the thermostat and the receiver has been successfully created. If not, re-do step 4.1 above.

● Linking the receiver to a room thermostat

1- On the receiver, press the **Memo** button. The red light will light up.
If you make a mistake, press the same button again briefly to cancel the set-up procedure.

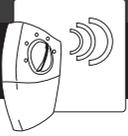


2- On the thermostat, remove the temperature setting cap and press the push-button briefly (see thermostat instructions).
The indicator light on the thermostat will come on briefly to indicate that the message has been transmitted.



3- When the message has been received by the receiver, the red light on the receiver switches on. A link between the thermostat and the receiver has been created successfully.

4- Deleting the memorised code : press the **Memo** button on the receiver and hold it down for at least 15 seconds.

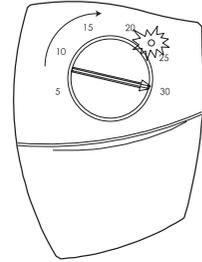


LINKING THE RECEIVER TO A ROOM THERMOSTAT

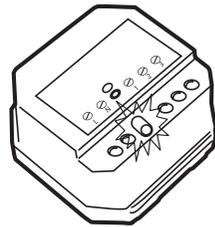
● Checking that a link has been set up

To check that a link between the thermostat and the receiver has been successfully set up :

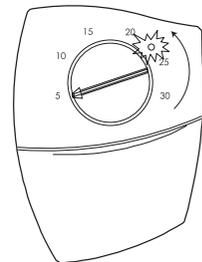
1- Set the desired temperature setting on the thermostat to its maximum setting.
The indicator light on the thermostat will come on briefly to indicate that the message has been transmitted.



2- When the message has been received by the receiver, the red light on the receiver switches on.



3- Set the desired temperature setting on the thermostat to its minimum setting.
The indicator light on the thermostat will come on briefly to indicate that once again the message has been successfully transmitted.



4- When the message has been received by the receiver, the red light on the receiver switches off.
A link between the thermostat and the receiver has been successfully created.
If not, re-do step 4.3 above.



TROUBLESHOOTING

The receiver is not working.

- No power supply to receiver : check the circuit breaker or the fuse in the power supply circuit.
- The thermostat-receiver link has not been created successfully. Re-do the link set-up procedure (see page 3).
- Check the batteries in the thermostat to which it is linked.
- Another emitter may be causing inference which is preventing the link between the thermostat and the receiver from working properly.

The receiver is out of the range of the thermostat's emitter.

- Shorten the distance between the emitter and the receiver. To operate optimally, the thermostat should be positioned at the centre of the house, or of the apartment, or of the area to be covered.

Radio wave interference - e.g. from amateur radio, from a TV screen, etc. - is affecting the operation of the receiver.

- Identify the source of the interference which is causing the problem and move it away from the equipment.

Interference is affecting the thermostat's emitter.

- Move the emitter away from the area being affected by interference.

If the problem persists, contact the After-Sales Service Department.

TECHNICAL SPECIFICATIONS

Power supply : 230 V AC +10% / -20%, 50 Hz.

Relay output : one voltage-free relay output with a double-throw contact, 10 A, 230 V AC 1 100,000 cycles.

Standards :

- Safety standard: EN 60730-1 / 2-9 class II.
- Radio standard: EN 300220-3 / EN 301489-3.

Environment :

- Operation : 0°C to +60°C.
 - Storage : -20°C to +60°C.
 - Humidity : 80% at 20°C (without condensation).
 - Protection rating IP 44 when installed in the box provided (EN 60529).
- Radio receiver, frequency 868.3 MHz.
Can be used throughout Europe.

Manufactured by IMHOTEP création FRANCE (contact@imhotepcreation.com)



The logo,  on this product indicates that it must be taken, at the end of its life cycle, to a special collection centre, in accordance with Directive WEEE 2002/96/EC.

The product must not be treated as normal household waste. If you are replacing it you can also return it to your distributor.

Recycling equipment in this way enables us to preserve our environment and to use fewer natural resources.

Compliant with Directive RoHS 2002/95/EC.

Compliance declaration : we hereby declare under our sole responsibility that the products described in these instructions comply with all the main requirements of the R&TTE 1999/5/EC Directives, and are manufactured using processes that are certified ISO 9001 : 2000.



