

# WIRELESS Plug MOUNTING RECEIVER



**V25**

## 1. Presentation

- The V25 receiver is a plug mounting receiver, specially designed to control electrical radiator regulation in combination with a wireless thermostat V22 type.
- This couple (Thermostat Receiver) can also be managed by a Central V24 to have full control of your heating installation from one point.
- The V25 receiver can be used as slave unit of a V23 receiver.
- Possibility to use the V25 receiver as On/Off Timer in combination with a V24 Central unit.



### Status LED (RED/Green)

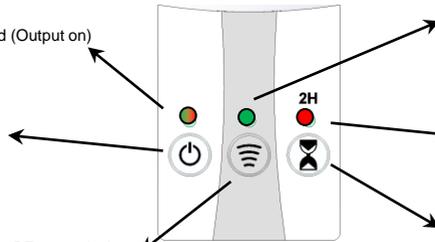
- Green:** Standby mode
- Red:** Heating demand (Output on)
- OFF:** Off mode

### ON/OFF button

Short press: On/Off

### RF Configuration button

- Short press: Instantaneous RF transmission
- 3sec press: Thermostat or Central RF init.
- 5sec press: Slave receiver init.
- 15sec press: Reset of the receiver.



### RF LED (Green)

- Fixed:** RF configuration.
- Flash:** RF reception
- OFF:** Standby
- Blink:** RF Alarm

### Red:

- Blink:** Timer 2H running

### Timer 2H button

- Short press: On/Off
- (This function will not be fit back to the V22 thermostat)

## 2. Technical characteristics

<b>Environment. (Temperatures)</b>	
<b>Operating :</b>	0°C - 40°C
<b>shipping et storage :</b>	-10°C to +50°C
<b>Power supply</b>	230Vac 50Hz by European plug socket
<b>Electrical protection</b>	Class II - IP20
<b>Output</b>	Relay 16Amps 250VAC
<b>Maximum Load</b>	Up to 16A - 250Vac 50Hz (by European plug socket)
<b>Radio Frequency &amp; RF Receiving distance</b>	868MHz < 10mW (Bidirectional communication) Range of approximately 100m in open space. Range of approximately 30m in residential environment.
<b>Norms and homologation:</b>	EN 60730-1 : 2003 EN 61000-6-1 : 2002 EN 61000-6-3 : 2004 EN 61000-4-2 : 2001
<b>Your thermostat has been designed in conformity with the following standards or other normative documents:</b>	EN300220-1/2 EN301489-1/3  R&TTE 1999/5/EC Low voltage 2006/95/CE EMC 2004/108/CE

Install and plug the receiver into the following guidelines to guaranty an optimal reception:

- The receiver must be put at a minimum distance of 50cm of all others electrical or wireless materials like GSM, Wi-Fi router.
- Before wiring work related to the receiver must be carried out only when de-energized
- Connect your receiver to the power supply.

Following your installation an order of pairing must be respected for a correct RF initialisation.

**Installation 1: Receiver + RF thermostat**

1. The receiver V25 must be put in ON by pressing on the ON/OFF button.
2. The receiver must be put in RF init mode by 5sec pressing on the RF Button.
3. Then the **RF LED** should be Green fixed indicating that the Receiver is now in radio configuration mode waiting for a thermostat configuration address.
4. Please refer to the thermostat leaflet for enter the thermostat in "**RF Init**" mode.
5. The receiver RF LED must be switched OFF and the thermostat should exit the RF init mode to indicate correct paring between both elements.

**Installation 2: Receiver + RF Thermostat + RF Central**

1. Make the "Installation 1" rules for pairing with the thermostat.
2. The receiver must be put one time more in RF init mode by 5sec pressing on the RF Button.
3. Then the **RF LED** should be Green fixed indicating that the Receiver is now in radio configuration mode waiting for a thermostat configuration address.
4. Please refer to the Central leaflet for more explanation about the pairing mode "**RF Init**".
5. The receiver RF LED must be switched OFF and the Central will show a message to indicate correct paring between both elements.

**Installation 3: Receiver + RF Thermostat + RF Central + Slave receiver(s)**

1. Make the "Installation 2" rules for pairing with the thermostat and the Central.
2. The Master receiver (receiver paired with the thermostat & Central) must be put in Receiver RF init mode by 10sec pressing on the RF Button.
3. Then the **RF LED** should be Green/Red fixed indicating that the Receiver is now in radio configuration mode waiting for a thermostat configuration address.
4. Put now the Slave receiver in RF init mode by 5sec pressing on the RF button.
5. The Master and Slave receiver RF LED must be switched OFF to indicate correct paring between both elements.
6. You can link up to 3 Slave receivers on a Master receiver, for this repeat the step 2 to 5 for each slave.



**Note:**

- The V25 slave receiver will follow the working of Master receiver.
- Only V25 receiver can be linked as slaves units (Max 3 slaves).

**Installation 4: Receiver + Central**

1. The receiver must be put in RF init mode by 5sec pressing on the RF Button.
2. Then the **RF LED** should be Green fixed indicating that the Receiver is now in radio configuration mode waiting for a Central configuration address.
3. Please refer to the Central leaflet for more explanation about the pairing mode "**RF Init**".
4. The receiver RF LED must be switched OFF and the Central will show a message to indicate correct paring between both elements.



**Note:**

- In this way the V25 Receiver will works in Timer mode, you will have the possibility to create a weekly program for ON/OFF period.
- You can also add 3 slaves V25 receivers unit in this configuration.

**Remarks:**

- In case of installation with V22 thermostat and loss RF communication (RF Alarm), the receiver will follow 20% cycle of heating to prevent the installation against frost. (The receiver will stay in OFF mode if it was in OFF before loss of RF communication).

