Watts V25 - PLUG-IN

Smart wireless socket receiver

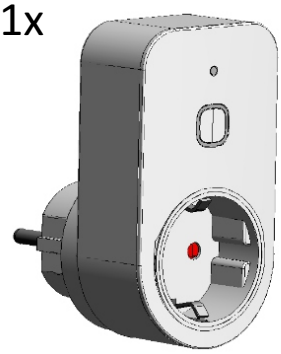
1. Presentation

- The V25 receiver is a plug mounting receiver, specially designed to control an 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 a full control of your heating installation from one point.
- The V25 receiver can be used as slave unit of a V23 receiver.
- There is a possibility to use the V25 receiver as On/Off Timer in combination with a V24 Central unit.

Make sure that all components of the wireless regulation system are marked with the Fenix logo (description).
A combination with wireless products from different suppliers isn´t possible!

Box content

1x



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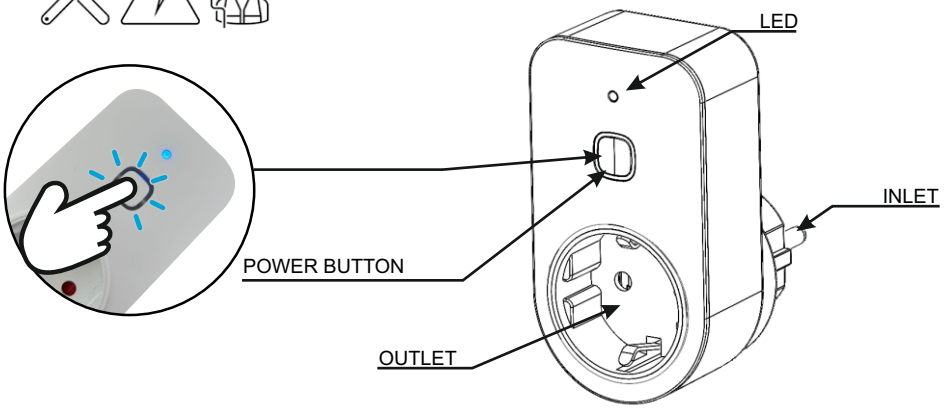

You will need the central Unit V24 and the Fenix V24 WIFI Mobile app to control this socket remotely. Only the Fenix V24 modular system is compatible with this connection.

Download on the App Store

ANDROID APP ON Google play

CONTROL FUNCTIONS FROM OUTLET - OFF POSITION

- Switch the outlet ON/OFF — 1 sec → The LED will turn BLUE
- Pairing a socket with a Thermostat V22 and a Central unit V24 WIFI — 2-10 sec → LED flashes RED and GREEN
  Switching between pairing the outlet with the thermostat and the receiver is done by pressing the flashing control button on the socket.
- Pairing a socket with a receiver (V23 - V26 master) — 2-10 sec → LED flashes BLUE and GREEN
  Switching between pairing the outlet with the thermostat and the receiver is done by pressing the flashing control button on the socket.
- Reset the socket to a factory settings — 10+ sec → The LED flashes GREEN and then flashes 1x RED, GREEN, BLUE

CONTROL FUNCTIONS FROM THE SOCKET - ON POSITION

- Booster - Timer (default value 2h) — 2-10 sec → LED flashes BLUE

TECHNOLOGY CHARACTERISTICS

Install and plug the receiver into the following guidelines to guarantee 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.

In order to maintain the correct installation of RF initialisation you need to follow next steps.
Installation 1: Receiver RF thermostat + Receiver V25
1. The receiver V25 must be put in OFF by pressing on the ON/OFF button
2. The receiver must be put in **RF init** mode by 2-10sec pressing on the ON/OFF Button.
3. Then the RF LED should flashes Red/Green indicating that the Receiver is now in radio configuration mode waiting for a thermostat configuration address.
4. Please refer to the thermostat leaflet to enter the thermostat in "**RF Init**" mode.
5. The receiver RF LED must become to be solid green, then change to off position or heating position, it depends on thermostat set temperature. Thermostat should exit the RF init mode to indicate correct paring between both elements.

Installation 2: RF Thermostat + RF Central+Receiver V25
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 2-10 sec pressing on the On/Off Button.
3. Then the RF LED button should flashes Green and Red indicating that the Receiver is now in radio configuration mode waiting for a thermostat or V24 configuration address.
4. Please refer to the Central unit leaflet for more explanation about the pairing mode "**RF Init**".
5. The receiver RF LED must become to be solid green, then change to off position or heating position, it depends on thermostat set temperature. The Central unit will show a message to indicate correct paring between both elements.

Installation 3: RF Thermostat + RF Central + Receiver V23/V26 (Master)+Slave receiver(s) V25
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 (V24/V26 master).
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 2-10sec pressing on the ON/OFF button, then touch the button again to switch the socket to the slave mode (flashing BLUE/GREEN).
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, to do this please repeat the steps 2 to 5 for each slave.

Note:
- The V25 slave receiver will follow the Master receiver.
- Only V25 receiver can be linked as a slave unit (Max 3 slaves).

Installation 4: Central unit V24WIFI + Receiver V25

1. The receiver must be put in RF init mode by 2-10sec pressing on the ON/OFF Button.
2. Then the RF LED button should flashes Green and Red indicating that the Receiver is now in radio configuration mode waiting for a V24 WIFI configuration address.
3. Please refer to the Central unit V24 WIFI manual for installation procedure and adding ON/OFF zone.
4. The receiver RF LED must be switched OFF and the Central unit V24 WIFI will show a message to indicate correct pairing between both elements.

Note 1:
- In this way the V25 Receiver will work in a Timer mode, you will have the possibility to create a weekly program for ON/OFF period.
- You can also add 3 slaves V25 receiver units in this configuration.

Note 2:
In case of installation with V22 thermostat and loss of RF communication (RF Alarm), the receiver V25 will after 2 Hours cut off the power supply and start flashing in Green to indicate a signal was lost.

INSTALLATION 1 :

INSTALLATION 2 :

INSTALLATION 3 :

INSTALLATION 4 :

Operating temperature Shipping and storage Thermal safety temperature	0°C 40°C -10°C až +50°C When > 75 °C Internal safety protection (Relay opening switch off/on auto)
Power supply	230VAC 50Hz (with European plug socket)
Electrical protection	Cat II - IP20
Output Maximum Resistive Load Relay	Relay 16A Max 230V ±10%, 50Hz
Radio Frequency & RF Receiving distance	868.3 Mhz < 10mW (Bidirectional communication) 100m in open field 30m in residential environment
Compliance of the product with European legislation: Your thermostat has been designed accordingly with the following standards and other normative documents	Low voltage (LVD) - Directive 2014/35/EU. Electromagnetic compatibility (EMC) - Directive 2014/30/EU. Radio equipment - Directive 2014/53/EU. Restriction of the use of certain hazardous substances (RoHS) - Directive 2011/65/EU. Ecodesign requirements (EcoD) - Directive 2009/125/CE. The full text of the EU declaration of conformity is available on wattswater.eu
The product complies with regulations Class Contribution	EU 811/2013, 2010/30/EU and EU 2024/1103 IV 2%

Error cases: Load disconnected: **Prio 1:** Fix Red = realy is stuck (25mA load detected even if relay is off). **Prio 2:** Red flashing [0.5sec] = T°C inside the box is over 75°C, hazardous situation, disconnect relay until T°C goes below 55°C. **Prio 3:** Red/Blue flashing [0.5s] = load over 16A limit detected, users have to decreased load. This alarm can be reset by pushing the button(the Load must be decreased first). **Prio 4:** Green flashing [0.5sec] = no RF received during ; or Thermostat sensor to commute load is in error. This alarm is only reset if RF signal is received again. Can also be 2sec blinking green [0.5s] and steady Blue, indicating the load is still connected.

SAFETY PRECAUTIONS
Indoor use only Values (Volts / Amps / Watts) indicated on the plug are maximum values. Do not connect any device exceeding the power of the plug. Never use defective or damaged outlets In case of prolonged continuous use, it is recommended to do not exceed a load of 2300 Watts. After prolonged use, do not unplug the plug immediately. Only one device per outlet, do not connect a power strip. If the outlet is used with high power devices, check the integrity of the outlet every 2 months. Do not use the product if it is appears damaged. Do not spill liquids on the socket, nor expose the product to excessively humid environments (> 80%). Operating temperatures: 0ºC to 40ºC / Storage temperatures: -10ºC to 50ºC. Do not use liquid or solvent to clean the device. Never attempt to plug in or unplug the plug with damp or wet hands. Keep out of reach of children. Failure to observe the above precautions may result in a risk of electrocution or burn.

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