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You can read the recommendations in the user guide, the technical guide or the installation guide for HONEYWELL Y6630D1007. You'll find the answers to all your questions on the HONEYWELL Y6630D1007 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

**User manual HONEYWELL Y6630D1007**  
**User guide HONEYWELL Y6630D1007**  
**Operating instructions HONEYWELL Y6630D1007**  
**Instructions for use HONEYWELL Y6630D1007**  
**Instruction manual HONEYWELL Y6630D1007**

**Honeywell**

**Y6630D1007**

**Wireless Room Thermostat**  
Installation and Operation



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..... @@@@Have all the work carried out by authorised qualified personnel. @@@@Do not mount on metal wall boxes. WARNING Damage to the device!  
Short-circuiting through humidity and moisture.

Mount the device at a site that is protected against humidity and moisture. WARNING Damage to exposed components! Destruction of the electronic components through electrostatic discharges. Do not touch the components. Touch an earthed piece of metal to discharge static electricity from your body. 3

Overview 2.

Overview 3. 3.1. Installation Installation relay module HC60NG The room unit HCW 80 is used for intelligent room temperature control in combination with the relay module HC60NG. It can be used to control gas and oil boilers, a variety of valves and actuators or electrical heating systems.

No wiring to the room unit HCW 80 is required. Because of the simple HCW 80 analogue user interface with absolute set point temperature scale the room set point temperature can be easily adjusted. The room unit and the relay module provide reliable RF communication technology on 868 MHz frequency. The HCW 80 and HC60NG are already teached in (bounded). They are provided as pre configured kit for fast installation (plug and play). Zone 1 Wireless Room Thermostat HCW80 Fig. 2: Positioning the relay module HC60NG Follow the installation diagrams to install and connect the power supply to the relay module HC60NG. 1 Example radiator control 1 Relay module HC60NG Boiler Fig. 1: Application of the wireless room thermostat 2 Fig. 3: Opening the housing cover 2.

1. Pre configured kit Y6630D1007 · 1 HCW 80 (room unit) · 1 HC60NG (relay module) · 2 AA batteries, 1.5 V, type LR6 The kit Y6630D1007 is provided pre-bounded. The room unit HCW 80 is already assigned to the relay module HC60NG. The teach-in is not required in this kit. 1 2.2. Single provided devices Single provided devices must be teach-in as described in section "5 Teach-in (single devices only)". Teach-in means the HCW 80 and HC60NG must be RF bounded for communication. 2 Fig.

4: Removing the terminal covers > 7 mm Æ < 7 mm Æ Fig. 5: Connecting the relay module to the power supply 4 Installation a. Burner (direct control) b. Combi boiler c. Zone valve d.

Electric heater e. Thermal actuator max. 2.5 mm<sup>2</sup> f. Zone valve Fig.

@@@Electric actuator h. Cooling device Fig. 7: Wiring schemes 2 1 2 Fig. @@@@11: Drilling scheme (measurements in mm) Drill the holes. Screw on the room unit. @@12). Red LED Fig. @@Remove the housing cover of the room unit HCW 80 (see Fig. 10). Send button Fig.

@@@@11). Fig. @@@@Change the set point of the room unit HCW 80 to 5 °C. @@according to the DECT standard amounts to at least 1 m. @@@@The HCW 80 is now in test mode and sends a test signal every 5 sec. @@@@See chapter "10 Help with problems" for possible cause and problem solving. 7. Factory reset of relay module HC60NG 5. Teach-in (single devices only) The teach-in operation is required if the relay module HC60NG and the room unit HW80 are not pre-bounded e.g.

new single devices or product replacement. Keep the button of the HC60NG pressed for at least 15 sec. The resetting was successful when the red LED flashes rapidly (1/9 ON/OFF). 5.1.

Assignment to the relay module HC60NG After the factory reset the HC60NG loses the communication with the HCW 80. See section "5 Teach-in (single devices only)" for new teach-in. After the power up of the relay module HC60NG the red LED will start to flash at 0,1 sec ON/ 0,9 sec OFF. If this is not the case set the HC60NG into the reset mode see section "7 Factory reset of relay module HC60NG". Press and hold the teach-in button of the HC60NG for 5 sec to enter into the teach-in mode.

The red LED flashing at 0.5 sec ON/0.5 sec OFF confirms the teach-in mode has been entered. Press the teach-in button of the HCW 80 to send the binding signal to the HC60NG. The red LED of the HC60NG is switched OFF to confirm a successful teach-in operation. The teach-in mode is terminated automatically after 5 min. 7 Particular features of the room unit HCW 80 8. 8.1. Particular features of the room unit HCW 80 Operation The room set point temperature can be set easily at the set point adjuster by means of an adjustment dial.

The room set point range is from 10 °C to 30 °C including the frost protection setting (5 °C). The HCW 80 simulates a mechanical thermostat by LED indication as follows: The red LED at the HCW 80 will be switched ON for 4 sec if the deviation between the set point and the room temperature is >1°C. If the deviation is <1 °C the red LED is flashing for 4 sec. Respectively the relay module HC60NG will be switched ON or OFF. Place the two small pins into the holes of the adjustment dial in order to limit the adjustment range (see Fig. 15). Orientate yourself on the basis of the inner scale: In Fig. 15, the pins are inserted so that the adjustment dial can only be adjusted in the range of 19 °C to frost protection (lower limit) and 19 °C to 30 °C (higher limit) around the value 19 °C. Turn the adjustment dial clockwise until it stops. Check whether the adjustment dial is in the position shown in Fig.

14. @@Turn the adjustment dial to position 19. Place the housing cover in position above and snap it down (see Fig. @@@@Remove the housing cover of the HCW 80 (see Fig. 10, Page 6).

Remove the batteries. Disposal of the batteries according to the local statutory requirements and not with the used domestic refuse. Always replace both batteries together. Only use 1.5 V batteries of the type LR06, AA.

8.2. Limiting the adjustment range You can limit the adjustment range that can be used at the adjustment dial. Remove the housing cover (see Fig. 10, Page 6). Insert the batteries with the right polarity into the battery compartment (see Fig. 12, Page 6). Place the housing cover on at the top and latch it in downwards (see Fig.



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15: Limiting the adjustment range 8 Appendix 10. Appendix 10.1. Help with problems Problem Teach-in failed Cause Batteries inserted incorrectly Radio connection failure Remedy RF RF operation band Insert the batteries correctly. Eliminate interference sources (metal, wir.



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