

I'm not a robot!

Page 1 RT501RF(TX) Programmable Room Thermostat RXBC605RXRT505RXWBC605RXST625 The RT505TX can be used with any of these receivers 868MHz Page 2 RT501RF(TX) RT501RF(TX) RT501RF(TX) RT501RF(TX) RT501RF(TX) INSTRUCTION MANUAL Page 3 PRODUCT COMPLIANCE This product complies with the essential requirements of the following EC Directives: **EN** Electro-Magnetic Compatibility directive 2004/108/EC **EMC** Low Voltage Directive 2006/95/EEC **RoHS** EC Marking directive 93/68/EEC SAFETY INFORMATION These instructions are applicable to the SALUS Controls model stated on the front cover of this manual only, and must not be used with any other make or model. These instructions are intended to apply in the United Kingdom only, and should be followed along with any other statutory obligations. When fitting batteries do not mix old and new batteries together. Do not use rechargeable batteries. Please leave these instructions with the end user where they should be kept in a safe place for future reference. RT501RF(TX) INSTRUCTION MANUAL Page 4 INTRODUCTION A programmable thermostat is a transmitter that combines the functions of both a room thermostat and heating controller into a single unit. The programmable thermostat is used to switch the heating system in your home on and off as needed. It works by controlling the temperature according to a series of programmed settings that take effect at different times of the day. The RT501RF(TX) from SALUS Controls is a stylish and accurate 5/2 or 7-day programmable electronic thermostat with a large, easy to read Liquid Crystal Display (LCD). This programmable thermostat can replace most common residential thermostats and is designed to be used with electric, gas or oil heating control systems. Unlike ordinary single unit design thermostats, this is a new type of thermostat separating the operational functions into two units. The Receiver is used for wiring connections and heat on/off control. The two units are linked together by a Radio Frequency (RF) signal. Features: 5/2 or 7 day programming flexibility. Frost protection. Large, easy to read LCD with blue backlight. Boiler on symbol. User friendly INSTALLATION Please read the important safety information at the start of this manual or can be easily installed in a fixed position using the industry standard back plate supplied with the unit. This is used purely for mounting purposes, as wiring is needed for the RT501RF(TX). The back plate can be mounted directly to the wall surface. RT501RF(TX) INSTRUCTION MANUAL Page 5 The ideal position to locate the RT501RF(TX) thermostat is about 1.5m above floor level. It should be mounted in a location where the thermostat is accessible, reasonably lit and free from extremes of temperature and draughts. Do not mount the thermostat on an outside wall, above a radiator or in a location where it may be subjected to direct sunlight. To ensure trouble free operation of the Radio Frequency (RF) signal, always ensure that the programmable thermostat is mounted away from any possible sources of interference (such as radios, TV sets, computers, etc.), and is not mounted on or in close proximity to large metal objects. Installing the RT501RF(TX) programmable thermostat after Power on, or after RESET is pressed. Function Operation Mode Room Temperature indicator Clock AM/PM indicator Day of Week indicator Program Number indicator SET indicator PROG indicator Frost Protection indicator Heat Indicator Status relay warning indicator after resetting or feeding on normal mode 22.0 °C, updated within 5 seconds. Son12: 00am default Setting Factory Setup1 off/ off/ off, updated within 5 seconds of energy, the thermostat will work in normal mode (normal mode when the thermostat is displaying ambient temperature). The set point temperature is reset to the default setting - The ambient temperature display is updated within 5 seconds - The control process begins - The program number is updated to indicate the program running. RT501RF(TX) INSTRUCTION MANUAL EDUCATION Page 61 The reset button is pressed, the RT501RF(TX) will behave in the same way as it was executed above, except for the fact that all the previous user settings will be returned to Default Values. User Interface and controls The status and operation of RT501RF(TX) is clearly shown on the LA RGE backlit Liquid Crystal Display (LCD). This display allows the user to see a current range of the state of the heating system, time and day of the current week, as well as a clear indication of the current room temperature (TX), making the programmable very easy to use. The questionnaires are shown below, along with the description of each of their functions. User Control Function Key / Functions of UP Operating Symbol The key increases the selected setting by 1. The key decreases the selected setting by 1. The key releases the selected setting. User Function Key / Functions of DOWN Operating Symbol The key decreases the selected setting by 1. The key increases the selected setting by 1. The key releases the selected setting. User Function Key / Functions of SELECT Operating Symbol The key selects the next item in the menu. The key releases the selected item. User Function Key / Functions of PROG Operating Symbol The key saves the current settings. The key releases the current settings. User Function Key / Functions of FROST PROTECTION Operating Symbol The key enables or disables the frost protection function. The key releases the frost protection function. User Function Key / Functions of BACKLIGHT / FROST Operating Symbol The key turns the backlight on or off. The key releases the backlight. User Function Key / Functions of RF COMMUNICATION WITH YOUR RECEIVER Operating Symbol The key pairs the receiver with the thermostat. The key releases the pairing process. User Function Key / Functions of SYNC BUTTONS ON RECEIVERS RXBC605 Sync Button The key initiates a sync operation between the receiver and the thermostat. The key releases the sync operation. User Function Key / Functions of RF TRANSMISSION1 Manual Page 15 Test the RF transmission. Press the UP button on the thermostat until the set point temperature is higher than the room temperature of some degrees. 2. Wait a few seconds. The boiler indicator (heat call) should appear in the lower left part of the LCD on the receiver units. It should be illuminated. 4. Press the GND button to adjust the set point temperature to be lower than the room temperature. Waiting for a few seconds and the boiler indicator (call call) should disappear and the LED should go out. Other functions and control the backlight of the RT501RF backlit (TX) is automatically lit every time the keys are pressed. The backlight remained enlightened for about 5 seconds after the last pressure of the button, the program or of the temporary movements were staged - in this case, the backlight remained illuminated during the Settings modification process. The backlight does not light up if the Thert501rf battery (TX) is low. The status of the battery The RT501RF (TX) frequently check the battery voltage during normal. If the battery voltage is detected as low (this is normally when the battery voltage drops to a level of about 2.6 V), the low battery will be displayed on the screen. Although the programmable thermostat continues to replace this phase, the batteries should be replaced as soon as they are as possible to prevent any problems. ybedoM ybedoM pels 61 egaP51inoiurtsid us elautnaM (XT) FR105TR inoiurtsopml assemml ci animile liliw etnaslup otseug odnemerP .etinifederp acirbbaf id inoiurtsopmi us ella enoziammargorp al eranitspir rep odom emoc otinrof eniv onitspir id etnaslup ll ontemirefir id etnaslup ll willenter SLEEP mode. In this mode, all the RT501RF(TX) functions will be suspended to save battery power, with the exception of the clock which will continue to run in the background. While in SLEEP mode: **ON** The LCD display will be blank. All output from the thermostat will be turned off immediately. Press any key to wake up the RT501RF(TX) and cancel SLEEP mode. ENERGY TIPOne way to set and use your room thermostat is to find the lowest temperature setting that you are comfortable with, and then leave it set at this temperature. You can do this by setting the room thermostat to a low temperature (for example 17 °C) and then increasing the setting by one degree each day until you are comfortable with the room temperature - you won't have to adjust the thermostat further, as adjustment above this setting will waste energy - a 1 °C increase in temperature is equal to 3% of your heating costs. MAINTENANCE The RT501RF(TX) programmable thermostat requires no special maintenance. Periodically, the outer casing can be wiped clean using a dry cloth (please DO NOT use solvents, polishes, detergents or abrasive cleaners, as these can damage the thermostat). There are no user serviceable parts within the unit; any servicing or repairs should only be carried out by SALUS Controls or their appointed agents. Should the RT501RF(TX) programmable thermostat fail to function correctly, check: **ON** The RT501RF(TX) receiver is switched on. **ON** If the RT501RF(TX) is still not functioning correctly, press the Reset Button. WARRANTY SALUS Controls warrants that this product will be free from any defect in materials or workmanship, and shall perform in accordance with its specification, for a period of two years from the date of purchase. SALUS Controls sole liability: **ON**