



Installation Guide



Issue date: DEC2020
Version: V0016
These instructions have been carefully prepared but we reserve the right to alter the specification at any time in the interest of product improvement.

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Introduction

Alpha Connect is a Smart phone controlled programmable thermostat. The thermostat will switch your heating system on or off, as needed, in accordance with the temperature set by you, locally on the device or remotely using the dedicated app.

Product Compliance

This product complies with EMC 2014/30/EU, LVD 2014/35/EU, RED 2014/53/EU and RoHS 2011/65/EU. Full text of the EU Declaration of Conformity on www.saluslegal.com (P) 868.0-868.6MHz; <13dBm

Safety Information

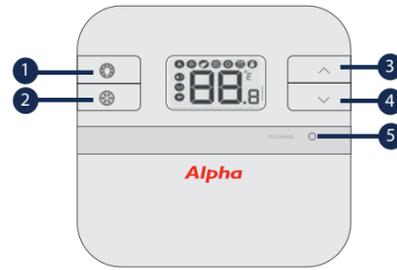
Use in accordance with the regulations. Indoor use only. Keep your equipment completely dry. Disconnect your equipment before cleaning it with a dry towel.

Always isolate the AC Mains supply before installing or working on any components that require 230 VAC 50Hz supply.



The thermostat is pre-set from factory in Manual Mode allowing you to set the desired temperature. This is the default working mode if not connected to the internet during installation.

Button Functions



- 1 Turn on the LCD backlight
- 2 Turn On/Off the Frost Mode
- 3 Increase button
- 4 Decrease button
- 5 Test Mode/ Pairing Mode

Installation - Step 1

Install receiver and connect wiring as shown in boiler manual. Turn power on to boiler before inserting batteries into the thermostat.

1. RXBC605



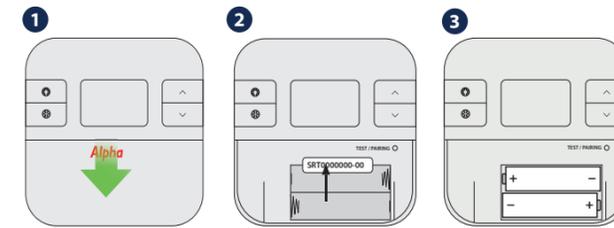
- 1 Access the control panel as shown in the boiler manual.
- 2 Remove the connector between red wires 3 & 4 and plug all wires onto the matching numbers on the receiver.
- 3 Fix the RF receiver in place using screws provided.
- 4 DO NOT remove link wire between terminals 1 & 2 on the boiler.
- 5 Replace the front panel.
- 6 Power up the boiler and check correct operation.

RXBC605 Wiring Terminals

Terminal	Identifier	Description
1	N	Neutral
2	L	Live input (230V AC)
3	COM	Common terminal (volt free)
4	N.O.	Normally Open (volt free)

Installation - Step 2

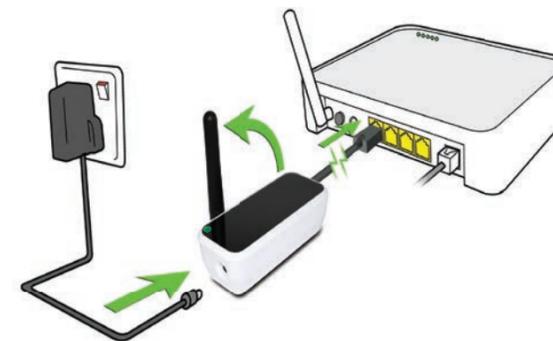
2. ALPHA CONNECT THERMOSTAT



Before inserting the batteries, please make a note of your SRT number and register your device on the app.

Installation - Step 3

3. iTG310



Connect the gateway to your router. Gateway is online when the green LED is on.

Re-pairing Process



The thermostat and the receiver are pre-paired from factory.

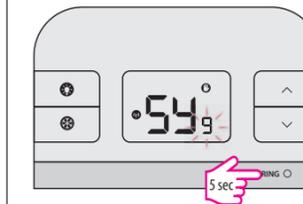


Before the pairing process, please ensure that the switch button on the receiver is next to the white circle in the AUTO position. Also, please ensure that the distance between the thermostat and the receiver is at least 1m. If you need to re-pair your thermostat with the receiver, follow the next steps:

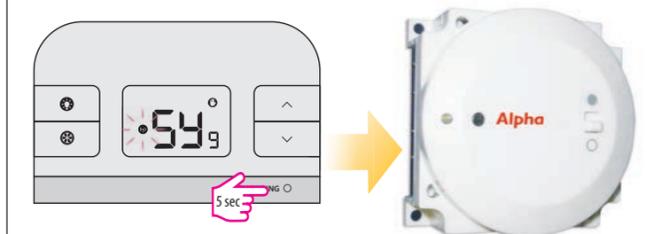
1. Press and hold the Sync button on your receiver for 5 seconds then release, the red led will flash every second.



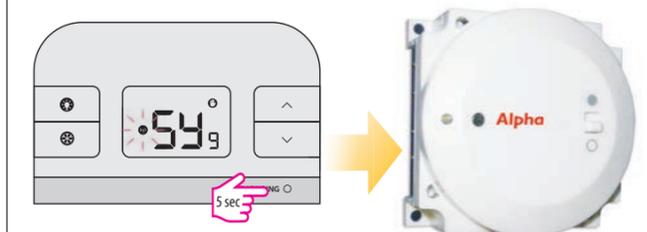
2. Press and hold the Test/Sync button on your thermostat for 5 seconds then release. The thermostat should display words "SYNC 9". A 9 minute countdown will appear on thermostat's screen.



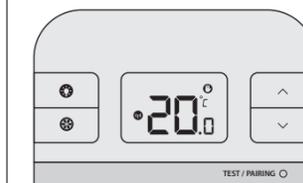
3. The pairing process is over when the LED stops flashing and disappears.



4. The countdown on the thermostat's screen will continue. Once the pairing process is successful, there is no need for you to wait for the the countdown to stop. To return to normal display, press and hold the Test/Sync button on your thermostat for 5 seconds.



5. You may now use your thermostat.



Registration

1  RXBC605 App
 GET IT ON Google Play
 Download on the App Store

Download the ALPHA CONNECT App, create an account and register your device. Follow the on screen instructions to complete all the steps.

2  Alpha Connect
 INTERNET THERMOSTAT

3 **CREATE ACCOUNT**
 Confirm Password
 Password must contain the following:
 • Between 8 and 20 alphanumeric characters
 • One numeric character (0-9)
 • One lowercase character (a-z)
 • One uppercase character (A-Z)

4 **CONFIRM ACCOUNT**
 We have sent you an email to confirm your registration. Click the link in that email, or enter the code from the email below:
 1234567890
 SUBMIT

5 **ADD A DEVICE**
 Add a device code
 SRT 000000000
 Name this device
 24
 SUBMIT

6 **MANAGE DEVICES**
 NewShun
 SRT00000122
 Firmware version: 1.0.8 x 1.0.0
 UPDATE FIRMWARE

7 

Device Settings Via the App

Features available only on the App:

- Temperature format
- Clock format
- Time zone
- Daylight Saving Time
- Heating or Cooling Mode
- Temperature accuracy
- Display tolerance
- Temperature offset
- Schedule/Manual/Off Mode
- Holiday Mode
- Location Mode
- Delay Start

1  14.0°C
 25.0°C
 SCHEDULE MANUAL OFF

2 **MENU**
 Show all devices (1)
 Manage devices
 Holiday mode
 Distance alerts
 Manage account
 Settings
 Remember login
 Tutorial
 LOG OUT

3 **SETTINGS**
 Temperature format
 Clock format
 Time zone (GMT+7) Bangkok, Hanoi, Jakarta
 Daylight saving
 Mode: Heat Cool
 Temperature accuracy: ±0.25°C
 Display tolerance: 0.5°C
 Temperature offset: -2.0°C
 SAVE

4 **SETTINGS**
 Temperature format
 Clock format
 Time zone
 Daylight saving
 Mode: Heat Cool
 Temperature accuracy: ±0.25°C
 Display tolerance: 0.5°C
 Temperature offset: -2.0°C
 SAVE

Customize your settings according to your preferences. Time and date will be set automatically once connected to the internet. Set the mode (heat/cool). Heat Mode is used for controlling a heating boiler. Cool Mode is used for controlling a cooling device. In Cool Mode, you can choose temperature accuracy between ± 0.5 °C and ± 0.25 °C. In Heat Mode, you can select as well between a lower comfort level (6 on/off cycles per hour) and a higher comfort level (9 on/off cycles per hour). Also, in order to calibrate the temperature, you can offset it using a ± 3 °C range.

General Operation

There are 3 program settings. 1. Schedule (7 days, 5-2 days and 24 hours), 2. Manual and 3. Off.

 14.0°C
 25.0°C
 SCHEDULE MANUAL OFF



Schedule Mode

All	5/2	Individual
Set one schedule for the entire week (each day the same)	Set a schedule for the working days and for the weekend	Set a daily schedule (each day different)

SCHEDULE MANUAL OFF
 MANUAL OFF

In Manual Mode you will permanently override the schedule. Exit Manual Mode by switching to Schedule or turning off the thermostat.

i If the internet connection is lost the thermostat will follow the schedule. If it was in Frost Mode you can disable the Frost function from the device and continue following the schedule (see Frost Mode section of the guide).

Frost Mode

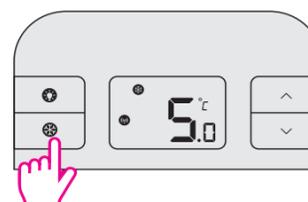
Frost protection temperature can be set between 5.0°C and 9.0°C. To turn on Frost Mode activate Off Mode or Holiday Mode via the App.

1 **MENU**
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2 **FROST PROTECTION**
 Frost Protection mode is activated when your thermostat is switched off. It ensures your home's temperature doesn't drop below a certain point to prevent your pipes from freezing.
 7.0°C
 OFF

3 **HEATING OFF**
 24.5°C
 SCHEDULE MANUAL OFF
 OFF NO FURNACE CONTROL

Frost Mode can also be de-activated or activated on the device, by pressing the frost button once.



Holiday Mode

Select the period for this function. Frost Mode temperature will be activated during this period.

1 **MENU**
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2 **HOLIDAY MODE**
 From: Aug 27, 2019 08:30 AM
 To: Aug 30, 2019 10:50 PM
 SAVE

3 **Holiday Mode Active**
 HEATING OFF
 24.5°C
 NO FURNACE CONTROL

After the Holiday Mode ends, the thermostat will follow the previous setting (Schedule, Manual or Off)

Location Mode

1 **MENU**
 Show all devices (1)
 Manage devices
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 Distance alerts
 Manage account
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 Tutorial
 LOG OUT

Location Mode is an automated task designed to change your heating settings according to the current distance from your home.

2 **DISTANCE ALERTS**
 Distance alerts will allow the RT310 to check when you are a certain distance away from home and alert you.
 Distance alerts: ON
 Alert me when I'm more than the following distance away from home:
 1 Miles
 SAVE

If Location Mode is enabled, you can drag the slider in order to set the distance limit. Go to "Setting" to manage your settings.