MULTIPIPE

Wireless RF Programmable Thermostat & Receiver
Model: 22-99908

Quick Guide Installation

22-99908 Quick Guide

Introduction
The 22-99908 thermostat will switch your heating system on or off, as needed, in accordance with the temperature set by you. The package includes the following products:
•   Thermostat
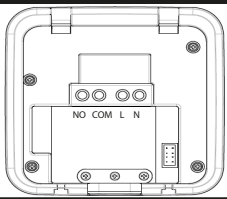•   Receiver
•   2 x AA Batteries

Product Compliance
EU Directives: 2014/53/EU
                        2011/65/EU.

((o)) 868.0-868.6MHz; <13dBm

Safety Information

Use in accordance with the EU and national regulations. For indoor use only.
Keep your device completely dry. This product must be installed by a competent person and in accordance with all the EU and national regulations.

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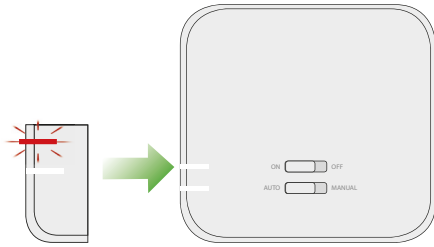
Installation

Thermostat and Receiver

Terminal	Description	Receiver Terminals
NO	Switch Terminal	
COM	Common Switch Terminal	
L	Mains Live (230VAC)	
N	Mains Neutral	

ℹ **Remove the thermostat link wire in the boiler, if required. Please refer to manufacturer instructions.**

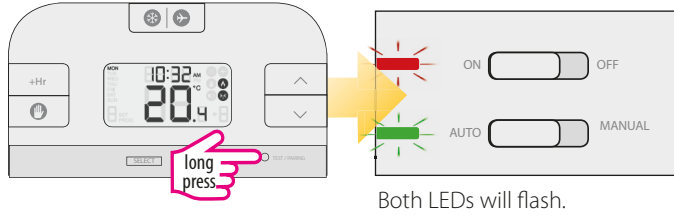**1**. Wire up the receiver and switch the power on. The Red LED will flash.

2. Once the receiver is switched on, insert the batteries into the thermostat. The devices are already prepaired.
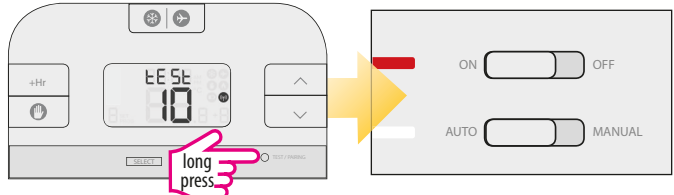Now follow Test pairing process to confirm connection between both the thermostat and receiver.

### Test Pairing

A. Begin the Test Pairing process

long press.

Both LEDs will flash.

B. End the Test Pairing process

long press.

After the Test Pairing Mode, the LED should turn solid Red.
In case the LED doesn't turn solid Red, please follow the **Paring Process.**

Dip Switch Settings

The DIP switches are found on the rear of your thermostat and can be used to change the span (temperature accuracy) of your thermostat from the default +/-0.5℃ to +/-0.25℃ and the programmes 5-2 or 24h. Changing DIP Switch 2 may cause your boiler to operate more frequently. The DIP switches are located on the back of the thermostat.

ON

24H	+/-0.25
5-2	+/-0.5
1	2
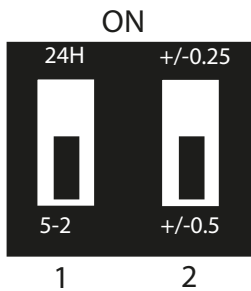
Thermostat Button Functions
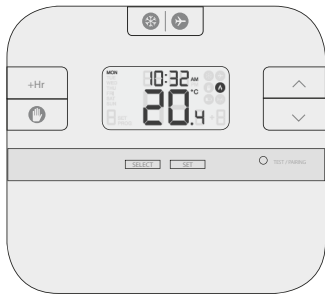
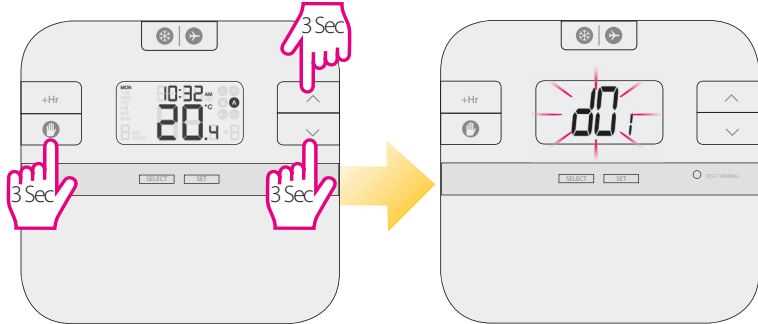| Key	Function
❄ | ✈	1. Press once to activate Frost Mode 2. Press for 3 seconds in order to activate Holiday Mode.
+Hr	Press once to activate/deactivate Boost function
✋	Press once to enter/exit Permanent Override function.
⌃	Increase button
⌄	Decrease button
SELECT	Select the clock or programme settings
SET	Press to confirm your settings
◯	1. Press once to enter/exit in Test Mode 2. Press for 3 seconds to enter/exit Pairing Mode 3. Press once to return to Factory Settings
✋+⌃+⌄	Press the buttons for 3 seconds to enter Installer Mode
SELECT + SET	Press the buttons for 3 seconds to enter Clock Settings

Buttons description
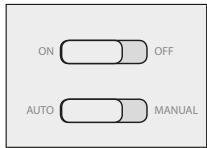
Button	Function
ON	The receiver is enabled, ready for use.
OFF	The receiver is disabled, will not function.
AUTO	The receiver will switch on and off automatically, as operated by the thermostat.
MANUAL	Providing ON is selected,the receiver will switch on continuously, overriding the thermostat.

## Installer Mode

Press the three buttons together for 3 seconds.

3 Sec   3 Sec   3 Sec

Now use the ⌃ , ⌄ and SET buttons to make the adjustments.

dxx	Function	Parameter	Description	Default value
d01	Temperature display increments	0.1 or 0.5℃	Select temperature display increments	0.5℃
d02	Temperature offset	+/-3.0℃	Calibrate your thermostat temperature	0.0℃
d03	Frost setpoint	5.0-17.0℃	Set the Frost Point temperature	5.0℃

Pairing Process

Begin the pairing process

3 Sec

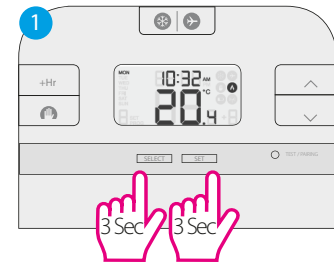Wait 9 minutes for the timeout process to be complete.
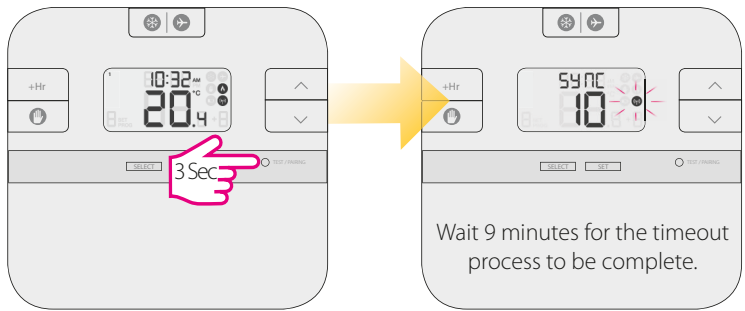
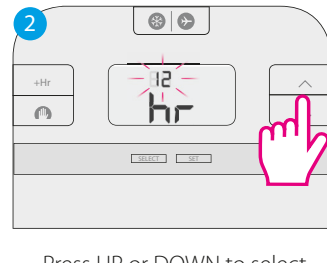### End the pairing process
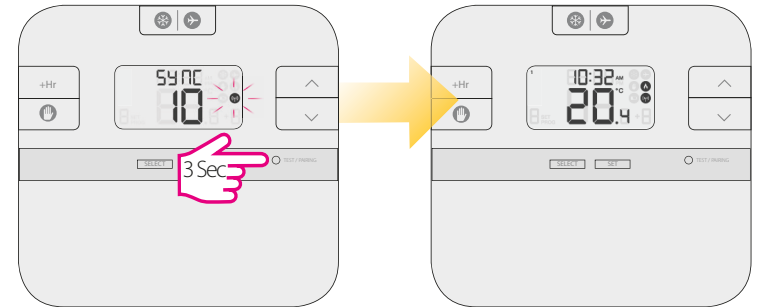
3 Sec

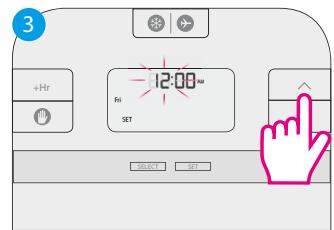Once the LED stops flashing, press the TEST / PAIRING button for 3 sec.
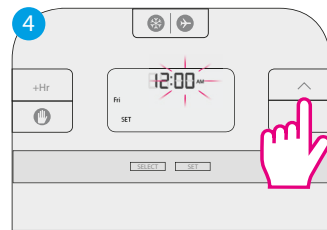
Setting Time and Date

1
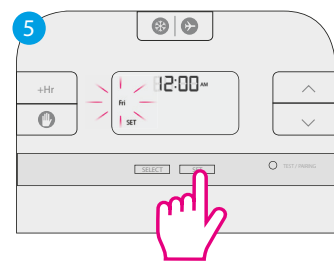Press the buttons together for 3 sec.

2
Press UP or DOWN to select the hour format and then press SELECT to confirm your option.
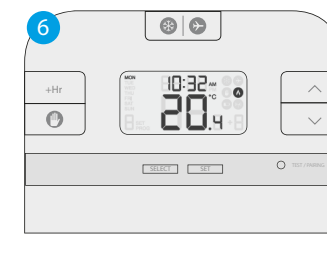
3
Press UP or DOWN to select the hour and then press SELECT to confirm your option.

4
Press UP or DOWN to select the minutes and then press SELECT to confirm your option.

5
Press SET to return to the Main Screen.
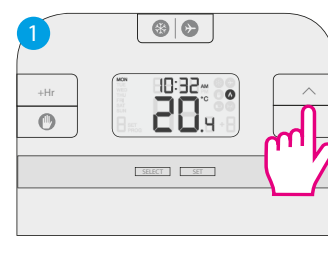
6
Continue with the same steps for setting the Day.

Programming

You can create personalized programmes for your controller. You have the option to choose between a 5-2 days programme or a daily one by using the DIP Switches.
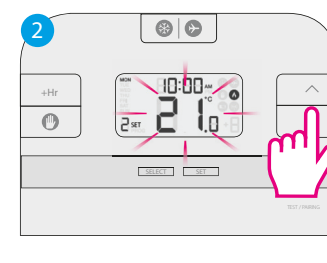
ℹ Please move the DIP Switch to 24h in order to have the individual programme active. After that please follow the same instructions as for the 5-2 days programme.

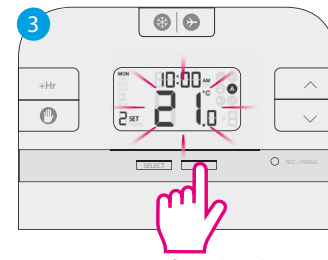| 5-2 Days Programme	24h Programme
Weekdays 6 sets of time/channel Weekends 6 sets of time/channel	24h 6 sets of time/channel
Total: 12 settings/week	Total: 42 settings/week

1
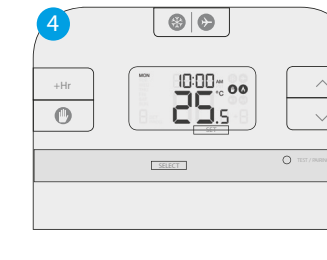Press SET to change your programmes.

2
Press UP or DOWN to select Weekday/Weekend/Day and press SELECT.

3
Press UP or DOWN to set the hour and press SELECT to confirm your option.

4
Press UP or DOWN to set the minutes and press SELECT to confirm your option.

5
Press UP or DOWN to set the temperature and press SELECT to confirm your option.

6
Follow the same procedure for the next set of time.

ℹ After you have done all the changes, please press SET to confirm all your choices and to return to the Main Screen.

Review the Setpoint (desired) temperature

Actual room temperature   Setpoint (desired) temperature

Temporary Override

1
Press UP or DOWN to review the setpoint temperature.

2
Press UP or DOWN to set the temperature.

3
Press SET to confirm the changes.

4

Permanent Override

1
Press OVERRIDE in order to activate the mode.

2
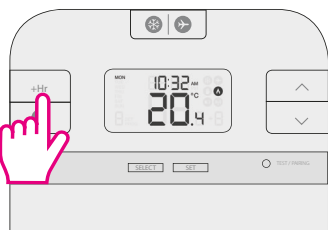Press UP or DOWN to set the temperature.
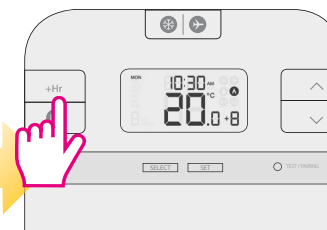
3
Press SET to confirm the changes.
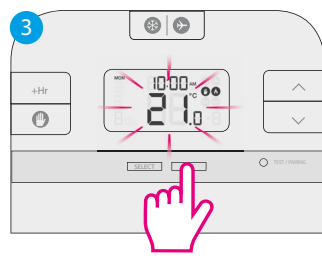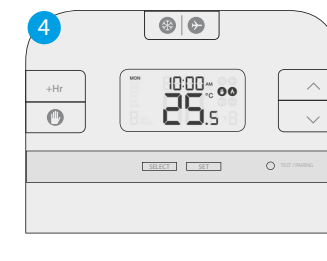
4
The Override sign will appear on the Main screen.
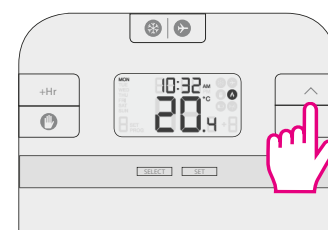
Boost function
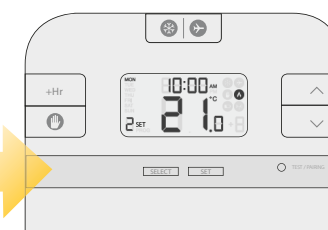
Press +Hr to activate the Boost function.

Press +Hr to set boost hours and then press UP or DOWN to set the boost temperature for your boost period.
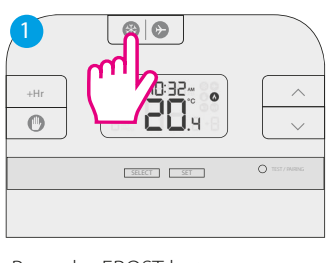
Frost protection

1
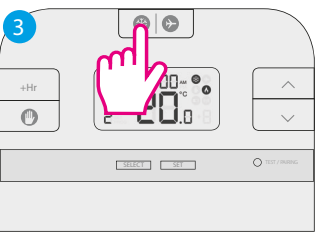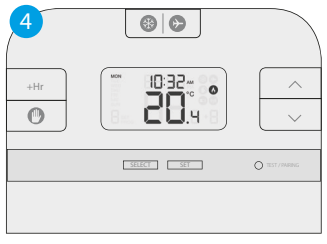Press the FROST button once to activate the function.
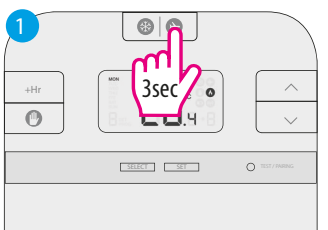
2
Frost Mode ON.
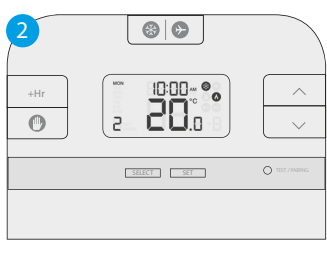
3
Press the FROST button once to deactivate the function.

4
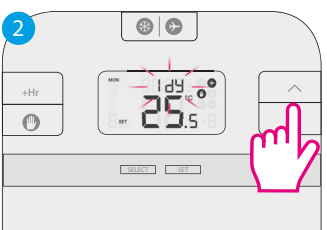Frost Mode OFF.

ℹ The Frost protection temperature can be reviewed by pressing the UP button once, but can only be changed in Installer Mode.

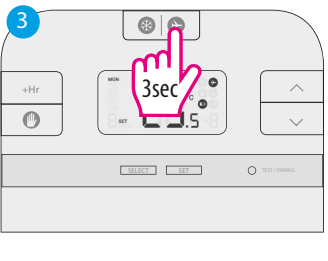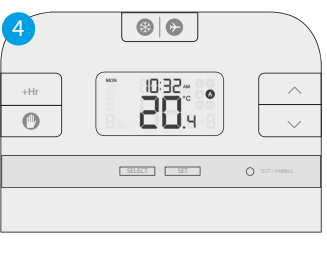## Holiday Mode

1
Press the HOLIDAY button for 3 sec.

2
Press the UP or DOWN button to set the Holiday period.

3
Press the HOLIDAY button for 3 sec to exit Holiday Mode.

4

ℹ You can also exit Holiday Mode by setting the days to zero.

Thermostat RESET Function

Remove the batteries without pressing any button. Wait 2 minutes and insert the batteries again. Your device will be restarted.

ℹ When you want to change the batteries your device will use the internal memory to backup your settings. You have 30 seconds to change the batteries before losing your settings.