

**SEA801-Tuya Zigbee**  
INSTRUCTION

**SEA801-Tuya Zigbee**  
INSTRUCTION



# Content

Controller Introduction ..... 01

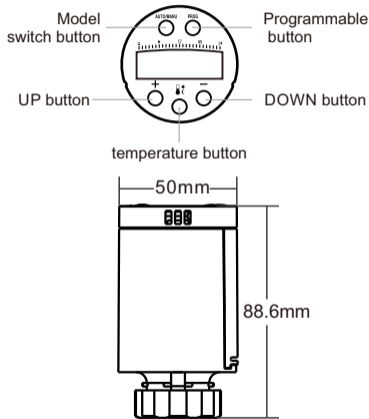
Adapter Introduction ..... 06

Controller Settings ..... 09

Link APP ..... 13

Recovery Factory Setting/ ..... 23  
Exit network

## Controller Appearance



## Button description

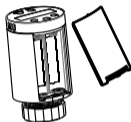
- 1 Model switch button: switch work mode, automatic mode or manual mode, automatic mode is programming run.
- 2 Programmable button: short press the button to enter the programming interface; press the button for more than 3 seconds to enter the time setting interface.
- 3 UP button: adjust temperature or time.
- 4 Temperature button: short press for power off; press for more than 3 seconds to query the ambient temperature; short press the button in programming setting interface for returning to the week selection interface.
- 5 DOWN button: adjust temperature or time.

## Specifications

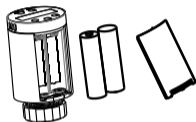
- **Power source** : 2 AA battery  
( Don't use the rechargeable battery )
- **Battery lifetime** : 1year
- **Temperature setting range** : 5°C~30°C
- **Temperature setting accuracy** : 0.5°C
- **Temperature display range** : 0°C~50°C
- **Operation temperature range** : 0°C~50°C
- **Shipping & storage temperature** : -10°C~60°C
- **Frequency** : 2.400GHz
- **Wireless transmit range** : Open distance 70M  
Inside room range 30M

## Controller Power Method

- ① Open protection cover
- ② After install battery then put protection cover



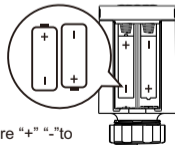
①



②

2AA battery

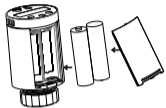
### Attention



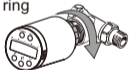
- \* Pls depend as picture “+” “-” to install battery

## Controller Installation

- 1 Put battery in battery compartment
- 2 Display show [E5E] flushing



- 3 When push rod is flush with base
- 4 Install controller with M30\*1.5 screw thread Interface of valve . Tighten the copper ring



- 5 Press "+" button, display [E5E] will flushing, controller will match valve stroker, if match successfully, will during initial setting



## Adapter Selection

Pls confirm valve diameter

Danfoss	
1/2 valve ( RA )	3/4 valve + long plunger ( RAV )
Caleffi	Giacomini
1/2 valve	1/2 valve + short plunger

## Adapter Installation

Danfoss

Please tighten the screws after fixing the valve connector

1/2 valve (RA)



3/4 valve (RAV)

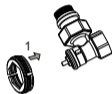
Danfoss 3/4 valve need install long plunger at the bottom of controller. Accessories, please put directly on the valve, forced to press the adapter and valves can be stuck.



Caleff

1/2 valve

Adapter, please put directly on the valve, forced to press the accessories and valves can be stuck.

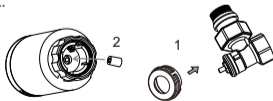


Giacomini

1/2 valve

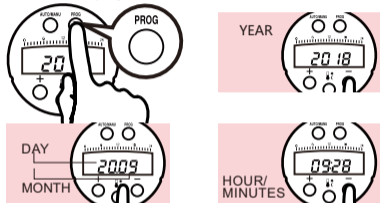
Giacomini 1/2 valve need install short plunger at bottom of controller .

Accessories, please put directly on the valve, forced to press the adapter and valves can be stuck.



## Controller Default Setting

Long press "PROG" button to choose month/date/year, press "+" "-" to set, when set finished will during controller display interface .



Long press "PROG" + "⚡" 3-5s to enter network time automatically update setting:

On: Turn on automatic update

OFF: Turn off automatic updates

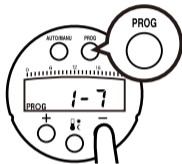
Press "PROG" to switch On and OFF

### \* Tips

- After each cell replacement, it is required to rematch the radiator valve stroke and carry out the initial setting and programming setting.
- If need to change year/month/date/hour/minutes , please long press "PROG" button for resetting.

## Weekly Period Setting

Short press "PROG" button to enter the programming setting ,press "+" "-" to select week , when finish set, press "PROG" button to switch setting items ,and the start time setting .



### Select weekly period

#### Unified Programmable (Show 1-7)

The programming settings from Monday to Sunday are the same.

#### Independent Programmable for 7 days

( Show number 1/2/3/4/5/6/7 )

The programming settings from Monday to Sunday are different.

## Time Setting

Press “+” “-” button to select the period of time ,short press the “PROG” button to switch to the temperature setting in the period of time.

There are 4 periods each day by default(including time setting and temperature setting), it is required to complete the setting of time and temperature in 4 periods of time at a time



period week	period 1	period 2	period 3	period 4				
Monday	06:00	20.0℃	08:00	16.0℃	18:00	20.0℃	22:00	16.0℃
Tuesday								
Wednesday								
Thursday								
Friday								
Saturday								
Sunday								

## Temperature Setting

Press “+” or “-” to adjust the temperature ,short press “PROG” and switch to the time setting in the next period of time.

There are 4 periods each day by default(including time setting and temperature setting), it is required to complete the setting of time and temperature in 4 periods of time at a time.



### \* Tips

- Short press “**AUTO/MANU**” button for saving the settings.
- Don't operate and wait **10s** for canceling the settings.
- Short press “**↵**” for returning to week selection.
- Long press the “+” “-” button for restoring the factory settings.

## Link APP-Login

Download:

Click App store or Android application market to download "Smart Life"APP.



Registration and Login:

Click the "Register" to create account.  
Enter your account password to log in



Register



Create accout



Login

## Link APP-Add devices

Add gateway:

- 1 Enter the "HOME" interface of the app,Click the "+" in the upper right corner .



- 2 Click the list bar "Others",  
Select the gateway (ZigBee) in the right device list.



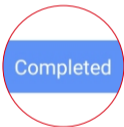
- 3 Click "Confirm CONFIG IND lights on(green)",and wait a few seconds.



- 4 Click "Connect", automatically search the device and wait a few seconds until the search progress is 100%



- 5 Click "Completed", it means the gateway added successfully.

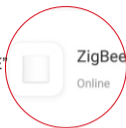


#### \* Tips

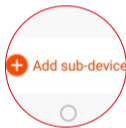
- Before adding the gateway, you need to electrify the gateway and connect the network cable
- When adding a gateway, the mobile phone and the gateway must connect to the same network.

#### Add controller:

- 1 Click the "Zigbee Gateway" you have added at the "HOME" interface.



- 2 Click "Add sub-device" for enter the device list.



- 3 Select the type of device you want to add (TRV).



- 4 long press controller "AUTO/MANU" and "+" until the screen show "----".



- 5 Click "Confirm indicator rapidly blink" on APP, and the controller show "YES", the app automatically search the device and wait a few seconds until the search progress is 100%.



- 6 Click "Completed", it means the controller added successfully.



\* Tips

- Gateway must be added before adding controller.

## Link APP-Temperature Setting

After the controller is added successfully, we can control the device through the APP.

Press ^ or v slip the circular arc for increase or decrease of the temperature.

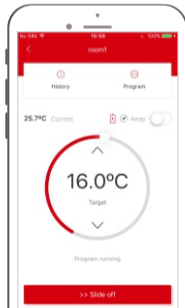
\* Tips

**Under the controller opening programming function :**

Adjust the temperature on the current interface, which is effective only in the current period of time but recovers the original programming in the next period of time.

**Under the controller canceling programming function:**

Adjust the temperature on the current interface, and remain the current temperature all long.



## Link APP-Pown On/Off Setting

Click ">> Slide off" and drag to the right to achieve "slipping for power off" or "slipping for power on".

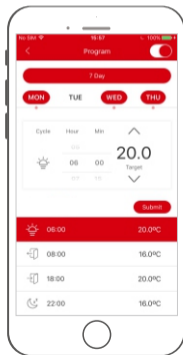
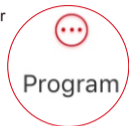


### \* Tips

If you are away for a long time, no heating equipment is required at home and it is in the cold state, you can directly switch it off and our controller can automatically enter the "anti-freezing mode", which is started at the room temperature of less than 5°C and closed at the room temperature of over 8°C, so as to prevent the radiator from heating failure because of being frozen.

## Link APP-Programming Setting

- 1 Click the programming to enter the programming interface.
- 2 Selecting the period of time of 7-day programming, press "^" or "v" to set temperatures in the different periods of time.

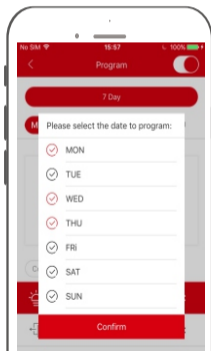


## Link APP

### -Multi-day Programming Setting

- 1 Enter the programming interface and then click the "7-day" key.
- 2 Click the date to be edited and confirm it.

7 Day



## Link APP

### -Temporary Stay-out Setting

- 1 If you need to stay out temporarily, please click "Away" key.

The temperature can remain at 16°C, the energy-saving icon "🌙" turns green and is on



- 2 After you arrival at home, click "🌙" key to recover the previous temperature setting.

## Recovery Factory Setting/Exit network

Long press “+” and “PROG” at the same time for 3-5s, and the controller show “rESr”, it means recover factory setting/ exit network successfully.

