

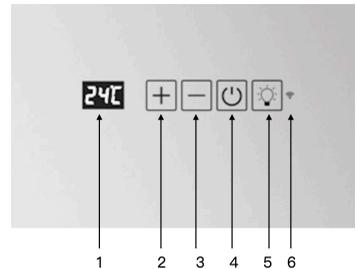
## 4. Operation:

### 4.1 General Introduction to the Smart Control

The LM-Pro has an integrated WiFi touchscreen control box, which means there is no additional thermostat needed to control the heater. The panel can either be controlled manually using the touch screen on the bottom of the mirror surface or operated via a smartphone. Once the heater has been connected to the APP, the smartphone will take control along with the control box. If your home internet is not working, it is still possible to operate the heater via touchscreen. Just power off the heater and power it on again after a few seconds. Once the heater is reconnected to the WiFi, it will automatically reconnect to the smartphone. Both heating and lighting systems can be easily operated via the touch button and the APP.

### 4.2 Touch control button description

1. Screen
2. + button
3. - button
4. Power button
5. Light button
6. Wifi indicator



\* When the screen display shows "OFF", it means that the heater is in standby mode and not completely disconnected from the electricity.

### 4.3 Manual Heating Control

**Heating on/off:** Press the power button to turn on/off the heating function of this heater.

**Count-down timer:** Power on the heater, press and hold the "-" button for 3 seconds until the screen shows 00H, modify the count-down number by pressing the "+" or "-" button.

### 4.4 Lighting control

**Lighting on/off:** Press the "light" button to turn on/off the lighting.

**Dimmable:** Press and hold the "light" button; the brightness of the lighting will be dimmable to minimum or maximum until you hear a beep sound.

**Color temperature:** With the touch button, you can change to different color temperatures. Press and hold both "light" and "-" buttons until you see "C1" on screen, adjust between "C1", "C2", and "C3", which refer to 6000K/4000K or 3000K color. After connecting the device to the APP, you have more color temperature options to choose from.

## 4.5 Anti-foggy mode

This heater has an anti-foggy mode function. Press and hold the power button until "AF" appears on screen to enter the anti-foggy mode. It will cycle for 20 minutes ensuring no fog on the mirror surface; after completion, the heater will be in "OFF" position. If you wish to quit in between, press and hold the power button until "OFF" appears on the screen.

## 4.6 Child lock

Press both the "+" and "-" buttons together for 3 seconds to activate child lock mode; "CL" will appear on the screen. Press both buttons again to deactivate child lock mode.

## 4.7 Open window detection

This heater has an open window detection function which is off by default but can be activated after connecting your heater to the APP. When the function is on, the heater will monitor the heating system; in case of a dramatic temperature decrease in a short time period, "OP" will flash on the screen. The system will shut off the heater and normal operation will resume after 30 minutes; pressing any button in between will return the heater to normal operation.

## 4.8 Temperature calibration

Power on the heater; The screen shows temperature reading now. Press and hold the "+" button for 5 seconds to enter temperature calibration mode; edit the number by pressing the "+" or "-" button (adjustable between +5/-5 degrees).

## 4.9 Additional APP Functions

After connecting to the APP, you will be able to do more settings, including:

- Set up a heating mode and schedule
- Remotely operate your heater
- Constantly check the energy consumption of your heating system (**Settings>>Energy Saving Statistics**)
- Disable the "Beep" noise

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## 4.10 Control via APP

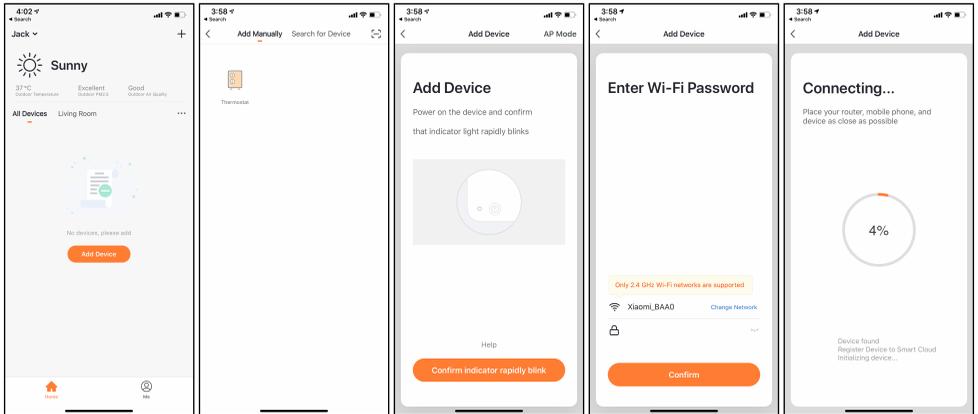
### 4.10.1 How to download the Sundirect Smart APP

Scan the QR code on the right side to start the procedure to download the APP, or you can download the APP "Sundirect Smart" on APP Store or Google play, open the APP and register with your phone number or Email address.



### 4.10.2 Connect to WIFI:

**Step1:** Turn on the heater. The WIFI signal will start to flash rapidly. Open the APP on your smartphone and add your device. Choose "Add Device", then "Add Manually", and then choose "Thermostat" to add the device.



**Step2:** Enter the WIFI password of your home network. Please make sure your home WIFI is working and keep the heater and smartphone as close as possible to the WIFI router.

**Please notice that this heater is only working with 2.4GHz WIFI networks, it doesn't support 5GHz networks currently. Also, make sure your internet router has enough capacity to add a new device.**

**Step3:** Wait till the connection status shows 100% to finish the settings and the WIFI signal on the control box will stop flashing.

If the heater fails to connect, please power off the heater and power it back on again after a few seconds to retry. If you still have any difficulty with the WIFI connection, please try a different WIFI connection mode, refer to "WIFI reset" in point 4.11.

#### 4.11 WIFI Reset

This heater offers two types of WIFI connection modes: EZ mode and AP mode. When the WIFI signal is flashing rapidly, the heater is under EZ mode; under AP mode, the WIFI signal will flash slowly. If you have any issues with one connection mode, try another.

You can switch between two connection modes by following these steps: Turn on the heater, press the power button until the screen shows "OFF", press and hold the "+" button for 5 seconds to reset the WIFI; meanwhile, the WIFI connection mode will change.

#### 4.12 Activate/Deactivate the WIFI Function

Power on the heater, press the power button until the screen shows "OFF", press and hold the "-" button for 10 seconds to deactivate this heater's WIFI function; The WIFI sign on screen will disappear. Press and hold the "-" button for 10 seconds again to reactivate it.