



Smart wi-fi Homcloud Chronothermostat

User Manual for
Gas Boiler & Water Underfloor Heating



PRODUCT SPECIFICATIONS

- ☆ Power: 90-240V AC 50/60HZ
- ☆ Temperature range: 1~70°C
- ☆ Display accuracy: 0.5°C
- ☆ Probe sensor: NTC (10k) 1%
- ☆ Temperature range: 5~35°C
- ☆ Contact capacity: 5A/250V ☆
- Size(mm): 130*90*25
- ☆ Homcloud code: XH-CTW
- ☆ Model n°: HY09BW WIFI
- ☆ Wireless frequency 2.412GHz ~ 2.484GHz
- ☆ Max transmitting power: 802.11b:20dBm@1Mbps
- ☆ Network protocol: IEEE 802.11 b/g/n 2.4 GHz
- ☆ Encryption type: WPA/WPA2
- ☆ Antenna: PCB antenna

DECLARATION OF CONFORMITY

Hereby, Life365 Italy S.p.A., declares that this wireless device complies with the essential requirements and other related provisions of Directive 2014/53/EU of the European Parliament and of the Council. The declaration can be consulted on the website www.homcloud.com/doc.

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INTEGRATION WITH ALEXA AND GOOGLE

Download and install Google Home or Amazon Alexa App and control your devices with your voice with Smart Speakers or directly with your smartphone.

Important: If you want to link Homcloud App to Google Home or Alexa App you need to select **“Smart Life”** App between the list of Google Home partners or Alexa skills. (after that passage the user will be automatically direct to Homcloud App). NO NEED TO DOWNLOAD SMART LIFE APP. JUST HOMCLOUD APP IS OK.

Please visit www.homcloud.com/config for support.

ICONS

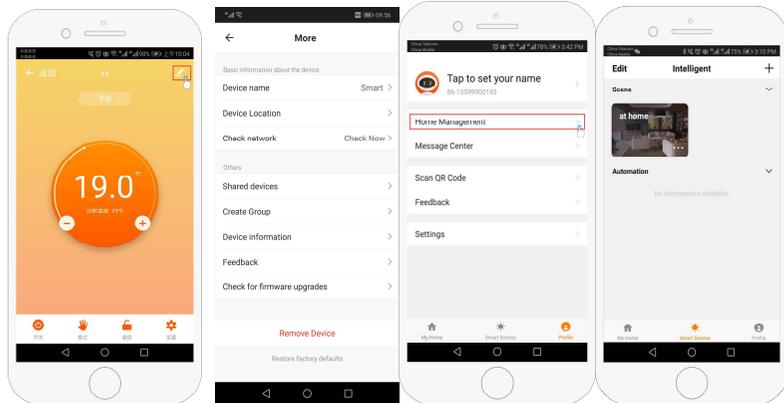
 Automatic Mode: run the pre-set programmable mode	programmable mode	P2 - run 6+1days 6 periods weekly programmable mode
 Manual mode		mode
 Holiday mode: you can set days and temperature of holiday (countdown mode)	P3 - run 7days 6 periods weekly programmable mode	
 Heating (if disappears means stop heating)		P1 、 P2 、 P3 select in the advanced setting option A8 (default is P1)
 Clock	 WIFI link status: connected	
 Run the programmable mode	 WIFI link status and cross: disconnected	
P1 - run 5+2days 6 periods weekly	 Cloud icon	

EXPRESS INSTALLATION AND CONFIGURATION GUIDE (EXPERT)

1. ATTENTION: DISCONNECT ELECTRICITY POWER BEFORE WORKING.
2. CONNECT THERMOSTATE TO POWER AND HEATING. SWITCH IT ON.
3. DOWNLOAD HOMCLOUD APP AND CREATE ACCOUNT.
4. WHEN THERMOSTATE ON, PRESS “” AND “” TOGETHER FOR MORE THAN 5 SEC

geolocation

- Share device: Share the device to the mobile phone or email account of the registered family member
- Create Group: Add all the devices which need to operate at the same time to the created group for convenient operation.
- Device information: Contains virtual ID; IP address; Mac address; Device time zone
- Remove device: After deleting the device, you need to reconnect the network if you want to use it.
- Third-party controls supported: amazon alexa/google assistant/IFTTT, click to enter, you will see the steps



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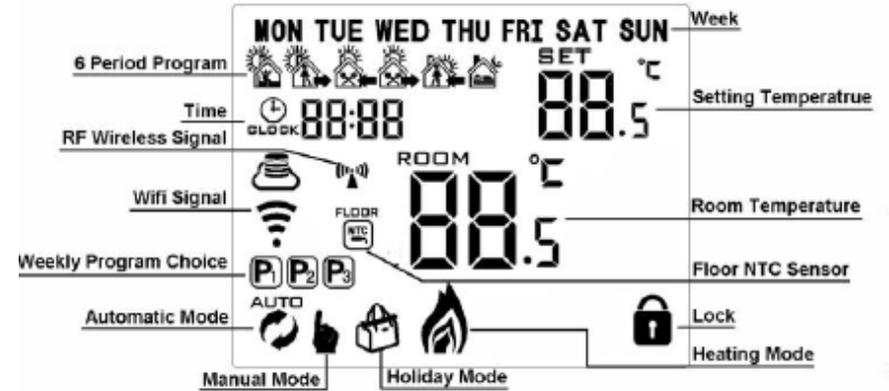


UNTILL WIFI ICON “  ” IS BLINKING.

5. FOLLOW STEP ON APP TO FINISH CONFIGURATION. (ADD DEVICE..)

6. DOWNLOAD AMAZON ALEXA or GOOGLE ASSISTANT APP AND LINK THEM TO HOMECLOUD APP TO CONTROL DEVICE ALSO VOCALLY.

HOME SCREEN



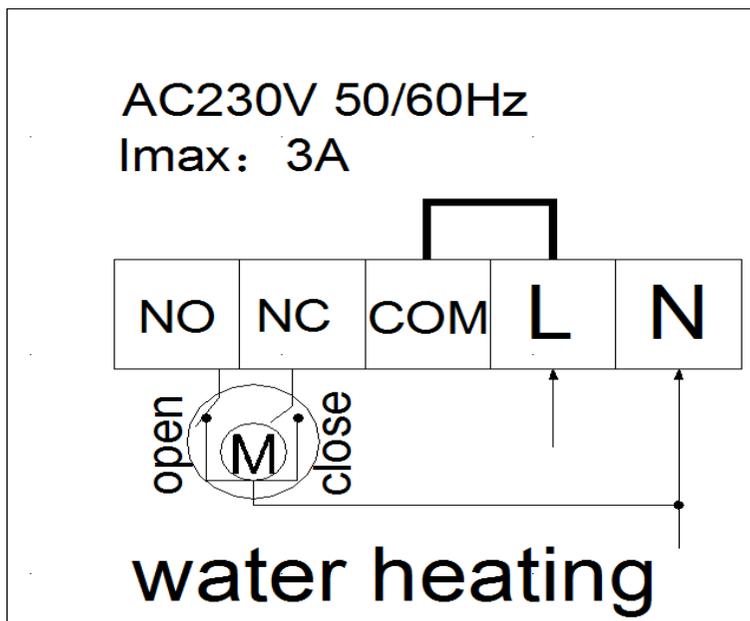
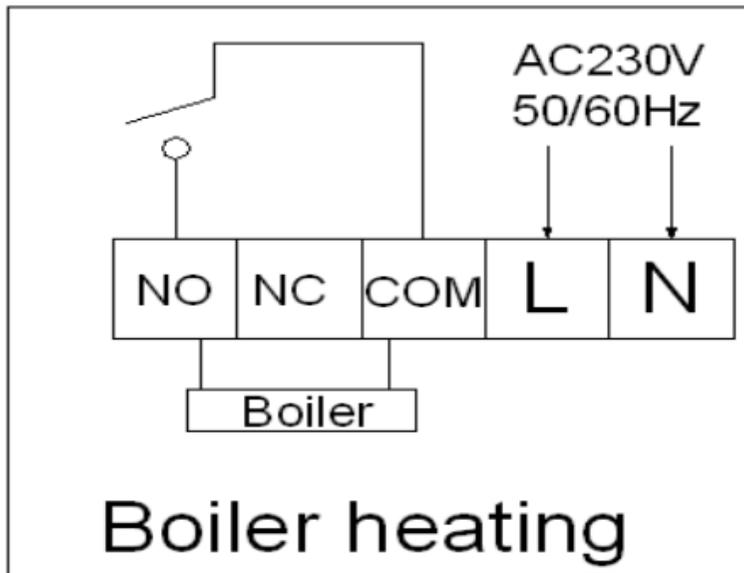
BEFORE WIRING AND INSTALLING...

1. Keep out of the reach of children and away from water, damp or a wet environment.
2. Read these instructions carefully. Failure to follow them could damage the product or cause a hazardous condition.
3. Check the ratings given in the instructions and on the product to make sure the produce is suitable for your application.
4. Installer must be a trained experienced service technician or electrician.
5. After installation is complete, check out produce operation as provided in these instructions.

WIRING DIAGRAMS



Please arrange professional technician to install the product according to drawings and instructions. Disconnect power supply before making any connection. Contact with components carrying hazardous voltage can cause electrical shock.



A1	Temperature Calibration	-9-+9°C	0.5°C
A2	Temp tolerance of built in Sensor	0.5-2.5°C	1°C
A3	Children Lock	0:half lock 1:full lock	0
A4	Min temp of integrated sensor (anti-freeze protection)	1-10°C(If when setting temp is higher than 10°C, screen display 【--】 , cancel anti freeze protection)	5°C
A5	Min Temp Setting	1-10°C	5°C
A6	Max Temp Setting	20-70°C	35°C
A7	Power off Memory when power cutting	0: Stay last state before power cutting 1: Electricity back - turn off 2: Electricity back - turn on	0
A8	Weekly Programmable Function	P1: 5+2 days P2: 6+1 days P3: 7 days	P1
A9	Restore to factory defaults	Display A or long press ⏸ until show the whole screen	-

MAIN FEATURES ON APP

1. Power on/off button
2. Mode key: Manual mode, Auto mode, Holiday mode.
3. Child lock: If turned on, thermostate on wall cannot be operated.
4. Set key: After clicking on, you can select the programmed mode (5+2, 6+1, 7 days) and set the temp and time for 6 periods of the weekdays and weekend.
5. Settings:

- Device location: it is important to set a location if you want to use device with

PROGRAMMABLE MODE SETTING

6 times period setting and weekly programmable mode setting: 5+2 days (factory default), 6+1 days, 7 days

TIME SETTING: Power on state, long press “⋮” 3-5 seconds to enter into first time period then set hour, minutes, period temperature, press “▲” and “▼” to adjust values. Same for all 6 periods. After finish setting, stand for about 10 sec will save setting and exit. The most comfortable temperature is 18°C-22°C.

- 6 times period setting -

Wake up		Out door		Back home	
6: 00	20°C	8: 00	15°C	11: 30	15°C
Out door		Back home		Sleep	
13: 30	15°C	17: 00	15°C	22: 00	15°C

HOLIDAY MODE SETTING

Power

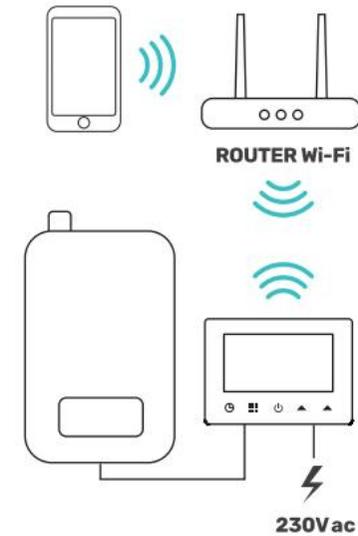
on state, long press for 3-5 seconds to set holiday mode setting. Press “▲” and “▼” to change ON to OFF. Then press to switch days and temperatures, press “▲” and “▼” to change values. Press again to confirm. If you want to close holiday mode press “⋮”.

ADVANCED OPTIONS

Power off state, long press for 3-5 seconds to do advanced setting. Short press “⋮” to switch and confirm. Press “▲” or “▼” to adjust options. After finish setting stand for about 5 seconds it will save setting then exit.

NO	Description	Range	Default
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SCHEMA FUNZIONAMENTO



APPLICAZIONE SCATOLA 503



DOWNLOAD AND REGISTRATION

(if you have got already Homcloud App on your mobile and an Account go to Configuration).

a. Download Homcloud App from App Store or Google Play or scan QR code below.



b. Enter the register/login interface and register with your country area code and phone number/email address.

c. Wait a few minutes for verification code (by email or text message) and enter it where required along with a password. (between 6 and 20 numbers and letters).

CONFIGURATION

Our App only support **2.4GHz Wi-Fi networks IEEE 802.11 b/g/n**. For configuration both device and smartphone need to be connected at the same Wi-Fi network. If you can, it is better to switch off temporary 5GHz networks just during configuration.

STANDARD - EZ MODE

1. See "Wiring diagrams" if you haven't done it yet and connect chronothermostat to power accordingly.
2. In the power-on state, long press on thermostate button "⏏" and "🕒" together for more than 5 seconds until wifi icon "📶" is blinking.
3. Press "Add Device" or "+" in the upper right corner to add the device and select the device type "Smart wifi Homcloud Chronothermostat"
4. On your app, click "Confirm icon rapidly blink", then select your network and back to your app to enter the password of your wireless router and confirm. The app will connect automatically. This may typically take up to 5~90 seconds to complete.

5. Your room name could be edited when the device is connected and you can choose the corresponding room location.

OPTION B – AP MODE (MANUAL) – (ONLY IF STANDARD EZ MODE FAILED)

1. Same step as before to make this icon "📶" "blinking. On app, click "AP Mode" on the upper right corner.
2. Click then "Confirm icon is blinking" then select your network and back to your app to enter the password of your wireless router and confirm. The app will go into another page with all wireless connections available.
3. Press Connect now to select the wifi signal Smartlife-XXXX of your thermostat (thermostate hot spot)
4. Go back to your app and click "Connect now" then the app will connect automatically. This may typically take up to 5~90 seconds to complete.

QUICK OPERATIONS – BASIC OPTIONS

NO	Icon	Description
A		Turn ON/OFF
B		1 Short press to switch automatic mode and manual mode 2 Power on state, long press for 3-5 seconds to do programmable setting 3 Power off state, long press for 3-5 seconds to do advanced setting
C		1 Confirm value: press 2 Short press: set time 3 Long press: Holiday mode setting (OFF close this function, ON open this function)
D		1 Decrease value 2 Long press to lock /unlock
E		1 Increase value 2 When in Auto mode state, press or to enter into temporary manual mode