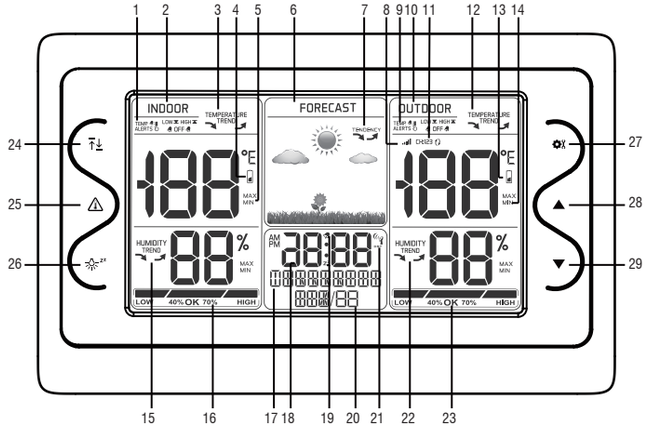
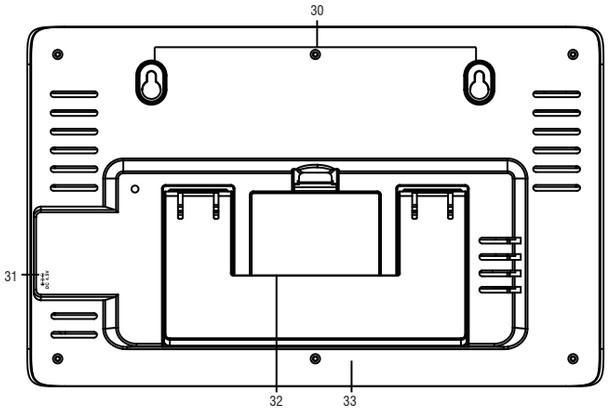
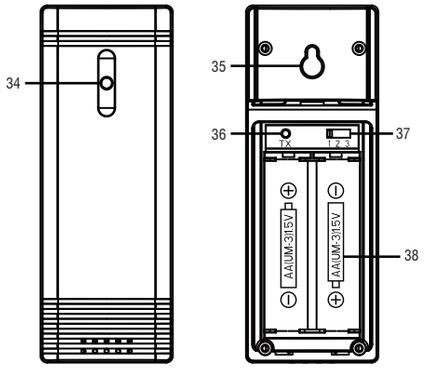
INSTRUCTION MANUAL







1. Indoor temperature alert
2. Indoor temperature / humidity
3. Tendency indoor temperature
4. Display low battery indicator
5. Indoor temperature/humidity MAX/MIN records
6. Icons weather forecast
7. Trend of barometer display
8. Outdoor sensor signal strength
9. Outdoor temperature alert
10. Outdoor temperature / humidity external sensor
11. Channel external sensor
12. Tendency outdoor temperature
13. Sensor low battery indicator
14. Outdoor temperature/humidity MAX/MIN records
15. Tendency indoor humidity
16. Indoor comfortable level
17. Weekday
18. Time display
19. Alarm and snooze icons
20. Calendar
21. Symbol Radio Control RCC
22. Tendency outdoor humidity
23. Outdoor comfortable level
24. MAX/MIN button
25. ALERT button
26. SNZ/LIGHT button
27. MODE button
28. UP button
29. DOWN button
30. Wall mount hole
31. External power supply socket
32. Battery Compartment 3xAAA
33. Pedestal
34. Wireless signal indicator (Flashes when data is being sent to the display unit)
35. Integrated hang hole
36. TX button
37. TX channel selector, select external sensor channel
38. Compartment 2xAA batteries

MAIN FEATURE:

a) 6 Keys: ⏏, ⚠, ☼ᶻᶻ, ⚙, ▲, ▼
b) RCC receive form: DCF
c) Barometric pressure display
d) Weather forecast: Sunny, Partly sunny, Cloudy, Rainy, Stormy and Snowy.
e) Low Battery indicator for outdoor sensor and station
f) Time, date and week
g) Temperature in °C / °F
h) Indoor temperature (0 °C ~ 50 °C)
i) Outdoor temperature (-44 °C ~ 70 °C)
j) Indoor and outdoor humidity (20 % - 95 %)
k) Outdoor/indoor temperature and humidity trend
l) Outdoor upper and lower temperature alert
m) Max./Min. temperature and humidity memory
n) Low battery icon
o) Alarm and Snooze
p) LED back light

Buttons function

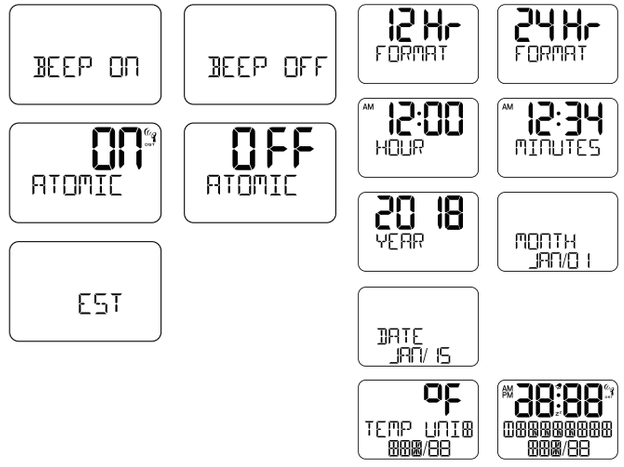
Mode \ Button		⚙	▲	▼	⚠	⏏	☼ᶻᶻ
Standard mode	Press once	Check alarm	Switch channel	---	Check alert	Max.&Min values display	Active back-light (5S)
	Hold	Time setting	RF receiving	ON or OFF RCC	ALERT setting	Clear memory	----
Time setting	Press once	Confirm setting	Go ahead at 1 step	Go back at 1 step	---	----	Backlight for 5s
	Hold	----	Go ahead at 8 steps/second	Go back at 8 steps/second	---	----	----
Alarm setting	Press once	Confirm setting	Go ahead at 1 step	Go back at 1 step	---	----	Backlight for 5s
	Hold	----	Go ahead at 8 steps/second	Go back at 8 steps/second	---	----	----

Power on

1. The LCD display fully for 2 seconds when power on, then with a sound BI into 3 minutes RF receiving.
2. Default time: 0：00 24H
3. Date: JAN/01 2018, MONDAY
4. AL: 7:00
5. Default temperature: °C
6. Weather station: partly sunny

TIME SETTING

1. In standard mode, hold ⚙ key to time setting. Setting item will twinkle by 1HZ.
2. Setting order is as follow:
   DCF：BEEP sound ON/OFF→RCC ON/OFF(Atomic ON/OFF)→Time ZONE→ 12/24HR→hour→minute→year→month→date→temperature unit→ exit
3. When setting, press ▲ once to go ahead at 1 step. Press and hold to go ahead at 8 steps/second.
4. When setting, press ▼ once to go back at 1 step. Press and hold to go back at 8 steps/second.
5. Exit setting by press ⚙ or no any setting for 20S.



Alarm setting

1. Press ⚙ to alarm mode, hold ⚙ to set alarm.
2. Set order is：hour→minute→exit
3. In set, press ▲ to go ahead by once. Hold ▲ to go ahead at 8 steps/second.
4. In set, press ▼ to back by once. Hold ▼ to go back at 8 steps/second.
5. Press ⚙ or no handling in 20s will exit after set finish.
6. When check alarm, press ▲ or ▼ to open or close alarm. No handling in 5s will go back to time display.

Alarm sound

1. Alarm time：2 mintues
2. Alarm mode：
   0-10s：one BI/second
   10-20s：twice BIs /second
   20-30s：four BIs /second
   After 30s: continuous beep
3. When alarm, press ☼ᶻᶻ to snooze function.
4. Snooze function is 5 minutes.
4. No matter alarm or snooze, press any button to stop alarm except ☼ᶻᶻ

Indoor temperature and humidity

1. Indoor temperature 0°C ~ 50°C, display LL.L when below 0°C and display HH.H when higher than 50°C.
2. Humidity range: 20%-95%, display 20% when below 20% and display 95% when higher than 95%
3.When alarm ringing or RF receiving, temperature and humidity test will be stopped.

RF receiving function

The clock will register RF signal for 3 minutes automatically when power on then enter RCC receiving.

- In RF registration process, Antenna symbol increase:
  . → .ıl → .ıl → .ıl → .ıl
- When register RF successfully, it will display maximum signal .ıl
- During synchronous progress, if receive fails once, then the signal .ıl → .ıl
- If RF synchronization failure to reach in one hour, data will display --- ,--°C, --% and ID reserved, then automatically open long receiving mode for 3 minutes. If still fail, clock will start for 3 minutes receiving in next hour.

RCC receiving function

- The clock starts to RCC receiving after RF receiving.
- Hold ▲ to RCC receiving.
- It will automatically receive RCC everyday.
- If receiving RCC, the symbol of antenna tower flash in ; if receiving success, the symbol of antenna tower change from → .
- The symbol display in when with DST.
- When receiving RCC, hold ▼ to exit RCC receiving. Except ☼ᶻᶻ button with light on function, rest keys are without function .

BACK LIGHT

- When powered by battery only: press to active back light for 10 seconds.
- When powered by adapter: the back light will always keep on then press to switch the brightness of back light and the order is HI→LO→OFF→HI.

LOW BATTERY

Main unit and sensor will show , it means the battery will use up and need to change a new battery.

Temperature alert set

1. In standard mode, press to set switch temperature alert function. In set, press button ▲to turn on the current temperature alert function and press button ▼ to turn off. Display when the temperature alert function turned on. Display OFF when it turned off.
2. Press to set and order is： ON/OFF→indoor temperature upper limit→indoor temperature lower limit→ON/OFF→outdoor temperature upper limit→outdoor temperature lower limit→exit.
3. In standard mode, hold to temperature alert setting and setting item will twinkle.
4. In set, press ▲ to go ahead by once. Hold ▲ to go ahead at 8 steps/second.
5. In set, press ▼ to back by once. Hold ▼ to go back at 8 steps/second.
6. Press or no handling in 20s will exit after set finish.
7. Temperature alert range: indoor 0°C to 50°C, outdoor -44°C to +70°C. Default is OFF status.

Temperature alert

1. Temperature and alert icon will flash when alert.
2. In temperature alert status, alert temperature icon will twinkle and temperature will always display.
3. Temperature alarm sound:
   A. four BIs /second
   B. alarm 5s and close 55s
4. Not stop alarm until meet stop conditions.
5. Alarm stop conditions：
   A. Press any button to stop alarm but temperature and alert icon will continuously flash.
   B. When temperature go back into alert range.
   C. When set mode from ON to OFF.

Max./Min. temperature and humidity data

1. In standard mode, press to check max. and min. temperature & humidity data.
2. When checking Max. or Min. data, hold button to clear Max and Min.data

Comfort icon

LOW： When humidity is below 40%
OK： When humidity is below 40-70%
HIGH： When humidity is beyond 70%

SENSOR TX9

SENSOR FOR WEATHER STATIONS

PRECAUTIONS

- Avoid placing the clock near interference sources/metal frames such as computer or TV sets.
- The outdoor sensor must not be set up and installed under water. Set it up in away direct sunlight and Rain
- Never clean the device using abrasive or corrosive materials or products. Abrasive cleaning agents may scratch plastic parts and corrode electronic circuits
- Do not clean any part of the product with benzene, thinner or other solvent chemicals. When necessary, clean it with a soft cloth.
- Never immerse the product in water. This will damage the product.
- Do not subject the product to extreme force, shock, or fluctuations in temperature or humidity.
- Do not tamper with the internal components.
- Do not mix new and old batteries or batteries of different types.
- Do not mix alkaline, standard or rechargeable batteries with this product.
- Remove the batteries if storing this product for a long period of time.
- Do not dispose of this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.

OUTDOOR SENSOR

1) Hanger
   For easy placement
2) TX Button
3) Battery Compartment
4) Channel Switch
5) Battery Compartment Cover
6) Wireless Signal Indicator
   Flashes when data is being sent to the display unit

1 A. TX Switch - Set to match display unit
2 B. Install Batteries 2 AA batteries

1) Set the TX Switch

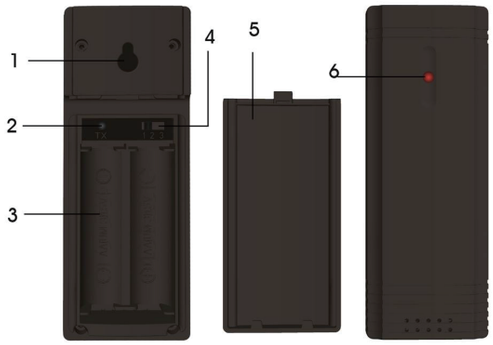
The TX switch is located inside the battery compartment.It can be set to 1, 2 or 3.

2) Install or Replace Batteries

Recommends high quality alkaline or lithium batteries for the best product performance.Heavy duty or rechargeable batteries are not recommended. The sensor requires lithium batteries in low temperature conditions. Cold temperatures can cause alkaline batteries to function improperly. Use lithium batteries in the sensor for temperatures below -4 ºF / -20 ºC.

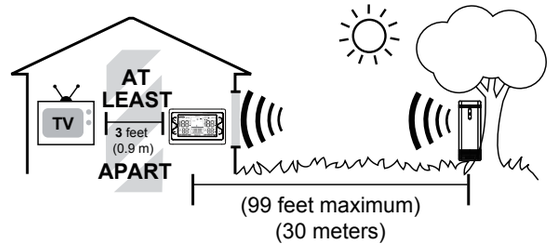
A. Slide off the b attery compartment cover. Take note of the 1-2-3 switch setting inside the battery compartment.
B. Insert 2 x AA batteries into the battery compartment, as shown. Follow the polarity (+/-) diagram in the battery compartment.

WE RESERVE THE RIGHT TO CHANGE TECHNICAL SPECIFICATIONS.



Important placement guidelines：

1. To ensure accurate temperature measurement, place units out of direct sunlight and away from any heat sources or vents.
2. Display unit and remote transmitter must be within 99ft(30m) of each other.
3. To maximize wireless range, place units away from large metallic items, thick walls, metal surfaces, or other objects that may limit wireless communication.
4. To prevent wireless interference, place both units at least 3ft(.9 m) away from electronic devices(TV, computer, microwave, radio, etc.)



FQA

Q: When put on with adaptor, weather station will not always light.
A: Kindly check whether adaptor is inserted properly.

Q: Backlight is too bright.
A: Backlight brightness is with three levels for choice.

Q: Weather station can not receive signal from sensor.
A: 1) Choose right channels; 2) Power on again; 3) Take away sensor to right place after weather station receives signal of sensor; 4) Far away from interferent.

Q: Screen will be dart after power on.
A: Screen will be dark when clock is receiving RCC.After receipt, screen will be light again.

Q: Why weather forecast is not accurate?
A: 1) Our weather staton forecasts future 12-24H weather; 2) Weather forecast accurate is 50% -70%.

Q:Time is not accurate.
A: When set clock, please choose right time zone.

Q: Battery life time is too short.
A: It is better to use adaptor when weather station is color screen. Color weather station power consumption is very high.

Q: Distance for sensor and weather station.
A: 30m in open area.

Q: Temperature and humdity are not accurate.
A: 1) Can not compare with data from mobile phone; 2) When power on, temperature and humidity data are not very accurate.It is better to check after 2 hours later.It is acceptable for temperature tolerance of ±1.5℃ and humidity tolerance of ±10% when sensor and weather station put in same place 。

WARNING: Do not use this product near water in wet areas, to avoid fire or injury of electric current. Always turn off the product when you don't use it or before a revision. There aren't any parts in this appliance which are reparable by consumer. Always appeal to a qualified authorized service.The product is under a dangerous tention.

Old electrical appliances, used batteries and accumulators disposal

This symbol appearing on the product, on the product accessories or on the product packing means that the product must not be disposed as household waste.When the product/ battery durability is over, please, deliver the product or battery (if it is enclosed) to the respective collection point, where the electrical appliances or batteries will be recycled. The places, where the used electrical appliances are collected, exist in the European Union and in other European countries as well. By proper disposal of the product you can prevent possible negative impact on environment and human health, which might otherwise occur as a consequence of improper manipulation with the product or battery / accumulator. Recycling of materials contributes to protection of natural resources. Therefore, please, do not throw the old electrical appliances and batteries / accumulators in the household waste. Information, where it is possible to leave the old electrical appliances for free, is provided at your local authority, at the store where you have bought the product. Information, where you can leave the batteries and accumulators for free, is provided to you at the store, at your local authority.

MADE IN CHINA

FCC WARNING

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
—Reorient or relocate the receiving antenna.
—Increase the separation between the equipment and receiver.
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help.