## Features*:*

▸ Perpetual Calendar Up to Year 2099

▸ Day of week in 7 languages user selectable: English, German, Italian, French, Spanish, Netherlands and Danish

▸ Time in 12-hour or 24-hour format.

▸ Two daily alarms

▸ Automatic snooze function (OFF or 5~60min)

▸ Sunrise and sunset time (select city)

▸ Moon phases and tides

▸ Humidity: Indoor & Outdoor measurable range: 20%RH ~ 95%RH

▸ Temperature:

— Indoor temperature measurement ranges: -9.9°C (15°F) to 50°C (122°F)

— Outdoor temperature measurement ranges: -40°C (-40°F) to70°C (158°F)

— Temperature alternatively in °C or °F.

—  outdoor thermometer alert.

▸ Minimum/maximum display for air humidity and temperature

▸ Display of indoor comfort and mold risk

▸ Outdoor temperature upper and lower limit alert and frost warning

▸ Wireless Outdoor Sensor:

— Wall Mount or Table Stand

— 433.92MHz RF transmitting frequency

— 60 meters transmission range in an open area

—Up to 3 wireless outdoor sensors can be connected. (One Wireless outdoor Sensor Included)

▸ Atmospheric pressure:

— Atmospheric pressure measurement ranges: 600 hPa/mb to 1100 hPa/mb

17.72 inHg to 32.50 inHg

— Pressure alternatively in hPa/mb or inHg

—The histogram shows the historical trend of the 24-hour atmospheric pressure

▸ The weather forecasting function

▸ Power Supply:

Weather Station:

Battery: 2 x LR6 AA

Equipment power input: DC 5V 600mA (dedicated power adapter)

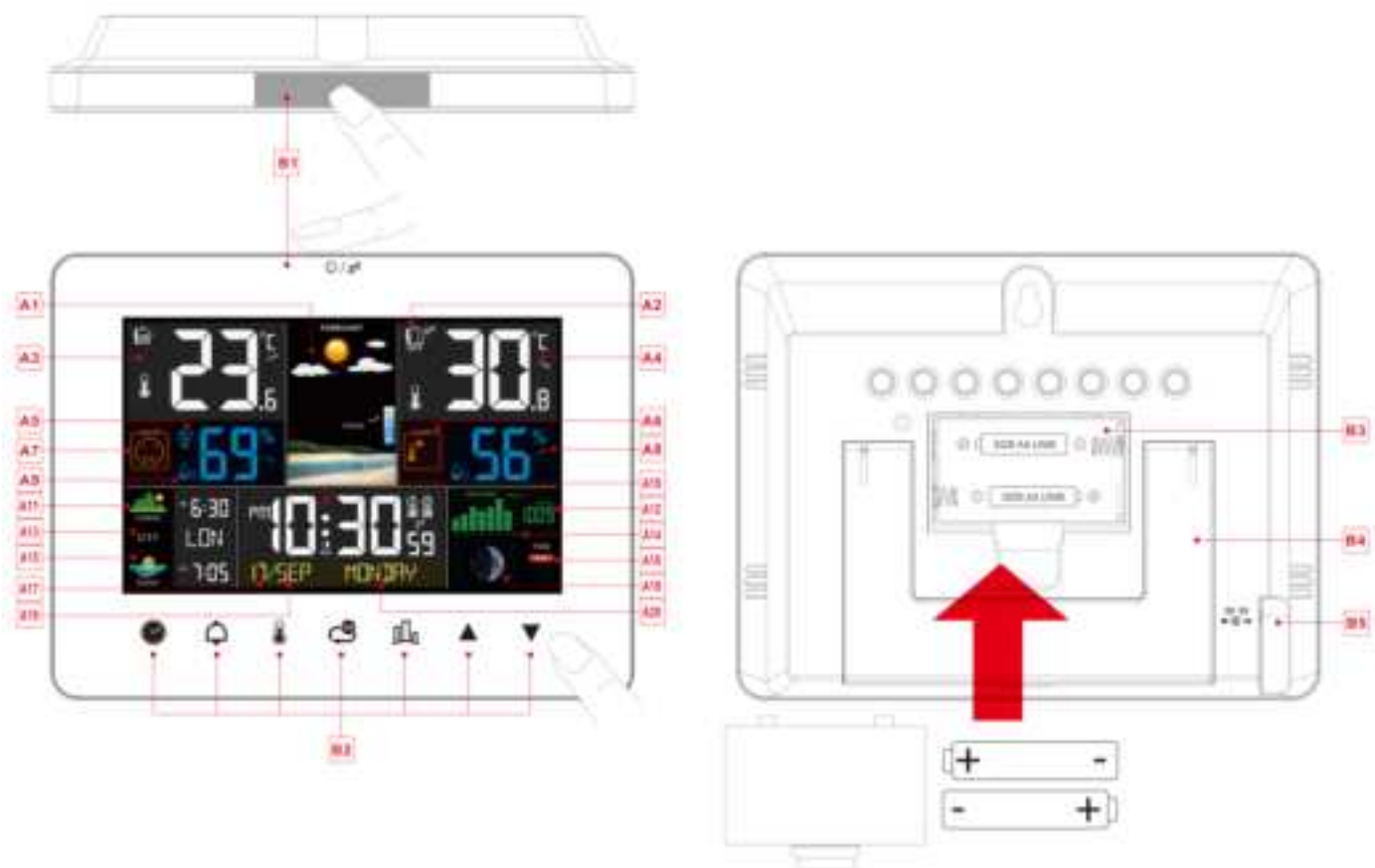Wireless Outdoor Sensor:

Battery:2 x LR6 AA

*F.Y.I.:*

The wireless remote sensor can work at -30°C to +70°C. Please choose the right battery according to the limit temperature of the wireless sensor:

Alkaline zinc manganese battery can work at -20°C to +60°C

Polymer lithium ion rechargeable battery can work at -40°C to +70°C.
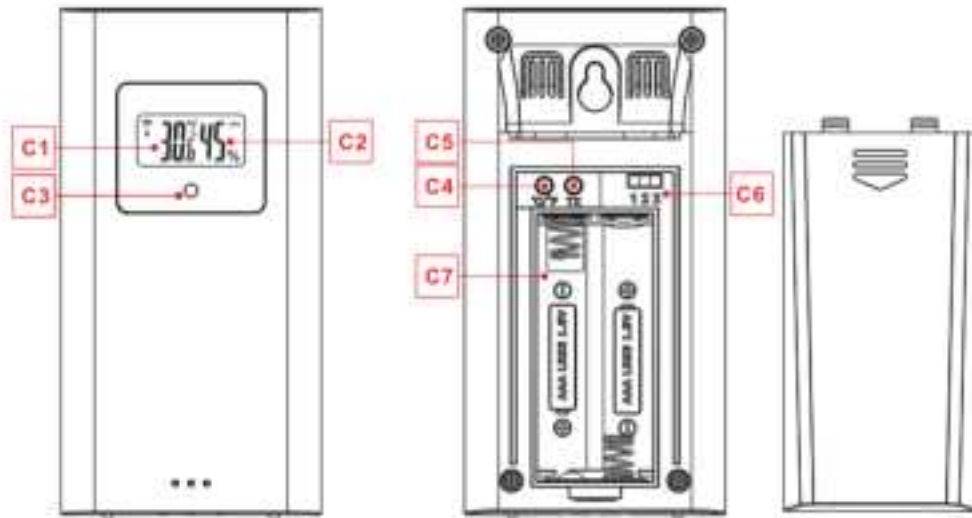
## Weather Station **Appearance**



### Part A-Positive LCD

A1: Weather forecast

A3: Indoor Temperature

A5: Mold Risk of Indoor

A7:Comfort Index of Indoor

A9: Indoor Humidity

A11: Sunrise time

A13: Selected city

A15: Sunset time

A17: Date

A19: Month

A2: Outdoor wireless channel and receiving icon

A4: Outdoor Temperature

A6: Alert of Outdoor Temperature

A8: Outdoor Humidity

A10: Time

A12: Atmospheric pressure

A14: Histogram of historical pressure trends

A16: Tide level

A18: Moon phase

A20: WEEK

### Part B – Back button and power

B1: "☼/z<sup>z</sup>" touch field

B3: Battery compartment

B5: Power supply socket

B2: Touch keyboard

B4: Support frame

**Part C –Wireless Remote Sensor:**

C1: LCD display – Temperature

C2: LCD display – Humidity

C3: Transmit signal LED

C4: "°C/°F" button

C5: "TX" button

C6: "CHANNEL 1 or 2 or 3" switch

C7: Battery compartment

## Initial operation:

▸ According to the appearance of the Weather Station, the power adapter is inserted from the B5 position, and the power supply of the power adapter is also noted.

▸ Open Weather Station battery compartment cover, open Weather Station battery compartment cover, insert 2 x AA batteries observing polarity [ "+" and "–" marks]

▸ After the weather station is connected to the power supply according to the above two steps, all the icons on the LCD display will light up for 3 seconds, you will hear the buzzer, and check the indoor temperature, humidity and pressure.

▸ The Weather Station will now start to make a connection to the outdoor remote sensor. This operation takes about 3 minutes and is displayed by a flashing reception RF antenna symbol in the "**OUTDOOR**" display area on the receiver.

▸ This now, open Wireless Outdoor Sensor battery compartment cover, according to the channel to be set, the channel of the sensor is set through the shift switch of the C6 position of the sensor, and Insert 2 x AA batteries observing polarity [ "+" and "–" marks]

▸ When the wireless sensor is loaded into the battery, all the icon on the LCD display will briefly light up for 3 seconds, and detect the temperature and humidity of the sensor, At the same time, LED lights flicker once, the wireless sensors automatically transmit wireless signals.

▸ When the Wireless Sensor is launched, the Weather Station alarm automatically receives its signal, and the "**OUTDOOR**" column displays the temperature and humidity values.

### *F.Y.I.:*

▸ The Weather Stations can receive up to 3 channels of wireless sensors.

▸ The conventional wireless sensor displayed by the weather station is channel 1. If the wireless sensor is set to channel 2 or 3, you need to press the " " button of the weather station to switch to channel 2 or 3, and then check whether the temperature and humidity are correct to confirm whether the signal is successfully received.

## Manual time setting:

▸ Press and hold down the " " button more than 2 seconds to enter the time and general settings, first set the button's BEEP sound, now use "▲" and "▼" buttons to set BEEP in ON or OFF.

▸ Press " " to confirm your setting, switch to temperature unit setting. Now use the "▲" and "▼" button to set the temperature of the unit, the unit of temperature can be set to "°C" or "°F"

▸ Press " " to confirm your setting, switch to pressure unit setting. Now use the "▲" and "▼" button to set the pressure of the unit, the unit of t pressure can be set to "hPa" or "inHg"

▶ Press "⬤" to confirm your setting, switch to daylight saving time (DST) function setting, Now use "▲" and "▼" buttons set the DST function to activate(ON) or close(OFF)

▶ Press "⬤" to confirm your setting, switch to the 12/24 hour mode display setting. Now use "▲" and "▼" buttons to set the time displayed in 12-hour or 24-hour format

▶ Press "⬤" to confirm your setting, switch to the hour setting. Now use "▲" and "▼" buttons to set the correct hour.

▶ Press "⬤" to confirm your setting, switch to the minute setting. Now use"▲" and "▼" buttons to set the correct minute.

▶ Press "⬤" button to confirm your setting, switch to the year setting. Now use "▲" and "▼" buttons to set the correct year.

▶ Press "⬤" button to confirm your setting, switch to the month setting. Now use "▲" and "▼" buttons to set the correct month.

▶ Press "⬤" button to confirm your setting, switch to the date setting. Now use "▲" and "▼" buttons to set the correct date.

▶ Press "⬤" button to confirm your setting, switch to the language selection for the week and month displays setting. Now use "▲" and "▼" buttons to select a language.

▶ Press "⬤" button to confirm your setting, switch to barometric pressure calibration mode. Now use "▲" and "▼" buttons to set the atmospheric pressure value.

▶ Press "⬤" button to confirm your setting, switch to setting the initial weather. Now use "▲" and "▼" buttons to to select the current weather

▶ Press"⬤" to confirm your setting and to end the setting procedures, enter the clock mode

▶ During the time setting process, double-click the "☼ / z²" touch area to exit the setting mode directly.

*F.Y.I.:*

▶ After 20 seconds without pressing any button, the clock switches automatically from Set Mode to Normal Time Mode.

▶ There are 7 languages of Weekday: English, Deutsch, Français, Italian, Español, Nederlands and Dansk.

Week language display

| Language | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|----------|--------|--------|---------|-----------|----------|--------|----------|
| English | SUNDAY | MONDAY | TUESDAY | WENDESDAY | THURSDAY | FRIDAY | SATURDAY |
| Deutsch | SONNTAG | MONTAG | DIENSTAG | MITTWOCH | DONNERSTAG | FREITAG | SAMSTAG |
| Français | DIMANCHE | LUNDI | MARDI | MERCREDI | JEUDI | VENDREDI | SAMEDI |
| Italian | DOMENICA | LUNEDI | MARTEDI | MERCOLEDI | GIOVEDI | VENERDI | SABATO |
| Español | DOMINGO | LUNES | MARTES | MIERCOLES | JUEVES | VIRNES | SABADO |
| Nederlands | ZONDAG | MAANDAG | DINSDAG | WOENSDAG | DONDERDAG | VRIJDAG | ZATERDAG |
| Dansk | SONDAG | MANDAG | TIRSDAG | ONSDAG | TORSDAG | FREDAG | LORDAG |

Month code display

| Language | January | February | March | April | May | June | July | August | September | October | November | December |
|----------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|
| English | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
| Deutsch | JAN | FEB | MAR | APR | MAI | JUN | JUL | AUG | SEP | OKT | NOV | DEZ |
| Français | JAN | FEV | MAR | AVR | MAI | JUI | JUL | AOU | SEP | OCT | NOV | DEC |
| Italian | GEN | FEB | MAR | APR | MAG | GIU | JUG | AGO | SET | OTT | NOV | DIC |
| Español | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC |
| Nederlands | JAN | FEB | MAA | APR | MEI | JUN | JUL | AUG | SEP | OKT | NOV | DEC |
| Dansk | JAN | FEB | MAR | APR | MAJ | JUN | JUL | AUG | SEP | OKT | NOV | DEC |

▸ In the set time, the number of minutes of the change, automatically from the zero second forward

▸ In the set time, you can press hold the "▲" and "▼" button to quickly change the setting of the value

▸ The forecast of the weather station is based on the analysis of changes in air pressure. The atmospheric pressure is provided by the factory and has been adjusted to absolute pressure. Since air pressure usually decreases as altitude increases, public meteorological agencies always publish so-called relative air pressure. In order to obtain a comparable value, the relative air pressure has been adjusted to the topography of the country. You can adjust the air pressure of the weather station to the ratio of its location. For this, you must uniquely adjust the current air pressure of the weather station. Ask your local weather forecast service about the air pressure at sea level, or get the current value from the Internet. The above adjustment of the air pressure setting is based on this reason. When the air pressure is absolute air pressure, ABS PRESSURE is displayed, and when the air pressure is adjusted, it displays REL PRESSURE.

▸ If the daylight saving time system is not implemented in this area, please select ON or OFF according to whether the city in your area adopts daylight saving time, and the time of sunrise and sunset will also be determined according to daylight saving time

## Setting the daily alarms:

▸ Press and hold down "⏰" button more than 2 seconds to enter the alarm setting mode, first enter the alarm 1 hour setting. Use the "▲" and "▼" buttons to set the required hour.

▸ Press "⏰" button to confirm your setting, switch to the alarm 1 Minute setting. Use the "▲" and "▼" buttons to set the

required minute.

▶ Press "⏱" button to confirm your setting, switch to the alarm 1 repeat setting. Use the "▲" and "▼" buttons to set the alarm repeat in "M-F" or "S-S" or "M-F" and "S-S".

▶ Press "⏱" button to confirm your setting, switch to the alarm 1 snooze time setting. Use the "▲" and "▼" buttons to set the minute of snooze you need.

▶ Press "⏱" button to confirm your setting, switch to the alarm 2 hour setting. Use the "▲" and "▼" buttons to set the required hour.

▶ Press "⏱" button to confirm your setting, switch to the alarm 2 minute setting. Use the "▲" and "▼" buttons to set the required minute.

▶ Press "⏱" button to confirm your setting, switch to the alarm 1 repeat setting. Use the "▲" and "▼" buttons to set the alarm repeat in "M-F" or "S-S" or "M-F" and "S-S".

▶ Press "⏱" button to confirm your setting, switch to the alarm 1 snooze time setting. Use the "▲" and "▼" buttons to set the minute of snooze you need.

▶ Press "⏱" button to confirm your setting and to end the setting procedure.

▶ During the time setting process, double-click the "☼ / z^Z" touch area to exit the setting mode directly.

*F.Y.I.:*

▶ After 20 seconds without pressing any button the clock switches automatically from setting mode to Normal clock mode.

▶ The alarm is repeatedly set to M-F, the alarm function will be activated from Monday to Friday, the Saturday and Sunday will be invalid. The alarm is repeatedly set to S-S, and the alarm function will be activated on Saturday and Sunday, and will expire from Monday to Friday. When the alarm is repeatedly set to display both M-F and S-S, the alarm function will be activated throughout the week.

▶ the snooze time setting range: 5 ~ 60MIN, OFF, when set to OFF, means no snooze function. Snooze time unit is minutes.

## The alarm for opening and closing

▶ Press "⏱" button can switch the display ALARM1 time or ALARM2 time, in the alarm1 or alarm2 display mode, press the "▲" button to turn the alarm on or off.

▶ The alarm 1 or alarm 2 turn on, the "⏱" or "⏱"icon is displayed, the alarm 1 or alarm 2 function is open, The repeat of alarm icon at the same time is also displayed.

▶ The alarm 1 or alarm 2 turn off, the"⏱" or "⏱"icon disappears, the alarm 1 or alarm 2 function is close.

*F.Y.I.:*

▸ The alarm will sound for 2 minutes if you do not deactivate it by pressing any button. In this case the alarm will be repeated automatically after 24 hours.

▸ Rising alarm sound (crescendo, duration: 2 minutes) changes the volume 4 times whilst the alarm signal is heard.

## Switching off the alarm signal

▸ The alarm sound when the trigger, press any buttons except the "☼/z<sup>z</sup>" button or press and hold the "☼/z<sup>z</sup>" button for more than 2 seconds to stop the alarm signal.

## Snooze function:

▸ When the time is up to the alarm, press the "☼/z<sup>z</sup>" button, the alarm signal stops, and enter the SNOOZE mode. After the snooze time is counted, the alarm will ring again.

▸ In snooze mode, press any buttons except the "☼/z<sup>z</sup>" button or touch the "☼/z<sup>z</sup>" icon position and hold for more than 2 seconds to exit the snooze mode.

*F.Y.I.:*

When the snooze function is set to OFF, when the time is up to the alarm, touch the "☼/z<sup>z</sup>" icon position does not have this snooze function.

## Moon phases and tide indicator:

▸ The Moon icon and tide indicator of the Weather Station will also display 12 different Moon phase and 3 kinds of tide phases according to the set calendar.

| New moon | Waxing half-moon | Half-moon | Waxing full moon | Full moon | Waning full moon | Half-moon | Waning half-moon |
|---|---|---|---|---|---|---|---|

## Manually select or setting city of your location

▸ Press the "▥" button once to enter the city selection mode, in the city selection mode, use the "▲" and "▼" buttons to select the correct city according to the three-character code of the city corresponding to the table below

| No. | country | city | code | No. | country | city | code |
|---|---|---|---|---|---|---|---|
| 1 | Germany(DE) | Berlin | BER | 126 | | Cordoba | COR |
| 2 | | Bremen | BRE | 127 | | Eivissa Ibiza | IBZ |
| 3 | | Köln | KOE | 128 | | La Coruña | LCO |

| | | | | | | |
|---|---|---|---|---|---|---|
| 4 | | Dortmund | DOR | 129 | | Las Palmas | LPA |
| 5 | | Dresden | DRE | 130 | | Leon | LEO |
| 6 | | Düsseldorf | DUS | 131 | | Madrid | MAD |
| 7 | | Erfurt | ERF | 132 | | Malaga | MAL |
| 8 | | Frankfurt | FRA | 133 | | Palma de Mallorca | PDM |
| 9 | | Freiburg | FRE | 134 | | Salamanca | SAL |
| 10 | | Hamburg | HAM | 135 | | Sevilla | SEV |
| 11 | | Hannover | HAN | 136 | | Valencia | VAL |
| 12 | | Hof | HOF | 137 | | Zaragoza | ZAR |
| 13 | | Kaiserslautern | KAI | 138 | Sweden(SE) | Gothenburg | GOT |
| 14 | | Kassel | KAS | 139 | | Karlstad | KAR |
| 15 | | Kiel | KIE | 140 | | Stockholm | STO |
| 16 | | Leipzig | LEI | 141 | Switzerland (CH) | Basel | BAS |
| 17 | | Magdeburg | MAG | 142 | | Berne | BNE |
| 18 | | München | MUN | 143 | | Chur | CHU |
| 19 | | Nürnberg | NUR | 144 | | Geneva | GNV |
| 20 | | Osnabrück | OSN | 145 | | Lucerne | LUC |
| 21 | | Passau | PAS | 146 | | Lugano | LUG |
| 22 | | Regensburg | REG | 147 | | Sion | SIO |
| 23 | | Rostock | ROS | 148 | | St. Gallen | SGL |
| 24 | | Saarbrücken | SAA | 149 | | Zurich | ZUR |
| 25 | | Stuttgart | STU | 150 | United Kingdom(GB) | Aberdeen | ABD |
| 26 | | Ulm | ULM | 151 | | Belfast | BEL |
| 27 | | Würzburg | WUR | 152 | | Birmingham | BIR |
| 28 | Austria(AT) | Bregenz | BRZ | 153 | | Cardiff | CAR |
| 29 | | Graz | GRZ | 154 | | Glasgow | GLW |
| 30 | | Innsbruck | INN | 155 | | London | LON |
| 31 | | Linz | LNZ | 156 | | Manchester | MAN |
| 32 | | Salzburg | SLZ | 157 | | Newcastle upon Tyne | NEC |
| 33 | | Vienna | WIE | 158 | | Plymouth | PLY |
| 34 | | Villach | VIL | 159 | Lithuania ( LT ) | Vilnius | VNO |
| 35 | | Wels | WEL | 160 | Bulgaria ( BG ) | Sofia | SOF |
| 36 | Belgium(BE) | Antwerp | ANT | 161 | Romania ( RO ) | Bucharest | BUH |
| 37 | | Bruges | BRG | 162 | Cyprus ( CY ) | Nicosia | NIC |
| 38 | | Brussels | BRU | 163 | Northen Ireland( NI ) | Belfast | BFS |
| 39 | | Libramont | LIB | 164 | United States(US) | Washington DC | WDC |
| 40 | | Liege | LIE | 165 | | New York | NYC |
| 41 | Bosnia &Herzegovi | Sarajevo | SAR | 166 | | Los Angeles | LAS |

| | | | | | | |
|---|---|---|---|---|---|---|
| | na(BA) | | | | | |
| 42 | Croatia(HR) | Split | SPL | 167 | Chicago | CHI |
| 43 | | Zagreb | ZAG | 168 | Houston | HOU |
| 44 | Czech(CZ) | Brno | BRN | 169 | Phoenix | PHO |
| 45 | | Prague | PRG | 170 | San Antonio | SAO |
| 46 | Denmark(DK) | Aalborg | ALB | 171 | San Diego | SDO |
| 47 | | Copenhagen | KOB | 172 | Dallas | DAL |
| 48 | | Odense | ODE | 173 | San Francisco | SFO |
| 49 | Finland(FI) | Helsinki | HEL | 174 | Philadelphia | PHL |
| 50 | France(FR) | Ajaccio | AJA | 175 | Charlotte | CHA |
| 51 | | Biarritz | BIA | 176 | Seattle | SEA |
| 52 | | Bordeaux | BOR | 177 | Denver | DEN |
| 53 | | Brest | BRT | 178 | Boston | BOS |
| 54 | | Cherbourg-Octeville | CHE | 179 | Detroit | DET |
| 55 | | Clermont-Ferrand | CMF | 180 | Nashville | NAS |
| 56 | | Dijon | DIJ | 181 | Memphis | MEM |
| 57 | | Lille | LIL | 182 | Portland | PTL |
| 58 | | Lyon | LYO | 183 | Oklahoma city | OKC |
| 59 | | Marseille | MRS | 184 | Las Vegas | LVG |
| 60 | | Metz | MET | 185 | Milwaukee | MWK |
| 61 | | Nantes | NAN | 186 | Kansas City | KAN |
| 62 | | Nice | NCE | 187 | Atlanta | ATL |
| 63 | | Orleans | ORL | 188 | Miami | MIA |
| 64 | | Paris | PAR | 189 | Virginia beach | VAB |
| 65 | | Perpignan | PER | 190 | Oakland | OAK |
| 66 | | Rouen | ROU | 191 | Minneapolis | MIN |
| 67 | | Strasbourg | STR | 192 | New Orleans | NOL |
| 68 | | Toulouse | TOU | 193 | Cleveland | CLE |
| 69 | Greece(GR) | Athens | AHN | 194 | Tampa | TAM |
| 70 | Hungary(HU) | Budapest | BUD | 195 | Honolulu | HON |
| 71 | Ireland(IE) | Dublin | DUB | 196 | St.Louis | SLS |
| 72 | Italy (IT) | Ancona | ANC | 197 | Pittsburgh | PIT |
| 73 | | Bari | BAR | 198 | Cincinnati | CIN |
| 74 | | Bolzano | BOZ | 199 | Lincoln | LIN |
| 75 | | Cagliari | CAG | 200 | Orlando | ORD |
| 76 | | Florence | FIR | 201 | Buffalo | BUF |
| 77 | | Foggia | FOG | 202 | Richmond | RMD |
| 78 | | Genoa | GEN | 203 | Columbia | COL |
| 79 | | Lecce | LEC | 204 | Little Rock | LRC |
| 80 | | Messina | MES | 205 | Columbus | CLS |
| 81 | | Milan | MIL | 206 | Grand Rapids | GRS |

| | | | | | | |
|---|---|---|---|---|---|---|
| 82 | | Naples | NAP | 207 | | Salt Lake City | SLC |
| 83 | | Palermo | PAL | 208 | | Providence | PVD |
| 84 | | Parma | PRM | 209 | | Manchester(NH) | MNH |
| 85 | | Perugia | PEG | 210 | | San Diego | SDG |
| 86 | | Rome | ROM | 211 | | Santa Fe | SFE |
| 87 | | San Remo | SRE | 212 | | Bismarck | BIS |
| 88 | | Triest | TRI | 213 | | Reno | REN |
| 89 | | Turin | TUR | 214 | | New Haven | NHV |
| 90 | | Venice | VEN | 215 | | Baltimore | BAL |
| 91 | | Verona | VER | 216 | | South Carolina (SC) | SCR |
| 92 | Liechtenstein(LI) | Vaduz | VDZ | 217 | | Savannah | SAV |
| 93 | Luxemburg (LU) | Luxembourg | LUX | 218 | Canada(CA) | Ottawa | OTT |
| 94 | Monaco(MC) | Monte Carlo | MCM | 219 | | Quebec City | QUC |
| 95 | Netherlands(NL) | Amsterdam | AMS | 220 | | Edmonton | EDM |
| 96 | | Arnhem | ARN | 221 | | Calgary | CLY |
| 97 | | Eindhoven | EIN | 222 | | Vancouver | VAN |
| 98 | | Groningen | GRO | 223 | | Montreal | MON |
| 99 | | Rotterdam | ROT | 224 | | Toronto | TOR |
| 100 | | The Hague | DHA | 225 | Mexican | Mexico City | MEX |
| 101 | Norway(NO) | Bergen | BGN | 226 | Panama | Panama City | PAN |
| 102 | | Lillehammer | LLH | 227 | Brazil(BR) | Brasília | BRA |
| 103 | | Oslo | OSL | 228 | | Belo Horizonte | BHZ |
| 104 | Poland(PL) | Cracow | KRA | 229 | | Recife | REC |
| 105 | | Gdansk | GDA | 230 | | Rio de Janeiro | RIO |
| 106 | | Poznan | POZ | 231 | | São Paulo | SPA |
| 107 | | Warsaw | WAR | 232 | | Salvador | SLV |
| 108 | Portugal(PT) | Faro | FAR | 233 | Argentina | Buenos Aires | BUE |
| 109 | | Lisbon | LIS | 234 | | Cordoba | CDB |
| 110 | | Porto | POR | 235 | | La Plata | LPL |
| 111 | Russian Federation(RU) | St. Petersburg | PET | 236 | | Mardel Plata | MAR |
| 112 | | Moscow | MOS | 237 | | Mendoza | MEN |
| 113 | | Novosibirsk | NOV | 238 | | Rosario | ROO |
| 114 | | Kazan | KAZ | 239 | Chile | Santiago de Chile | SAN |
| 115 | | Volgograd | VOL | 240 | Colombia | Bogotá | BOG |
| 116 | | Yekaterinburg | YEK | 241 | Australia(AU) and New Zealand(NZ) | Canberra | CBR |
| 117 | Serbia(RS) | Belgrade | BEO | 242 | | Melbourne | MEL |
| 118 | Slovakia(SK) | Bratislava | BRV | 243 | | Sydney | SYD |

| 119 | | Kosice | KOS | 244 | | Wellington | WLG |
|-----|--------------|-----------|-----|-----|---|--------------|-----|
| 120 | Slovenia(SI) | Ljubliana | LUB | 245 | | Adelaide | ADE |
| 121 | Spain(ES) | Alicante | ALI | 246 | | Brisbane | BRI |
| 122 | | Andorra | AND | 247 | | Darwin | DRW |
| 123 | | Badajoz | BAD | 248 | | Hobart | HBA |
| 124 | | Barcelona | BRC | 249 | | Perth | PEH |
| 125 | | Bilbao | BIL | 250 | | Auckland | AKL |
| | | | | 251 | | Christchurch | CHC |

▸ When selecting a city, you can press and hold the "▲" and "▼" buttons to quickly select, and you can quickly jump to the correct city according to the serial number in the table and the corresponding displayed value

▸ After selecting the city, press the "🏙" button to exit the selection mode and return to the normal mode

▸ When your location is not in a city in the table, you can press and hold the "🏙" **button** more than 2 seconds to enter the city custom setting mode. Before entering this setting, you need to check the time zone, longitude and latitude of your city. Easy to use when setting up. First set the code of the city, there are a total of 3 codes, you can choose any combination of 26 letters, first set the first code, use the "▲" and "▼" buttons to set the first code

▸ Press "🏙" button to confirm your setting, switch to the second code setting. Use the "▲" and "▼" buttons to set the second code.

▸ Press "🏙" button to confirm your setting, switch to the third code setting. Use the "▲" and "▼" buttons to set the second code.

▸ Press "🏙" button to confirm your setting, switch to the time zone setting of the city. Use the "▲" and "▼" buttons to set the correct time zone.

▸ Press "🏙" button to confirm your setting, switch to the longitude setting of the city. Use the "▲" and "▼" buttons to set the correct longitude.

▸ Press "🏙" button to confirm your setting, switch to the latitude setting of the city. Use the "▲" and "▼" buttons to set the correct latitude.

▸ Press "🏙" button to confirm your setting and to end the setting procedure.

▸ During the time setting process, double-click the "☼/z^z" touch area to exit the setting mode directly.

▸ After selecting a city or setting a custom city, the sunrise time and sunset time are automatically calculated according to the location, time zone and current time of the selected city, and displayed in the corresponding area

***F.Y.I.:***

▸ If you set the longitude and latitude of your own city, the GTM time zone must be set to the corresponding time zone according to the daylight saving time of the local city. For example, if you do not enter the Daylight Saving Time -5, enter the daylight saving time -4.

## Temperature & Humidity detection:

▸ Indoor temperature measuring range: -9.9°C (+14°F) ~ +50°C (+122°F), **LL.L** °C(°F) will displayed if value lower than -9.9°C (+14°F), **HH.H** °C(°F) will displayed if value higher than +50°C (+122°F).

▶ Outdoor temperature measuring range: 40°C (-40°F) ~ +70°C (+158°F), **LL.L** °C(°F) will displayed if value lower than -40°C (-40°F), **HH.H** °C(°F) will displayed if value higher than +70°C (+158°F).

▶ Indoor and outdoor humidity measuring range: 20%RH ~ 95%RH, **19%RH** will displayed if value lower than 20%RH, **96%RH** will displayed if value higher than 95%RH.

## Wireless sensor transmission:

▶ When the Weather Station successfully receives signals from the Wireless Sensor, the temperature and humidity of the outdoor are displayed on the "**OUTDOOR**" column of the weather station.

▶ The Weather station can connect up to 3 channel wireless sensor registration, the use of multiple wireless sensor, the wireless sensor channel cannot choose the same channel at the same time (a total of 1, 2, 3 channel can choose)

▶ Press the "🌀" button can switch the display of different channels of outdoor temperature and humidity, when displaying the symbol "🔃", will display the channel every 5 seconds automatically switch a channel

▶ If the Weather Station failed to receive transmission from outdoor sensor ("**--**" display on the LCD), press and hold "🌀" button for 3 seconds to receive transmission manually. the "**OUTDOOR**" will show an animation of the RF antenna symbol , the Weather Station will re receive the wireless signal of the outdoor sensor.

*F.Y.I.:*

▶ *when the wireless sensor set up different channels, the* weather *station "OUTDOOE" also want to switch to the same channel. When there is no wireless sensor signal transmission on the channel, "--" will be displayed in the channel of the* weather station

## Displaying temperature/humidity and temperature/humidity trend

▶ The current indoor temperature/humidity and the temperature/humidity trend (indoors) are shown in the LCD display.

▶ After successfully connecting with the remote sensor, the weather station can display the remote temperature/humidity and the temperature/humidity trend (remote)

▶ You may see the following displays:

　　　　🔼: The temperature/humidity is rising.

　　　　🔽: The temperature/humidity is falling.

　　　　▪: The temperature/humidity is remaining constant.

## Maximum/Minimum Temperature/Relative Humidity

▶ To toggle indoor/outdoor maximum, minimum temperature and humidity data, press the "▼" button:

　　Once to show the maximum temperature and humidity values.

Twice to sow the minimum temperature and humidity values

Three times to return to the current temperature and humidity levels

▸ To reset the maximum and minimum temperature and humidity, press and hold down the "▼" button about 2 seconds. This will reset all minimum and maximum data recorded to the current displayed values.

*F.Y.I.:*

▸ *If the temperature reading is below* ranges*, the **LL.L** will be displayed. If the temperature reading is above* ranges*, the **HH.H** will be displayed.*

▸ *If the humidity reading is below* ranges*, the **20%RH** will be displayed. If the humidity reading is above* ranges*, the **95%RH** will be displayed.*

## Outdoor Temperature alert setting

▸ Press and hold down the "🌡" button for more than 2 seconds to enter the outdoor temperature alert setting, the first is the upper limit alert setting of the outdoor temperature. Use the "▲" and "▼" buttons to set the upper limit alert value

▸ Press "🌡" to confirm your setting, switch to the lower limit alert value of outdoor temperature. Use the "▲" and "▼" buttons to set the upper limit alert value

▸ Press "🌡" to confirm your setting and to end the setting procedure.

▸ When setting the upper and lower limit alerts for outdoor temperature, press the "⟳" button to switch the alert settings for setting the upper and lower outdoor temperature limits of different channels.

▸ During the time setting process, double-click the "☼/z^z" touch area to exit the setting mode directly.

*F.Y.I.:*
▸ After 20 seconds without pressing any button, the clock switches automatically from Set Mode to Normal Time Mode.

## Temperature alert

▸ Press the "🌡" button to turn on or off the temperature alert function. After the temperature alert is turned on, the alarm icon "🔔" will be displayed in the ALERTS box, indicating that the temperature alarm has been turned on

▸ The outdoor temperature alert is independent for each channel, you need to set the corresponding channel, you need to press the "⟳" button to convert to the channel number to be displayed, and then press the "🌡" button to turn on or off the temperature alert

▸ When the temperature exceeds the set temperature range, an alarm will be activated and the weather station will emit three beeps continuously. At the same time, the temperature alarm in the alarm icon "🔔" flashes, and its temperature value and the alarm upper limit icon "▲" or the lower limit icon "▼" also flash. In addition, every time the temperature

alarm is triggered after the temperature is updated, the weather station will issue a BI sound prompt
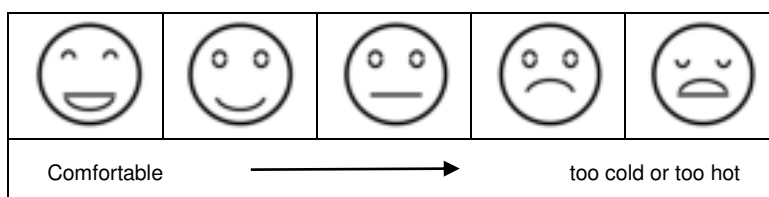
▸ In this alert mode, press any button to stop the alarm sound, and the warning is still displayed.

## Temperature frost warning

▸ When the temperature of outdoor sensor is –1°C (+30°F) to + 3°C (+ 37°F), the frost alarm will be activated, the frost

alert icon "⬤ice" flashing.

## Comfort and mildew risk instructions

▸ Indoor comfort level is calculated according to the indoor temperature and humidity, a total of 5 levels.



Comfortable ⟶ too cold or too hot

▸ The moldy risk display reads the indoor humidity to determine moldy risk level. The weather station will display one of

4 indicators: HI (high) ME (medium) LO (low) and no risk (no arrow displayed).

## Low battery:

▸ If the "INDOOR" column is display the battery icon "🔋", you need to replace the weather station's battery as soon

as possible,

▸ If the "OUTDOOR" column is to display the battery icon "🔋", you need to replace the wireless sensor battery of

your channel as soon as possible based on the channel display.

## The atmospheric pressure detection:

## The weather forecast:

▸ The weather station calculates a weather forecast for about the next 12 hours based on the barometric pressure trend.

Of course this forecast can't compare to that of professional weather services supported by satellites and high

performance computers, It provides only an approximate indication of the current weather development in a small

local area. Please take the weather forecast from your local weather forecasting service into account as well as the

forecast from your weather station. If there are discrepancies between the information from your device and from the

local weather forecasting service, please take the advice of the latter as authoritative.

▶ The weather station displays the following weather icon:

| | | | | | |
|---|---|---|---|---|---|
| sunny | slightly   cloudy | cloudy | rainy | stormy | Snowy |

***F.Y.I.:***

▶ The Snowy icon will only appear if the outdoor temperature is below -4℃ (+25℉) and the forecast would be rainy or

stormy, By default, according to the temperature of CH1, when there is no signal in CH1, it is calculated according to

the temperature of CH2. When there is no signal in CH1 and CH2, it is calculated according to the temperature of CH3.

▶ After the weather station needs 7-10 days of air pressure calibration, the weather forecast will tend to be stable with

an accuracy rate of 70%-75%.

▶ The forecast can be given for a radius of up to 12-20km.

▶ The weather station can display the barometric pressure trend.

▶ You may see the following displays:

 : The barometric pressure will rise.

: The barometric pressure will remain constant.

: The barometric pressure will fall.

## Background lighting

▶ If the product is powered by batteries, touch the " ☼ / Z^Z " field. Backlight lit 15 seconds.

 ▶ When the power supply of the product is inserted into the power supply adapter, the battery will automatically

   disconnect the power supply, and the backlight will always be bright. Touch the " ● " button to adjust the brightness

   of the backlight, you can adjust the 5 state: 4 different brightness backlight and close the backlight. When the

   backlight brightness is not at the maximum brightness, touch the " ☼ / Z^Z " field. Backlight turns to highest brightness

   of 15 seconds.

 ▶ The weather station can also set the backlight to automatically dim at night. Touch and hold the " ☼ / Z^Z " field for

   more than 2 seconds, the icon " ☀ " is displayed on the LCD display, The brightness of the backlight will vary

according to the brightness of the ambient light. The darker the ambient light, the darker the brightness of the backlight.

▸ In backlight auto mode, the backlight can be switched to the highest brightness for 15 seconds by touching the "☼ / z^z" field.

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.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction