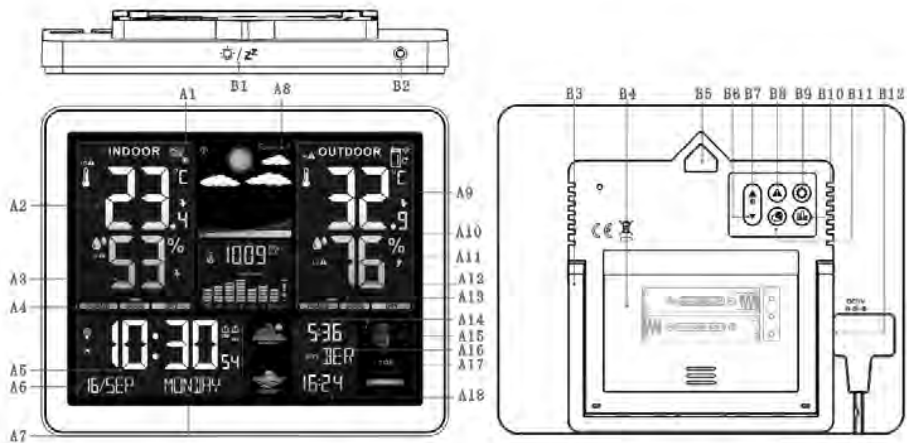


- ▶ Perpetual Calendar Up to Year 2099
  - ▶ Days of week in 8 languages user selectable: English, German, Italian, French, Spanish, Netherlands, Polski and Danish
  - ▶ Time in 12-hour or 24-hour format.
  - ▶ Two daily alarms
  - ▶ Automatic snooze function (OFF or 5~60min)
  - ▶ Sunrise and sunset 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) to 70°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
  - ▶ Indoor temperature upper and lower limit alert
  - ▶ Indoor humidity upper and lower limit alert
  - ▶ Outdoor temperature upper and lower limit alert and frost warning
  - ▶ Outdoor humidity upper and lower limit alert
  - ▶ 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 LR03 AAA  
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: Mold Risk of Indoor
- A3: Indoor Humidity
- A5: Time
- A7: WEEK
- A9: Outdoor Temperature
- A11: Outdoor Humidity
- A13: Outdoor comfort indicator
- A15: Moon phase
- A17: Tide level


- A2: Indoor Temperature
- A4: Indoor comfort indicator
- A6: Month and date
- A8: Weather forecast
- A10: Atmospheric pressure
- A12: Histogram of historical pressure trends
- A14: Sunrise time
- A16: Selected city
- A18: Sunset time


 : **Outdoor wireless channel and receiving icon**


**MIN** : Temperature or Humidity Minimum Recording Symbol

**HI**  : High temperature or humidity alarm symbol

 : Radio Control Time Reception Symbol


 : low battery sign


 : Temperature or humidity rising trend symbol

**LO**  : Low temperature or humidity alarm symbol

**DST** : daylight saving time sign

**MAX** : Temperature or humidity maximum record symbol

 : Temperature or humidity falling trend symbol


**ice**  : frost warning symbol


 : Backlit Light sensing mode


 : alarm 1 icon

 : alarm 2 icon

mode sign

 : snooze sign

 : alarm repeat monday to friday sign

 : alarm repeat saturday and sunday sign

## Part B – Back button and power

B1:  /  touch field

B3: Support frame

B5: Hanging hole

B7:  button

B9:  button

B11:  button

B2: Photosensitive sensor

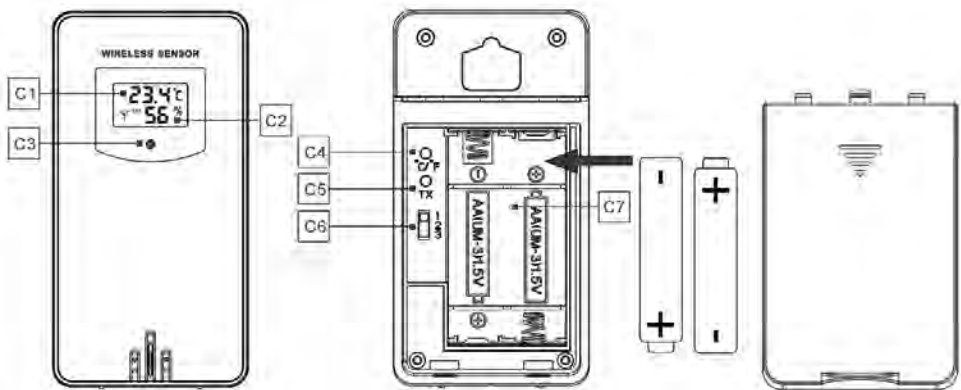
B4: Battery compartment

B6:  button

B8:  button

B10:  button

B12: Power supply socket



## 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 B12 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 AAA 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 "CH" button on the right side 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 temperature of the unit, 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 radio controlled clock(RCC) function setting, Now use "▲/🌞" and "▼" buttons set the RCC receive function to activate(ON) or close(OFF)
- ▶ 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 time zone setting, Now use "▲/🌞" and "▼" buttons set a correct time zone (-2 to +2).
- ▶ 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 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 " / ZZ" 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 8 languages of days of week: English, Deutsch, Français, Italian, Español, Nederlands and Dansk.

#### Week language display

Language	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
English	SUNDAY	MONDAY	TUESDAY	WENESDAY	THURSDAY	FRIDAY	SATURDAY
Deutsch	SONNTAG	MONTAG	DIENSTAG	MITTWOCH	DONNERSTAG	FREITAG	SAMSTAG

- ▶ There are 8 languages of Weekday: English, Deutsch, Français, Italian, Español, Nederlands , Dansk and Polski .

#### Week language display

Language	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
ENGLISH	SUNDAY	MONDAY	TUESDAY	WENESDAY	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	MONDAG	TIRSDAG	ONSDAG	TORSdag	FREDAG	LORDAG
POLSKI	NIEDZIELA	PONIEDZI	WTOREK	SRODA	CZWARTEK	PIATEK	SOBOTA

#### 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	JUN	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

# RB3569



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
Polski	STY	LUT	MAR	KWI	MAJ	CZE	LIP	SIE	WRZ	PRZ	LIS	GRU

- ▶ 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
- ▶ When the weather station is in the same area as Germany, the time zone is set to 00, one hour slower than German time, the time zone is set to -01, one hour faster than German time, the time zone is set to 01, 2 hours faster than German time, time zone Set to 02,
- ▶ Exceeding the German signal tower diameter of 1500KM or more, the signal received by the radio clock signal is very poor. It is recommended to set the RCC to OFF.
- ▶ 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 “⚙️” button once to check the alarm time and then 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 2 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 2 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  / **ZZ** 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 time display or 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  / **ZZ** button or press and hold the  / **ZZ** button for more than 2 seconds to stop the alarm signal.

## **Snooze function:**

- ▶ When the time is up to the alarm, press the  / **ZZ** 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  / **ZZ** button or touch the  / **ZZ** 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  / **ZZ** 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.



## 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

# RB3569

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 &Herzegovina(BA )	Sarajevo	SAR	166		Los Angeles	LAS
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



# RB3569

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

# RB3569

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 " / **ZZ**" 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

## Temperature & Humidity detection:

- ▶ Indoor temperature measuring range: -9.9°C (+14°F) ~ +50°C (+122°F), **LL.L** °C(°F) will be displayed if value lower than -9.9°C (+14°F), **HH.H** °C(°F) will be displayed if value higher than +50°C (+122°F).
- ▶ Outdoor temperature measuring range: -50°C (-58°F) ~ +70°C (+158°F), **LL.L** °C(°F) will be displayed if value lower than -50°C (-58°F), **HH.H** °C(°F) will be displayed if value higher than +70°C (+158°F).
- ▶ Indoor and outdoor humidity measuring range: 20%RH ~ 95%RH, **20%RH** will be displayed if value lower than 20%RH, **95%RH** will be 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 receive the wireless signal of the outdoor sensor.

### F.Y.I.:

- ▶ when the wireless sensor set up different channels, the weather station "OUTDOOR" 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 show 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 indoor temperature alert setting, the first is the upper limit alert setting of the indoor 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 indoor temperature. Use the “▲/☀” and “▼” buttons to set the lower limit alert value
- ▶ Press “▲” to confirm your setting, switch to the upper limit alert value of indoor humidity. Use the “▲/☀” and “▼” buttons to set the upper limit alert value
- ▶ Press “▲” to confirm your setting, switch to the lower limit alert value of indoor humidity. Use the “▲/☀” and “▼” buttons to set the lower limit alert value
- ▶ Press “▲” to confirm your setting, switch to the upper limit alert value of 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 lower limit alert value
- ▶ Press “▲” to confirm your setting, switch to the upper limit alert value of outdoor humidity. 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 humidity. Use the “▲/☀” and “▼” buttons to set the lower 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 and outdoor humidity, 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 “☀/ZZ” 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 and humidity alert**

- ▶ Press the “▲” button and then Press the “▲/☀” button to turn on or off the temperature alert function. After the temperature alert is turned on, the alarm icon “Hi▲” or “Lo▲” will be displayed, indicating that the temperature alarm has been turned on

- ▶ Press " " to confirm your setting and to turn on or off the humidity alert function. After the humidity alert is turned on, the alarm icon " " or " " will be displayed, indicating that the humidity alarm has been turned on
- ▶ The outdoor temperature alert the outdoor humidity 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 and the humidity alert
- ▶ When the temperature exceeds the set temperature range, an alarm will be activated and the weather station will emit two beeps continuously for 1 minutes. At the same time, the temperature alarm in the alarm icon " " or " " 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 five minutes intervals, 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  $-1^{\circ}\text{C}$  ( $+30.2^{\circ}\text{F}$ ) to  $+2.9^{\circ}\text{C}$  ( $+37.3^{\circ}\text{F}$ ), the frost alarm will be activated, the frost alert icon " " flashing.



## Comfort and mildew risk instructions

- ▶ Indoor comfort level is calculated according to the humidity, a total of 5 levels.

comfort	Humid	Good	Dry	Humid	Good	Dry	Humid	Good	Dry	Humid	Good	Dry	Humid	Good	Dry
	TO DRY			DRY			COMFORT			WET			TO WET		
Humidity range	<35%			35%~44%			45%~65%			66%~80%			>80%		

- ▶ 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.

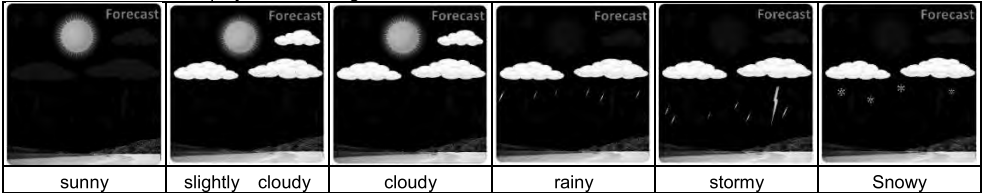
## The atmospheric pressure detection:

### 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:



**F.Y.I.:**

- ▶ The Snowy icon will only appear if the outdoor temperature is below  $-4^{\circ}\text{C}$  ( $+25^{\circ}\text{F}$ ) 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.

No display: The barometric pressure will remain constant.

↓ : The barometric pressure will fall.

## Reception of the Radio signal:

▶ At 1:00 / 2:00 / 3:00, the clock automatically carries out the synchronization procedure with the **DCF** signal to correct any deviations to the exact time. If this synchronization attempt is unsuccessful (the radio mast icon disappears from the display), the system will automatically attempt another synchronization at the next full one hour. This procedure is repeated automatically up to total 5 times.

▶ To start manual **DCF** signal reception, press and hold down the "▲/☀️" button for two seconds. If no signals received within 7 minutes, then the **DCF** signal search stops (the radio mast icon disappears) and start again at the next full one hour.

▶ During DCF radio signal reception, to stop searching radio signal, press and hold down the "▲/☀️" button for two seconds.

**F.Y.I.:**

- ▶ A flashing radio mast icon indicates that the **DCF** signal reception has started
- ▶ A continuously displayed radio mast icon indicates that the **DCF** signal was received successfully
- ▶ The symbol "**DST**" indicating the time of receipt for daylight saving time.
- ▶ We recommend a minimum distance of 2.5 meters to all sources of interference, such as televisions or computer monitors
- ▶ Radio reception is weaker in rooms with concrete walls (e.g.: in cellars) and in offices. In such extreme circumstances,

place the system close to the window.

- ▶ During the DCF radio reception mode, only the “▲/☀️” and “☀️/ZZ” button have function, “☀️/ZZ” button operations can only turn on the backlight. If you want to perform other operation functions, press the “▲/☀️” button to exit the DCF radio reception mode.
- ▶ Note that when you enter the radio control time receiving mode, the backlight will automatically turn off. This is a normal phenomenon. After the radio control time receiving reception, the backlight will be automatically lit.

## Background lighting

- ▶ If the product is powered by batteries, touch the “☀️/ZZ” 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 “☀️/ZZ” 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 “☀️/ZZ” 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 “☀️/ZZ” field.

### F.Y.I.:

- ▶ During the reception of the time radio wave signal, the backlight will be automatically closed to prevent the interference of the radio wave.



Supplier: Jasněna Vláhová s.r.o.

Přibyslav 77, 549 01 Nové Město nad Metují

Czech Republic

### SIMPLIFIED EU DECLARATION OF CONFORMITY

Jasněna Vláhová s.r.o. hereby declares that this device is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following website:

[www.vlahova.cz](http://www.vlahova.cz)

## Merkmale:

- ▶ DCF Funksteuerungszeitfunktion