



Features:

- ▶ DCF Radio control time function
- ▶ Perpetual Calendar Up to Year 2099
- ▶ Day of week in 15 languages user selectable: English, German, French, Spanish, Italian, Dutch, Danish, Portuguese, Norwegian, Swedish, Polish, Finnish, Czech, Hungarian, and Russian
- ▶ Time in optional 12/24 hour format.
- ▶ Daily Alarm Function
- ▶ Automatic snooze function
- ▶ Barometric pressure:
 - Barometric pressure measurement ranges: 600 hPa/mb ~ 1100 hPa/mb & 17.72 inHg ~ 32.50 inHg
 - Pressure alternatively in hPa/mb or inHg
- ▶ Humidity: Indoor & OUT measurable range: 20%RH ~ 95%RH
- ▶ Temperature:
 - Indoor temperature measurement ranges: -9.9°C (13.9°F) ~ 50°C (122°F)
 - OUT temperature measurement ranges: -40°C (-44°F) ~ 70°C (158°F)
 - Temperature alternatively in °C or °F.
 - OUT thermometer and frost alert
- ▶ Minimum/maximum display for air humidity and temperature
- ▶ Wireless OUT Sensor:
 - Wall Mount or Table Stand
 - One Wireless Thermo Sensor Included
 - 433.92MHz RF transmitting frequency
 - 60 meter transmission range in an open area
- ▶ The weather forecasting function
- ▶ Power Supply:
 - Weather Station:
 - Battery: 2 x LR6 AA
 - Wireless Remote Sensor:
 - Battery: 2 x LR3 AAA

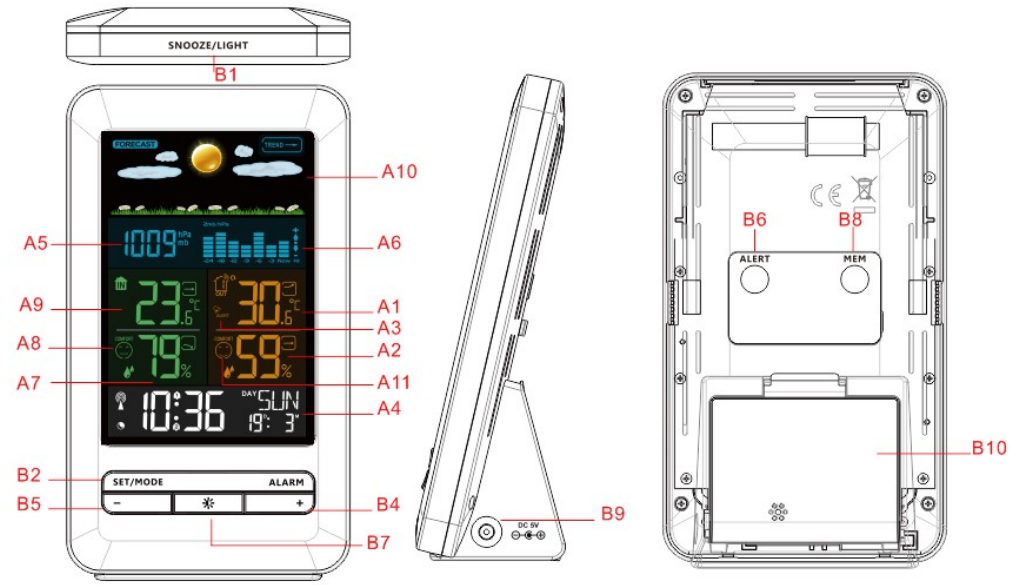
F.Y.I.:

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**

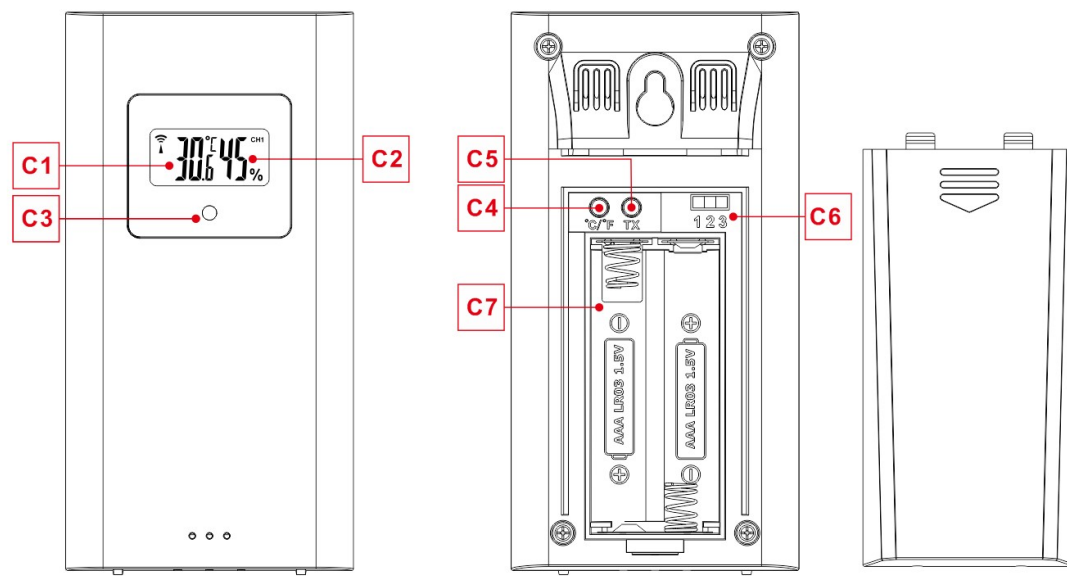


Part A-Positive LCD

- A1: OUT Temperature
- A2: OUT Humidity
- A3: OUT Temperature Alert
- A4: Time/Calendar or Alarm time/ Day
- A5: Barometric pressure
- A6: Histogram shows the trend of 24 hours of atmospheric pressure
- A7: Indoor Humidity
- A8: Indoor comfort
- A9: Indoor Temperature
- A10: Weather Forecasting
- A11: Outdoor comfort

Part B – Back button and power

- B1: “ SNOOZE/LIGHT ” touch field
- B2: “ SET/MODE ” button
- B3: “ ALARM ” button
- B4: “ + ” button
- B5: “ - ” button
- B6: “ ALERT ” button
- B7: “ * ” button
- B8: “ MEM ” button
- B9: Power adapter
- B10: Battery compartment



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:

- ▶ Open Weather Station battery compartment cover
- ▶ Insert 2 x AA batteries observing polarity [“+” and “ –” marks]
- ▶ When you insert the batteries, all the icon on the LCD display will briefly light up for 3 seconds, and you will hear a beep tone, and detect indoor temperature & humidity.
- ▶ Then insert 2 x AAA batteries in the outdoor sensor observing polarity [“+” and “ –” marks]. Be sure the switch button is on channel 1.
- ▶ The Weather Station will now start to make a connection to the OUT sensor. This operation takes about 3 minutes and is displayed by a flashing reception RF antenna symbol in the “OUT” display area on the receiver.
- ▶ After receiver has created a connection to the OUT sensor, it will then be enters the Radio control time receive mode.

Reception of the Radio signal:

- ▶ The clock automatically starts the **DCF** signal search after 3 minutes of any restart or changing of new fresh batteries. The radio mast icon starts to flash.
- ▶ At 1:00 /2:00 / 3:00 am, 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 RC reception , to stop searching radio signal, press the “+” button once.

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
- ▶ 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.

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- ▶ During the RCC receive mode, only the "+" button function, other button operation have no function, If you want to carry out other functions of operation, please press "+" button to exit the RCC receiving mode.

Manual time setting:

- ▶ Press once " SET/MODE " button, can switch the display calendar or second
- ▶ Press and hold down the " SET/MODE " button more than 2 seconds to enter the time and general settings, first set the 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 " SET/MODE " 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 " SET/MODE " 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 " SET/MODE " to confirm your setting, the Time zones start to flash, Now use "+" and "-" buttons set a correct time zone (-12 to +12).
- ▶ Press " SET/MODE " to confirm your setting,, the 12/24 hour mode display starts to flash. Now use "+" and "-" buttons to set the correct 12/24 hour mode.
- ▶ Press " SET/MODE " to confirm your setting, the Hour display starts to flash. Now use "+" and "-" buttons to set the correct hour.
- ▶ Press " SET/MODE " to confirm your setting, the Minute displays starts to flash. Now use "+" and "-" buttons to set the correct minute.
- ▶ Press " SET/MODE " button to confirm your setting, the Month and Date icon display starts to flash. Now use "+" and "-" buttons to set the date display on Month/Date or Date/Month.
- ▶ Press " SET/MODE " button to confirm your setting, the Year display 2015 starts to flash. Now use "+" and "-" buttons to set the correct year.
- ▶ Press " SET/MODE " button to confirm your setting, the Month display starts to flash. Now use "+" and "-" buttons to set the correct month.
- ▶ Press " SET/MODE " button to confirm your setting, the Date display starts to flash. Now use "+" and "-" buttons to set the correct date.
- ▶ Press " SET/MODE " button to confirm your setting, the language selection for the Weekday displays starts to flash. Now use "+" and "-" buttons to select a language.

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Language	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
ENGLISH	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
ENG	MON	TUE	WED	THU	FRI	SAT	SUN
GERMAN	MONTAG	DIENSTAG	MITTWOCH	DONNERSTAG	FREITAG	SAMSTAG	SONNTAG
GER	MON	DIE	MIT	DON	FRE	SAM	SON
FRENCH	LUNDI	MARDI	MERCREDI	JEUDI	VENDREDI	SAMEDI	DIMANCHE
FRE	LUN	MAR	MER	JEU	VEN	SAM	DIM
ITALIAN	LUNEDI	MARTEDI	MERCOLEDI	GIOVEDI	VENERDI	SABATO	DOMENICA
ITA	LUN	MAR	MER	GIO	VEN	SAB	DOM
SPANISH	LUNES	MARTES	MIERCOLES	JUEVES	VIERNES	SABADO	DOMINGO
SPA	LUN	MAR	MIE	JUE	VIE	SAB	DOM
PORTUGUESE	SEGUNDA-FEIRA	TERÇA	QUARTA-FEIRA	QUINTA-FEIRA	SEXTA-FEIRA	SABADO	DOMINGO
POR	SEG	TER	QUA	QUI	SEX	SAB	DOM
DUTCH	MAANDAG	DINSDAG	WOENSDAG	DONDERDAG	VRIJDAG	ZATERDAG	ZONDAG
DUT	MAA	DIN	WOE	DON	VRI	ZAT	ZON
DANISH	MANDAG	TIRSDAG	ONSDAG	TORSdag	FREDAG	LØRDAG	SØNDAG
DAN	MAN	TIR	ONS	TOR	FRE	LOR	SON
NORWEGIAN	MANDAG	TIRSDAG	ONSDAG	TORSdag	FREDAG	LØRDAG	SØNDAG
NOR	MAN	TIR	ONS	TOR	FRE	LOR	SON
SWEDISH	MÅNDAG	TISDAG	ONSDAG	TORSdag	FREDAG	LÖRDAG	SÖNDAG
SWE	MAN	TIS	ONS	TOR	FRE	LOR	SON
POLISH	PONIEDZIAŁEK	WTOREK	ŚRODA	CZWARTEK	PIĄTEK	SOBOTA	NIEDZIELA
POL	PON	WTO	SRO	CZW	PIA	SOB	NIE
FINNISH	MAANANTAI	TIISTAI	KESKIVIikko	TORSTAI	PERJANTAI	LAUANTAI	SUNNUNTAI
FIN	MAN	TII	KIS	TOR	PER	LAU	SUN
CZECH	PONDĚLÍ	ÚTERÝ	STŘEDA	ČTVRTEK	PÁTEK	SOBOTA	NEDĚLE
CZE	PON	UTE	STR	CTV	PAT	SOB	NED
HUNGARIAN	HÉTFŐ	KEDD	SZERDA	CSÜTÖRTÖK	PÉNTEK	SZOMBAT	VASÁRNP
HUN	HET	KED	SZE	CSU	PEN	SZO	VAS
RUSSIAN PERIOD	ПОНЕДЕЛЬНИК	ВТОРНИК	СРЕДА	ЧЕТВЕРГ	ПЯТНИЦА	СУББОТА	ВОСКРЕСЕНЬЕ
RUS	ПОН	ВТО	СРЕ	ЧЕТ	ПЯТ	СУБ	ВОС

► Press “ **SET/MODE** ” button to confirm your setting, the weather forecast displays starts to flash. Now use “**+**” and “**-**” buttons to select a weather.

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- ▶ Press “ SET/MODE ” to confirm your setting and to end the setting procedures, enter the clock mode.

F.Y.I.:

- ▶ After 20 seconds without pressing any button, the clock switches automatically from Set Mode to Normal Time Mode.
- ▶ There are 15 languages of Weekday: English, German, French, Spanish, Italian, Dutch, Danish, Portuguese, Norwegian, Swedish, Polish, Finnish, Czech, Hungarian, and Russian



Setting the daily alarms:

- ▶ Press once “ ALARM ” button, can switch the display calendar or alarm time
- ▶ Press and hold down “ ALARM ” 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 “ ALARM ” button to confirm your setting, switch to the alarm 1 Minute setting. Use the “+” and “-” buttons to set the required minute.
- ▶ Press “ ALARM ” button to confirm your setting, switch to the alarm 1 repeat setting. Use the “+” and “-” buttons to set the alarm repeat in “M-F” (from Monday to Friday) or “S-S” (Saturday and Sunday) or “M-S” (from Monday to Sunday) .
- ▶ Press “ ALARM ” button to confirm your setting, switch to the alarm 2 hour setting. Use the “+” and “-” buttons to set the required hour.
- ▶ Press “ ALARM ” button to confirm your setting, switch to the alarm 2 minute setting. Use the “+” and “-” buttons to set the required minute.
- ▶ Press “ ALARM ” button to confirm your setting, switch to the alarm 2 repeat setting. Use the “+” and “-” buttons to set the alarm repeat in “M-F” (from Monday to Friday) or “S-S” (Saturday and Sunday) or “M-S” (from Monday to Sunday).
- ▶ Press “ ALARM ” button to confirm your setting and to end the setting procedure.

F.Y.I.:

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

The alarm for opening and closing

- ▶ View the alarm clock time mode, press “ ALARM ” button can switch the display ALARM1 time or ALARM2 time, in the alarm1 or alarm2 display mode, press the “+” button to turn individual alarms 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

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repeat of alarm icon at the same time is also displayed.

- ▶ The alarm 1 or alarm 2 turn off, the “1” or “2” 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

- ▶ Press any button except the “ SNOOZE/LIGHT ” button to stop the alarm signal. It is not necessary to reactivate the alarm. It switches itself automatically to the alarm time which has already been set.

Snooze function:




- ▶ Touch the “ SNOOZE/LIGHT ” field or press the “ SNOOZE/LIGHT ” button the alarm signal sounds to get to SNOOZE mode. The alarm signal sounds again after approx. 5 minutes.

°C/°F temperature display

- ▶ The temperature is displayed either in °C/°F. Briefly pressing the “+” button allows you to switch between the individual modes.

Comfort display

- ▶ Indoor comfort level is calculated according to the humidity, a total of 3 levels.

Smiling face show	 Comfortable	Dry 	 Wet
Humidity value	40% ~ 70%	<40%	>70%




Displaying temperature/humidity/ barometric pressure and temperature/humidity trend

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

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

► You may see the following displays:

-  The temperature/humidity is rising.
-  The temperature/humidity is remaining constant.
-  The temperature/humidity is falling.

Remote sensor transmission:

- When the Weather Station successfully receives signals from the wireless sensor, the temperature and humidity of the out sensor are displayed on the "OUT" 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 "-" key can switch the display of different channels of remote temperature and humidity. While displaying a channel, hold the "-" key to display each channel every 5 seconds automatically.
- If the weather station failed to receive transmission from remote sensor ("- -" display on the LCD), press and hold "-" button for 3 seconds to receive transmission manually. the remote temperature will show an animation of the RF antenna symbol , the Base Station will re receive the wireless signal of the **remote** sensor.

F.Y.I.:

- *when the wireless sensor set up different channels, the weather station "OUT SENSOR" 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*
- When the wireless OUT sensor has no channel selection function, the sensor defaults to channel 1.

Maximum/Minimum Temperature/Relative Humidity

- To toggle indoor/ OUT maximum, minimum temperature and humidity data, press the "MEM" 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 "MEM" button

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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.*





OUT Remote Temperature alert setting

- ▶ Press and hold down the “ALERT” button for 2 seconds until the icon for the Temperature Alert” starts to flash
- ▶ The icon of Upper limit of the Temperature alarm starts to flash. Use the “+” and “-” buttons to set the required maximum temperature. Press “ALERT” to confirm your setting.
- ▶ The icon of the Lower limit of the Temperature alarm starts to flash. Use the “+” and “-” buttons to set the required minimum temperature. Press “ALERT” button to confirm your setting and to end the setting procedure

F.Y.I.:

- ▶ Before entering the setup, you must select the remote channel, different channels can set different temperature alarm range

Temperature and frost alert

- ▶ Press “ALERT” button to activate or deactivate the remote temperature alert, When the remote temperature alarm is activated, the temperature alarm icon is displayed in the remote sensor bar
- ▶ When the remote channel temperature value exceeds the set temperature range, will activate the alarm, the weather station will every minute continuous alarm 5 times, at the same time, temperature alarm in alarm icon "  " flashes, If the alarm activates the temperature that is currently displayed on the channel, its temperature value and alarm upper limit icon "  " or lower limit icon "  " also flashes
- ▶ When the temperature of remote SENSOR is -1°C to $+3^{\circ}\text{C}$ or $+30^{\circ}\text{F}$ to $+37^{\circ}\text{F}$, the frost alarm will be activated, symbol "  " flashing.

F.Y.I.:

- ▶ When the temperature is higher than the upper limit of the alarm temperature setting, the activation of the

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upper limit alarm, symbol "HI" flashing,

► When the temperature is lower than the lower limit of the alarm temperature, the lower limit alarm is activated, and the symbol "LO" flashes






Low battery:

If the battery symbol " " appears the batteries in the OUT sensor should be replaced as soon as possible.

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, but merely provides an approximate indication of current developments. 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 symbols:

				
sunny	slightly cloudy	cloudy	rainy	Snowy

► 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 " SNOOZE/LIGHT " 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. Press the " " icon

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button to adjust the brightness of the backlight, you can adjust the 5 state: 4 different brightness backlight and close the backlight. Users can choose according to the personal preferences of different brightness backlight or turn off the backlight. Turn off backlight when you can touch the " SNOOZE/LIGHT " field to light the backlight 15 seconds.

- ▶ The weather station can also set the backlight to automatically dim at night. Press and hold the "  " button for more than 2 seconds to enter the night mode setting. First, turn the night function on or off, the night function icon " " displayed. Now use "+" and "-" buttons set the night function to activate (ON) or close (OFF).

Note: when the night function is set off, press "  " button to exit directly, omitting the settings of other items

- ▶ Press "  " button to confirm your setting, switch to the brightness setting of the backlight change after entering the night. Now use "+" and "-" buttons set the brightness required for the backlight change after entering the night
- ▶ Press "  " button to confirm your setting, switch to the hour of enter night mode setting. Now use "+" and "-" buttons set the required hour
- ▶ Press "  " button to confirm your setting, switch to the minute t of enter night mode setting. Now use "+" and "-" buttons set the required minute
- ▶ Press "  " button to confirm your setting, switch to the hour of exit night mode setting. Now use "+" and "-" buttons set the required hour
- ▶ Press "  " button to confirm your setting, switch to the minute of exit night mode setting. Now use "+" and "-" buttons set the required minute
- ▶ Press "  " button to confirm your setting and to end the setting procedure.
- ▶ When the night mode is on, the icon " " will be displayed. When the time reaches the time to enter the night mode, the backlight will automatically switch to the set night mode brightness, and when the time reaches the time to exit the night mode, the backlight will return to the original brightness.
- ▶ In night mode, the backlight can be switched to the highest brightness for 15 seconds by touching the " SNOOZE/LIGHT " 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.

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ABOUT AC/DC POWER SUPPLY

Do not use the device:

- if the power supply or the power cable is damaged,
- in the event of a malfunction,
- if the device has been damaged in any way.

Never use sharp objects to access the inside of the power supply. Do not disassemble the power supply, do not throw it into a fire. Do not attempt to disassemble or modify this product or any of its components. Do not expose the food to high temperatures or direct sunlight. Do not incinerate it. Do not install the power supply near any heat sources, such as a radiator, hot air supply, oven, or other apparatus (including amplifiers) that produce heat. Do not store this product in a place where the temperature exceeds the following range: - 10 to 70 ° C. Do not use this product in a location where the temperature exceeds the following range: 0 to 40 ° C, as this may damage it or shorten its life. Do not place the power supply near water or a source of moisture, such as a bathtub, kitchen sink, swimming pool, in a wet basement, or other damp locations. The device must not be exposed to splashes. Do not place objects filled with water, such as vases for example, near the appliance. Connect the power supply into an easily accessible DC outlet. Ensure that the power cord can not be crushed or pinched, particularly at plugs, convenience receptacles, and the point where they are connected to the apparatus. The supplied power supply is intended for indoor use only. Do not place naked flame sources (such as a lit candle) on or near the power supply. Unplug this power during lightning storms or during long periods of non-use to avoid damage. Turn off your device before disconnecting the power cable. This device is not intended for use by people (including children) whose physical, sensory or mental capabilities are reduced, or people without experience or knowledge, unless they could benefit ,by the” through a person responsible for their safety, surveillance or prior instructions concerning the use of the device. Children should be supervised to make sure that they do not play with the device. If the power supply works abnormally, and especially if it emits sounds or odors that you think are abnormal, unplug it immediately and have it examined by a qualified repairer. The socket-outlet must be installed near the equipment and must be easily accessible.

LIABILITY DISCLAIMER :

•The electrical and electronic wastes contain hazardous substances. Disposal of electronic waste in wild country and/or in unauthorized grounds strongly damages the environment.

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- Please contact your local or/and regional authorities to retrieve the addresses of legal dumping grounds with selective collection.
- All electronic instruments must from now on be recycled. User shall take an active part in the reuse, recycling and recovery of the electrical and electronic waste.
- The unrestricted disposal of electronic waste may do harm on public health and the quality of environment.
- As stated on the gift box and labeled on the product, reading the “User manual” is highly recommended for the benefit of the user. This product must however not be thrown in general rubbish collection points.
- The manufacturer and supplier cannot accept any responsibility for any incorrect readings and any consequences that occur should an inaccurate reading take place.
- This product is designed for use in the home only as indication of the temperature.
- The plug on the power adapter (if included) is intended to serve as the disconnect device, the socket-outlet shall be installed near the equipment and shall be easily accessible.
- This product is not to be used for medical purposes or for public information.
- The specifications of this product may change without prior notice.
- This product is not a toy. Keep out of the reach of children.
- No part of this manual may be reproduced without written authorization of the manufacturer.



RED DIRECTIVE 2014/53/EU

Summary of the Declaration of Conformity: We hereby declare that this wireless transmission device does comply with the essential requirements of RED Directive 2014/53/EU.

LA CROSSE TECHNOLOGY

6 A RUE DU COMMERCE

67118 GEISPOLSHEIM

FRANCE