



WEATHER STATION



SET UP GUIDE
MODEL : WS6820

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POWER UP :

1. Insert 2-AA LR6 batteries into your Thermo-Hygro Sensor.
2. Insert the 5 volt power cord into the outlet, then into your Weather Station. Optional: Insert 3-AA LR6 batteries for backup.
3. Once the sensor readings show, place it outside.

SETTINGS :

1. Hold the REG/RCC button to enter the Settings Menu.
2. Use the "+/MAX/MIN" ou "-/C/F" button to adjust and REG/RCC to confirm.

Settings Menu order:

- Beep ON | OFF
- LANGUAGE
- DCF ON | OFF
- Time Zone
- 12Hr | 24Hr Format
- Hour
- Minutes
- Year
- Month
- Date

BUTTON FUNCTIONS :

1.REG / RCC button

Press and hold for 3 seconds during normal mode to enter setting mode. Press and release during normal mode to search for RCC. Press and release during setting mode to confirm values and continue operation.

2. +/MIN/MAX

Press and release during setting mode to increase the value of setting Press and hold for 3 seconds during setting mode for fast adjustment Press during normal mode to display the indoor and outdoor max/min temperature & humidity recorded.

During max/min temperature shown, press and hold for 3 seconds to clear max/min memory.

3. -/C/F button

Press and release during setting mode to decrease the value of setting. Press and hold for 3 seconds during setting mode for fast adjustment. Press to toggle temperature unit to °C or °F in normal mode.

Celsius Display



Fahrenheit Display



4. ALARME button

Press and release the ALARME button once to show alarm time. Press and release the ALARME button again to activate or deactivate the Alarm. Press and hold for 3 seconds to enter alarm setting mode.

5. CANAL button

Press to toggle channel during normal mode, the maximum is 3 channels; If user changed from channel 1 to channel 3, press again, the "Auto" will show and the station will keep scrolling to search for channel each 10 seconds; Press again to cancel the "AUTO". If there is only one outdoor sensor, there is no sense to set channel, and no Auto function too.

Press and hold to search for the signal for another 3 minutes during normal mode. If the signal is lost, the RX will display the LAST DATA recorded for 10 minutes, after that 10 mins if the signal does not come back then display dashes "-.-". After 30 minutes, start looking for the RF signal for 3 minutes automatically. After 60 minutes, search for RF, if the signal does not come back then display dashes "-.-" again.

6. CHALEUR / ROSEE button

Press the CHALEUR/ROSEE button to have Indoor/outdoor Heat Index and Indoor/outdoor Dew Point show briefly in the outdoor-temperature & indoor-temperature display area.

7. SNOOZE / LUM. Button

Press to activate the snooze function when alarming Presses during normal mode to adjust backlight level (4,3,2,1&OFF) with level number. During setting, press this button will force exiting.

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SET MENU :

1. To Set Clock / Date etc.

Press and hold the REG / RCC button for 3 seconds to enter settings. BEEP ON/OFF: BP ON(BEEP) will show, the default is ON. Press and release the "+/MAX/MIN" or "-/C/F" button to ON or OFF while the BEEP button sound. Press and release the REG/RCC button to confirm and continue.



2. LANGUAGE:

LANGUAGE will show, the default is FRE. Press and release the "+/MAX/MIN" or "-/C/F" button to select the desire language: ENG, GER, FRE, ITA, DUT, SPA. Press and release the REG/RCC button to confirm and continue.

	ENGLISH	GERMAN	FRENCH	ITALIAN	DUTCH	SPANISH
WEEK	ENG	GER	FRE	ITA	DUT	SPA
MON	MON	MON	LUN	LUN	MAR	LUN
TUE	TUE	DIE	MAR	MAR	DIN	MAR
WED	WED	MIT	MER	MER	WOE	MIE
THU	THU	DON	JEU	GIO	DON	JUE
FRI	FRI	FRE	VEN	VEN	VRI	VIE
SAT	SAT	SAM	SAM	SAB	ZAT	SAB
SUN	SUN	SON	DIM	DOM	ZON	DON

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Language Settings



3. 12/24-HOUR:

DCF will be shown steadily, the default setting is "ON" at time-area and the RCC icon will start flashing and DCF icon is steady. User can change with button +/MAX/MIN" or "-/C/F" to select "OFF" (without flashing RCC-Icon). Press and release the REG/RCC button to confirm and continue.

Note:

- 1)If set "ON", the user can/would set next time-zone process.
- 2)If set "OFF", the Set-Menu will cross over the time-zone setting process automatically.

Note : To ensure good signal reception, we invite you to place the base away from the AC adapter by extending the wire of the adapter, as this can disrupt the signal reception.

4. TIME OFFSET (TIME ZONE):

Press button "REG/RCC" once again and the time-zone setting will be shown. The default Setting "00" at time area. Time area starts flashing and User can change from -12 to 12 with button +/MAX/MIN" or "-/C/F", while DCF Icon is steady. Press and release the REG/RCC button to confirm and continue.

5. 12/24-HOUR:

12Hr or 24Hr will flash. Press and release the "+/MAX/MIN" or "-/C/F" button to select the 12-hour or 24-hour time. Press and release the REG/RCC button to confirm and continue.

6.HOUR:

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The Hour will flash. Press and release the "+/MAX/MIN" or "-/C/F" button to select the Hour. Press and release the REG/RCC button to confirm and continue.

7.MINUTES:

The Minutes will flash. Press and release the "+/MAX/MIN" or "-/C/F" button to select the Minutes. Press and release REG/RCC button to confirm and continue.

8.YEAR:

The Year will flash. Press and release the "+/MAX/MIN" and "-/C/F" button to select the Year. Press and release the REG/RCC button to confirm and continue.

9.MONTH:

The Month will flash. Press and release the "+/MAX/MIN" or "-/C/F" button to select the Month. Press and release the REG/RCC button to confirm and continue.

10.DATE:

The Date will flash. Press and release the "+/MAX/MIN" or "-/C/F" button to select the Date. Press and release the REG/RCC button to confirm and continue.

Note: If no button is pressed in a 20 seconds period, setting mode will time out and return to live display mode, reflecting whatever adjustments were made by user before timed out.

Set Alarm :

ALARM HOUR: Press and hold ALARME button for 3 seconds to enter alarm time setting mode. The Alarm Hour will flash. Use the "+/MAX/MIN" or "-/C/F" button to set the Hour. Press and release the ALARME button to continue. ALARM MINUTES: The Alarm Minutes will flash. Use the "+/MAX/MIN" or "-/C/F" button to set the Minutes. Press and release the ALARME button to exit.

ALARM ICON:

ALARM ACTIVATION:

Press and release the ALARME button once to show alarm time. Press and release the ALARME button again to activate or deactivate the Alarm. The alarm icon appears when alarm is activated; The alarm icon disappears when alarm is deactivate.

SNOOZE / LUM. FUNCTION:

When alarm sounds, press the SNOOZE/LUM button to trigger snooze for 10 minutes. The snooze icon flashes when the snooze feature is active; In snooze mode, press any button to exit and the snooze icon disappears. Presses during normal mode to recycle adjust backlight level (4,3,2,1 &OFF) from bright to dark.

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BACK

Backlight Level 4 Backlight Level 3 Backlight Level 2 Backlight Level 1 OFF



MAX/MIN Operation:

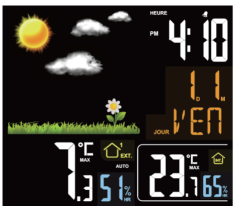
When in normal mode, press "+/Max/Min" button to light up "MAX" segment, and display MAX outdoor & indoor values. Press and hold for 3 seconds to manually clear current MAX values.

When in normal mode, press "+/Max/min" button to light up "MIN" segment, and display MIN outdoor & indoor values. Press and hold for 3 seconds to manually clear current MIN values.

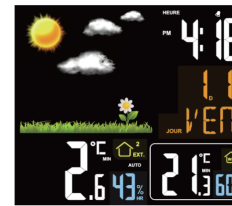
The MIN/MAX recorded data will also be automatically cleared at every midnight (12:00AM) to current values.

After 5 seconds the display will return back to the "live" display mode.

MAX Readings Display



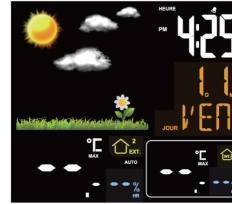
Min Readings Display



Clear Min Readings



Clear Max Readings



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Heat Index and Dew Point:

INDOOR: When Indoor Temperature/Humidity are displayed, press the CHALEUR /ROSEE button and Indoor Heat Index and Indoor Dew Point will show briefly in the indoor temperature display area.

OUTDOOR: When Outdoor Temperature/Humidity are displayed, press the CHALEUR/ROSEE button Outdoor Heat Index and Outdoor Dew Point will show briefly in the outdoor temperature display area.

Heat Index Readings



Dew Point Readings



Battery Low Indicator:

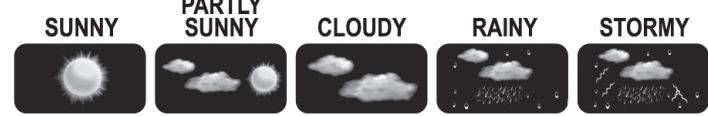
It is recommended to replace the batteries in all units every 12 months to ensure optimum accuracy of this units. A low battery icon will display next to the outdoor temperature when the transmitter batteries are low and next to the indoor temperature when the batteries in the weather station are low.

Low Battery Icon :



Weather Forecast:

The unit predicts weather condition of the next 12 – 24 hours based on the change of atmospheric pressure. The weather forecast is based on atmospheric pressure change and is about 70-75% correct.



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SPECIFICATIONS :

Indoor:

Temperature Range: 0°C to 50°C (32°F to 122°F)

Humidity Range: 10% to 99% RH

Outdoor:

Temperature Range: -40°C to 60°C (-40°F to 140°F)

Humidity Range: 10% to 99% RH

Transmission Range: Over 100 meters (330 feet) in open air

Frequency : 433MHz

Power Requirements:

Adaptor: HX0180500150A2E

WS6820: 3 "AA" LR6 (not included)

TX141TH-BCHV3: 2 "AA" LR6 (not included)

Battery Life:

WS6820: Over 12 months with reputable batteries

TX141TH-BCHV3: Over 24 months with reputable batteries

Dimensions:

WS6820:175 L x 32 W x 163H mm (6.88" L x 1.25" W x 6.42" H)

TX141TH-BCHV3:40L x 20 W x 130H mm(1.57" L x 0.82" W x 5.11" H)

CAUTION:

Risk of fire or explosion or defeat the safeguard of equipment if the battery is replaced by an incorrect type. Replace only with the same or equivalent type. Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.

High or low extreme temperatures or low air pressure at high altitude that the battery can be subjected to during use, storage or transportation. Leaving the battery in an extremely high temperature and/or low high air pressure surrounding environment that can result in an explosion or the leakage of flammable liquid or gas.

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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.

*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.

ABOUT AC/DC POWER SUPPLY :

Do not use the device: ABOUT AC/DC POWER SUPPLY

-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,

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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 "throwing 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.

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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

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