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MARATHON LISBON Weather Station with Large Colour Display

MARATHON LISBON Weather Station with Large Colour Display Instruction Manual

Contents

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Product Information

Specifications:

- **Indoor humidity measurable range:** 20% – 99%
- **Outdoor humidity measurable range:** 0% – 99%
- **Transmission range:** Up to 70m in open areas
- **Power source:** 2 AA size batteries or wall outlet

Product Usage Instructions

Getting Started:

1. Powering up the weather station:
     - Connect the power cord to the wall outlet OR
     - Remove the battery compartment door and insert 2 AA-size batteries.
2. The weather station can be placed up to 70m apart in open areas without obstacles like buildings, trees, etc.

The Weather Forecast:

The weather forecast includes the following conditions:

1. Sunny
2. Slightly Cloudy
3. Cloudy
4. Rainy
5. Snow or Freezing Rain

Setting Your Thermometer and Hygrometer:

Temperature & Humidity instructions:

- **Indoor humidity range:** 20% – 99%
- **Outdoor humidity range:** 0% – 99%

Setting the Time and Alarm:

Radio Controlled Clock instructions:

- After powering on, the clock syncs with outdoor sensor data.
- The DCF signal icon will flash when synchronizing the time and date.

FAQ:

Q: How do I replace a part if needed?
A: To replace the Remote Temperature Sensor (Part No. BA030017-RS), visit **www.MarathonWatch.com** to order a replacement.

Need a replacement part?

Remote Temperature Sensor
(Part No. BA030017-RS)

Visit: www.MarathonWatch.com to order a replacement!

Exploring the features

- **Weather Forecast**
    - There are totally 5 different weather status animations in the weather forecast. Sunny, Slightly Cloudy, Cloudy, Rainy and Snow

- **Time**
    - Radio Controlled Time
    - Daily Alarm Function

- **Humidity**
    - Indoor humidity measurable range: 20 ~ 99%
    - Outdoor humidity measurable range: 0~99%
    - Outdoor humidity record from Start-Up/Reset, and the corresponding time
    - 24 Hours lowest & highest display for outdoor humidity

- **Temperature**
    - Indoor & Outdoor temperature display
    - Measures °C / °F user selectable
    - Outdoor Temperature Record from Start-Up/Reset, and the corresponding time
   - 24 Hours lowest & highest display for outdoor temperature

- **Wireless Outdoor Sensor**
    - Low-battery indicator for Outdoor Sensor
    - Wall Mount or Table Stand
    - One Wireless outdoor sensor Included
    - 433MHz RF transmitting frequency
    - 70-meter transmission range in an open area

What's in the box

Weather Station Front LCD Screen

- **A1:** Outdoor temperature
- **A2:** Outdoor humidity
- **A3:** Outdoor temperature memory record
- **A4:** Outdoor humidity memory record
- **A5:** Indoor humidity
- **A6:** Indoor temperature
- **A7:** Comfort indicator
- **A8:** Weather forecast
- **A9:** Radio control icon
- **A10:** Day of week/Second
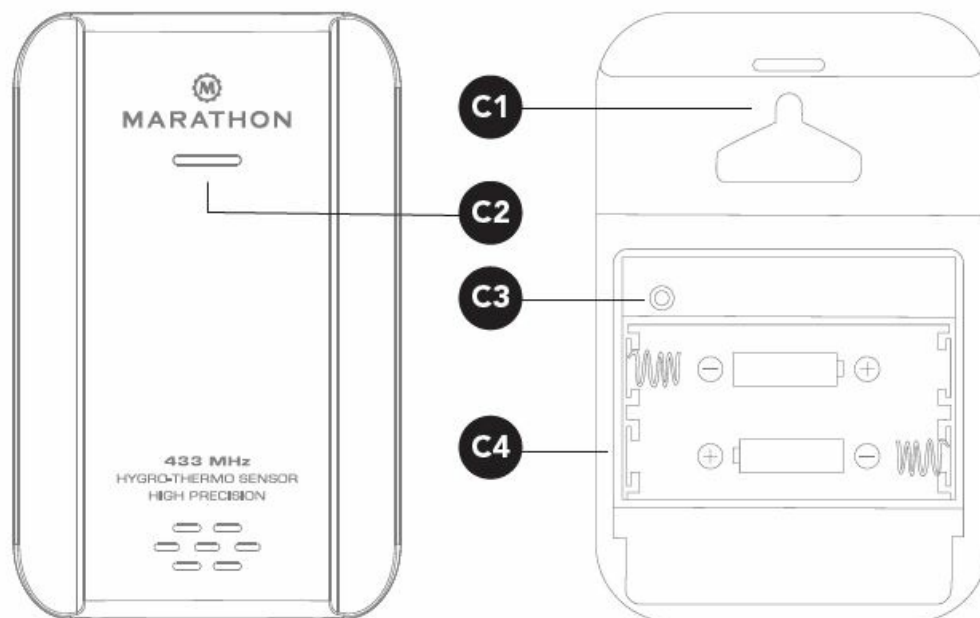- **A11:** Time
- **A12:** Date
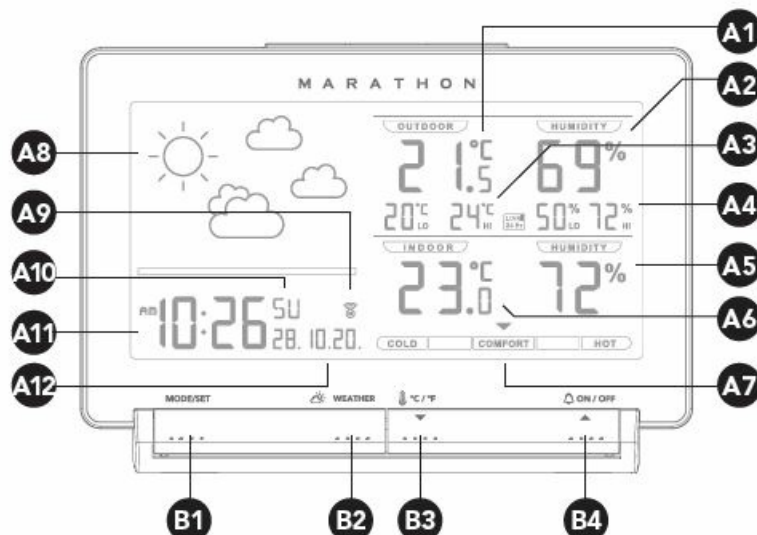
Weather Station Backing

- **B1:** MODE/SET button
- **B2:** WEATHER button
- **B3:** ▼/🌡 ºC / ºF button
- **B4:** ▲/🔔 ALARM ON/OFF button
- **B5:** SNOOZE/DIMMER button memory record
- **B6:** MEMORY/🌡 button
- **B7:** SEARCH/📱 button
- **B8:** RESET button
- **B9:** 🌡 button
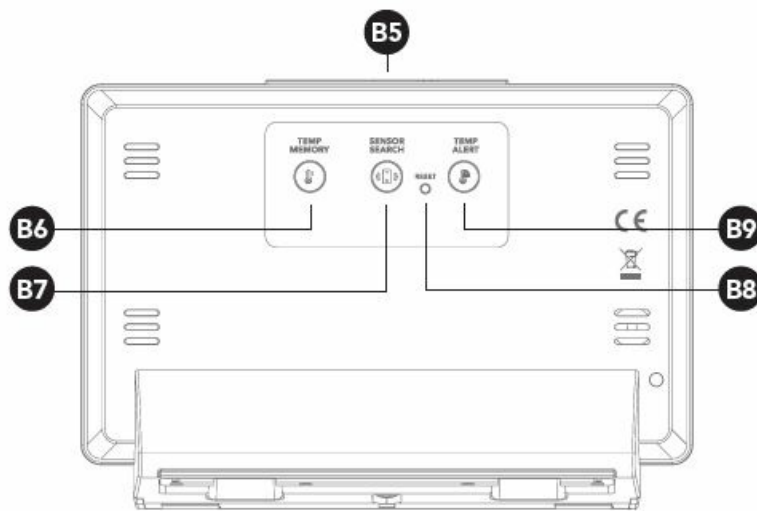
Outdoor Sensor/Transmitter

- **C1:** Wall Mount Hole
- **C2:** Transmission In
- **C3:** RESET button
- **C4:** Battery Compartment

Getting started

Powering up the weather station
Connect the power cord to the wall outlet or remove the battery compartment door and insert a 2pcs AA size battery.

NOTE:

- Before connecting the unit to power, make sure your local voltage is the same as marked on the adaptor.
- If solely powered by a battery, the backlight will be off. To turn the backlight on for 5 seconds, press the SNOOZE/DIMMER button.
- When the power adaptor is connected, the weather station will automatically pull power from the external power supply.

Powering up the outdoor sensor
Open battery cover, and insert 2 x AA batteries observing polarity ["+" and "–" marks]

Proper Installation

- Place the main unit on a flat surface.
- The remote sensor should be securely mounted vertically to a surface.
- Transmissions between receiver and transmitter can be reached up to 70m apart in open areas. Open areas refer to areas with no interfering obstacles such as buildings, trees, vehicles, high-voltage lines, etc.

The weather forecast
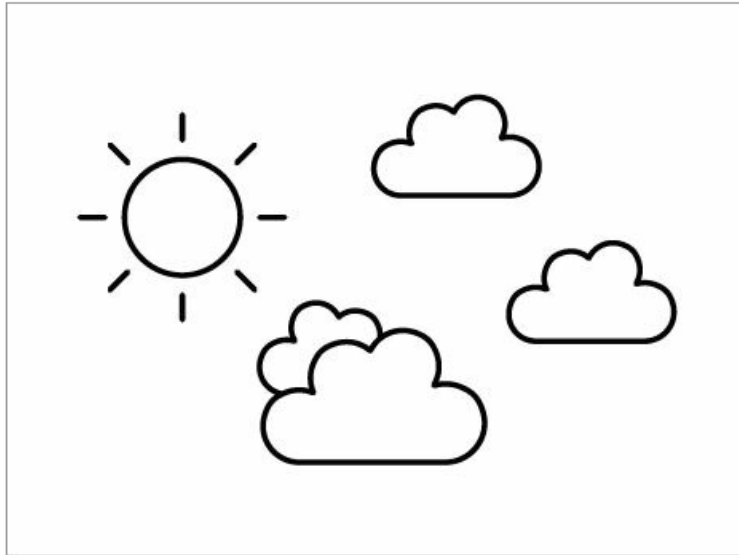
Setting your current weather conditions

- After holding the WEATHER button for 3 seconds, the weather icon will flash on the LCD. Enter the current weather by pressing the ▼ or ▲ buttons. Press the WEATHER button to confirm the setting. The weather forecast may not be accurate if the weather entered does not match the current weather. The weather station will start the first forecast 6 hours after the current weather status has been entered.
- The current weather status should be entered again if the altitude of the main unit is changed. (The Barometric pressure is lower at a higher altitude location. Therefore, altitude change will affect the weather forecast).

Weather Conditions
There are in total 5 different weather statuses in the weather forecast.

Sunny   Slightly Cloudy   Cloudy

Rain   Freezing Rain or Snow
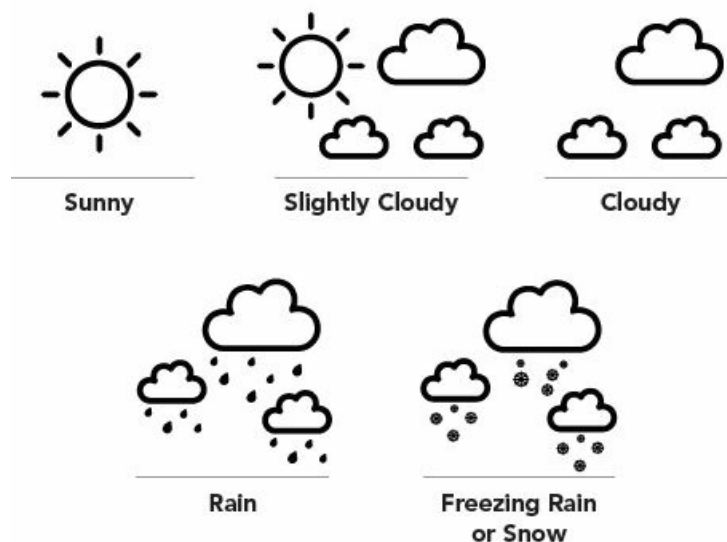
NOTE:

- The "Freezing "or "Snow" symbol is shown if there is rain and the current outdoor temperature reads under 0 degrees Celsius.
- **The Frost Alert:** is shown if the outdoor temperature is between -2°C ~ +3 °C

- If there are inconsistencies between your Local Weather Station and this unit, please refer to your local weather station's forecast. The manufacturer does not take responsibility for incorrect forecasting from this unit.

Setting your thermometer and hygrometer
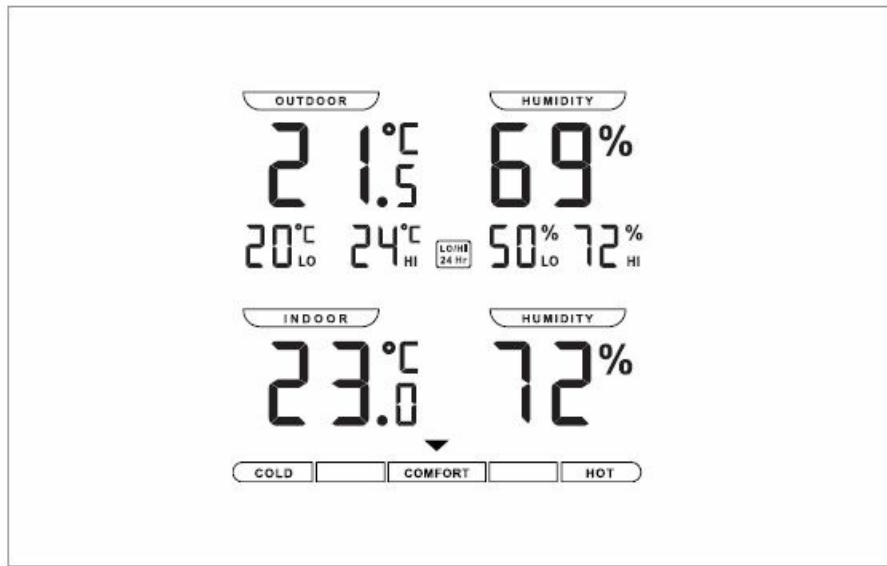
RF Transmission Procedure:

- The main unit will automatically start to receive the outdoor temperature & humidity conditions after the weather condition has been set.
- The outdoor sensor will automatically start to transmit temperature and humidity conditions to the weather station after batteries have been inserted.
- If the weather station is receiving transmissions from the outdoor sensor the RF icon 📶 will display on the LCD
- If the weather station has failed to receive transmissions from the outdoor sensor ("- – . –" will display on the LCD). In this case press and hold the SEARCH/ 📱 button for 3 seconds to reset transmission manually.

Temperature & Humidity

1. Past 24 Hours Highest/Lowest outdoor temperature and humidity
    - The weather station automatically shows the highest outdoor temperature and humidity record over the past 24 hours. For example: the display of 30℃ HI & 80% HI means past 24 hours recorded highest outdoor temperature is 30ºC and the highest outdoor humidity is 80%
    - The weather station automatically shows the lowest outdoor temperature and humidity record over the past 24 hours. For example: display of 8℃ LO & 20% LO means past 24 hours recorded lowest outdoor temperature is 8ºC and the lowest outdoor humidity is 20%.
2. **Recorded Maximum/Minimum Outdoor**
   Temperature and Humidity from Powering on/Reset.

    - Press the MEMORY/ 🌡 button to view the lowest and highest recorded temperature and humidity from the point of powering on or reset. MEM will flash on the LCD.

- When viewing these saved records, hold the MEMORY/ 🌡 button for 3 seconds to clear the maximum and minimum records.

- When viewing these saved records, press the MEMORY/ 🌡 button again to check the corresponding time and date of the records. The saved records and corresponding time and date will flash. Press MEMORY/ 🌡 button select to view:

- Time & date for lowest outdoor temperature memory record, Time and date for highest outdoor temperature memory record, Time & date for lowest outdoor humidity memory record, Time and date for highest outdoor humidity memory record.

3. **Celsius/Fahrenheit**

- Press the °C /°F button to select Indoor/Outdoor temperature in Celsius or Fahrenheit.

- The measurable indoor temperature range is – 10°C to + 50°C. If the indoor temperature is out of the measurable range, LL.L(beyond the minimum temperature) or HH.H (beyond the maximum temperature) will be shown on the indoor temperature column of the LCD.

- The measurable outdoor temperature range is – 20°C~+ 50°C. If the outdoor temperature is out of the measurable range, LL.L (beyond the minimum temperature) or HH.H (beyond the maximum temperature) will be shown on the outdoor temperature column of the LCD.
 **NOTE:** When outdoor temperature is lower than -20°C, or higher than +50°C, the outdoor sensor unit might not work properly

4. **Humidity**

Indoor humidity measurable range is 20% ~ 99%. It will display 20% if indoor humidity is lower than 20%. Outdoor humidity measurable range is 0 ~ 99%.

5. **Outdoor Temperature Alert Function**

- Press the 🌡 button to activate or deactivate the outdoor temperature alert function.

- Press the 🌡 button to select:

  1. The active outdoor upper-temperature alert. The icon ▲ will appear beside the outdoor temperature digit.

  2. The active outdoor upper & lower temperature alert. The icon ▼ will appear beside the outdoor temperature digit.

  3. The active outdoor lower temperature alert. The icon ▼ will appear beside the outdoor temperature digit.

  4. To deactivate the outdoor temperature alert. The alert icon will disappear.

- Hold the 🌡 button for 3 seconds to enter the outdoor temperature alert setting. Icon ▲ or ▼ beside outdoor temperature's digits flash. Press ▼ or ▲ button to adjust the setting value, and press 🌡 the button to confirm the setting. Setting Sequence as follows: Upper limit of temperature, Lower limit of Temperature.

- When it's alerting, an icon ▲ or ▼ and temperature digit would flash on the LCD. Press any buttons to stop the alert sound, otherwise, it will sound for 2 minutes, and stop automatically.

6. **Comfort Indicator Bar:**

Display of pleasant/unpleasant climate.

Setting the time and setting an alarm

Radio Controlled Clock:
After the weather station has powered on and completed syncing temperature and humidity from the outdoor

sensor, The DCF signal, radio-controlled icon 📶 will automatically flash on the LCD, indicating the clock synchronizing the current time and date.

- **Icon Turns on**

  Indicates signal has been received
- **Icon Flashes**

  Indicates it is receiving a DCF signal
- **Icon Disappears**

  Indicates signal has failed

NOTE:

- The clock will automatically synchronize with the radio wave signal at 3.00 a.m. every day to maintain accurate timing.

- If reception fails, scanning will stop and they 📶 will disappear from the LCD

- The clock can be set to synchronize manually by holding the 📶 button for 3 seconds. (Synchronization can take several minutes.)

- You can stop the DCF synchronization by holding the 📶 button for 3 seconds.

- If the weather station is in daylight savings mode a **DST** will show on the LCD.

Manual Time Setting:

- To enter the Clock/Calendar setting mode, press and hold the MODE/SET button for 3 seconds until the digits flash.
- Press ▼ or ▲ button to adjust the desired value and press the MODE/SET button to confirm and move on to

the next setting.

- Hold down the ▼ or ▲ button to speed up setting.
- Press the MODE/SET button to confirm settings and exit from time setting mode or the time setting mode will automatically exit after 15 seconds if no button is pressed.

The setting sequence is as follows:

1. press = 12/24 Hour
2. presses = Time Zone
3. presses = Hour
4. presses = Minute
5. presses = Second
6. presses = Language
7. presses = Year
8. presses = Month
9. presses = Day

NOTE:

- The days of the week can be displayed in 8 different languages: German (GE), French (FR), Spanish (ES), Italian (IT), Dutch (NE), Danish (DA), Russian (RU), and English (EN).
- The language and their select abbreviations for each day of the week are shown in a table at the back of this manual.
- The Second setting is adjusted to zero only.
- Time Zone function: If your area can receive an RC- DCF frequency signal, the time zone function should be set to 0. The Time Zone function is used in areas where a DCF frequency signal can be received but the time zone is different from the German Time.

Daily Alarm Function:

- Press the MODE/SET button to select to view the Time (Time & Day of Week) or Alarm Time ("AL" shown on the LCD)
- When viewing the alarm time, hold the MODE/SET button for 3 seconds to enter the alarm setting mode. Press the ▼ or ▲ button to adjust the alarm time. Press the MODE/SET button to confirm the setting.
- Press the 🔔 button to activate or deactivate the alarm. If the alarm is activated, the 🔔 icon will appear on the screen.
- Press the SNOOZE button to silence the alarm and enter snooze mode, the alarm will sound again in 5 minutes. During snooze mode, the 🔔 icon will flash on the LCD.
- Press any button other than the SNOOZE button, to stop the alarm. Otherwise, the alarm sound will continue for 2 minutes before stopping.

NOTE:
The snooze function can be repeated up to 7 times.

Additional Information

Dimmer
Press the DIMMER button to adjust the LED brightness (off-med-high), when powered by the adaptor,

Low battery indication:
The low battery icon▭ will display beside the outdoor temperature digit indicating the outdoor sensor battery is low and batteries should be replaced.

Precautions

- Use a pin to press the reset button, if the unit is not working properly.
- Avoid placing the clock near interference or metal frames such as computers and TVs.
- The clock will lose the time when the battery is removed.
- Do not expose to direct sunlight, heavy heat, cold, high humidity or wet areas
- The outdoor sensor must not be set up or installed underwater and keep away from direct sunlight and rain
- Never clean the device using abrasive/corrosive materials or products as these may scratch the plastic and corrode electronics
- If there are inconsistencies between your Local Weather Station and this unit, please refer to your local weather station's forecast. The manufacturer will not take responsibility for incorrect forecasting from this unit.

Day of the week

GE Deutsch	SO Sonntag	MO Montag	DI Dienstag	MI Mittwoch	DO Donnerstag	FR Freitag	SA Samstag
EN English	SU Sunday	MO Monday	TU Tuesday	WE Wednesday	TH Thursday	FR Friday	SA Saturday
RU русский	ВС Воскресенье	ПН понедельник	ВТ вторник	СР среда	ЧТ четверг	ПТ пятница	СБ суббота
DA Dansk	SO Søndag	MA Mandag	TI Tirsdag	ON Onsdag	TO Torsdag	FR Fredag	LO Lørdag
NE Nederlandse	ZO Zondag	MA Maandag	DI Dinsdag	WO Woensdag	DO Donderdag	VR Vrijdag	ZA Zaterdag
IT Italiano	DO Domenica	LU Lunedì	MA Martedì	ME Mercoledì	GI Giovedì	VE Venerdì	SA Sabato
ES Español	DO Domingo	LU Lunes	MA Martes	MI Miércoles	JU Jueves	VI Viernes	SA Sábado
FR Français	DI Dimanche	LU Lundi	MA Mardi	ME Mercredi	JE Jeudi	VE Vendredi	SA Samedi

Warranty

- 2 year warranty

Marathon Watch Company Ltd.
Service Clients: **www.MarathonWatch.com**.

Made in China.

Documents / Resources

MARATHON LISBON Weather Station with Large Colour Display [pdf] Instruction Manual
LISBON Weather Station with Large Colour Display, Weather Station with Large Colour Display, Station with Large Colour Display, Large Colour Display, Colour Display, Display

References

- ⊛ **Marathon Watch Company - Swiss Made Authentic Military Watches**
- **User Manual**