



MARATHON BA030021 Weather Station with Large Colour Display Instruction Manual

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MARATHON

BA030021 Weather Station with Large Colour Display
Instruction Manual



Need a replacement part?

Remote Temperature Sensor

(Part No. BA030017-RS)

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

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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 corresponded 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 corresponded time
- 24 Hours lowest & highest display for outdoor temperature

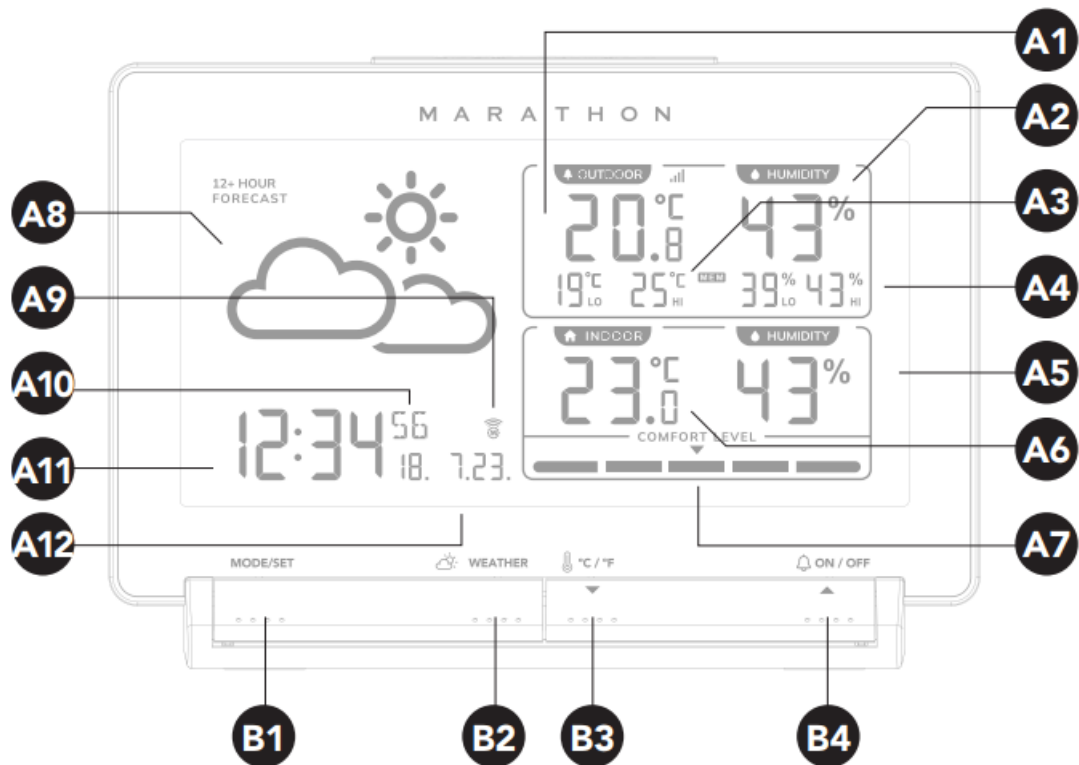


Wireless Outdoor Sensor

- 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

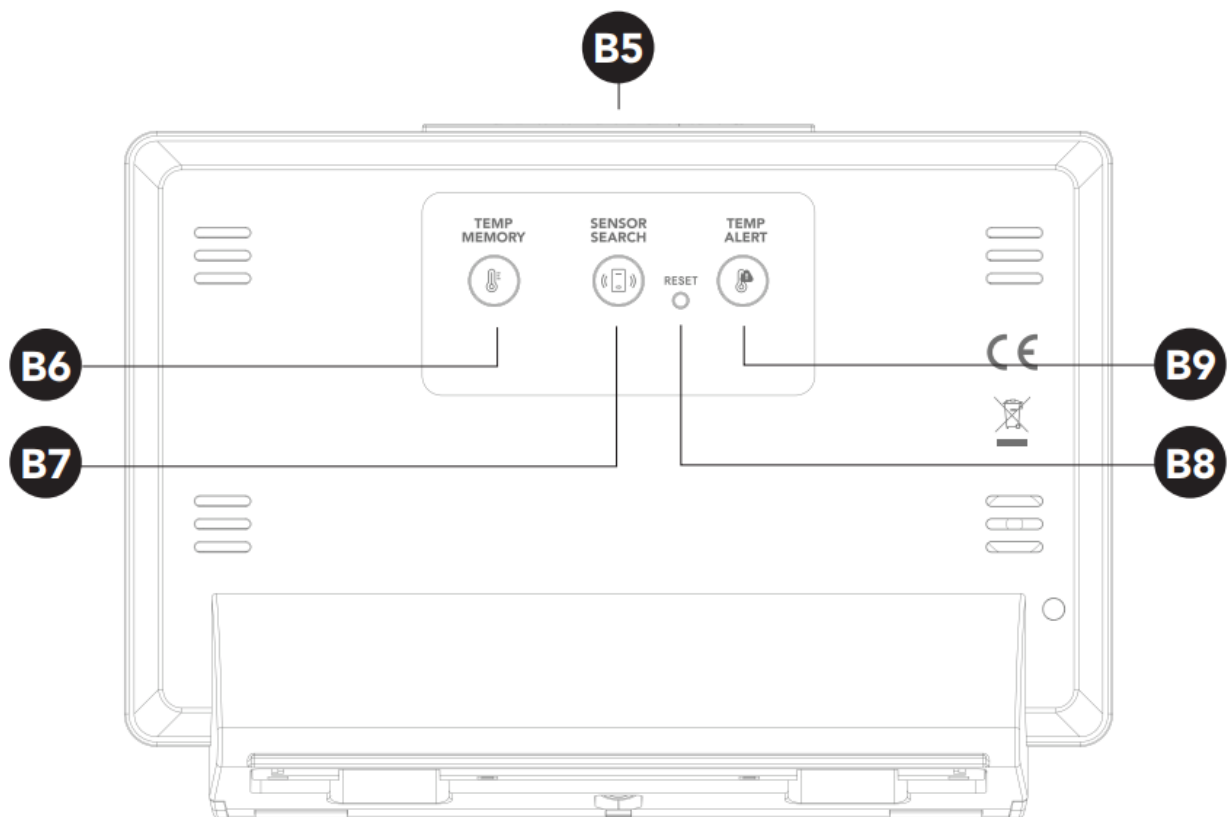
What's in the box

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: ▼ / °C/°F button

B4: ▲ / 🔔 **ALARM ON/OFF** button

B5: **SNOOZE/DIMMER** button memory record

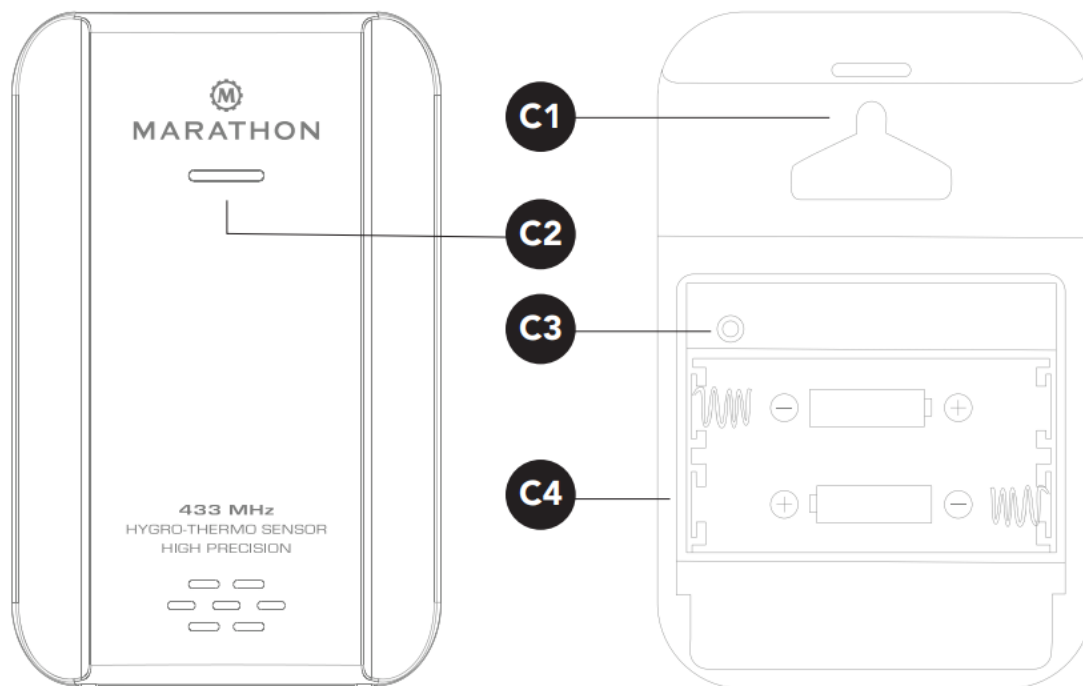
B6: **MEMORY** / 🌡️ button

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 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 battery, the backlight will be off. To turn the back light 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.

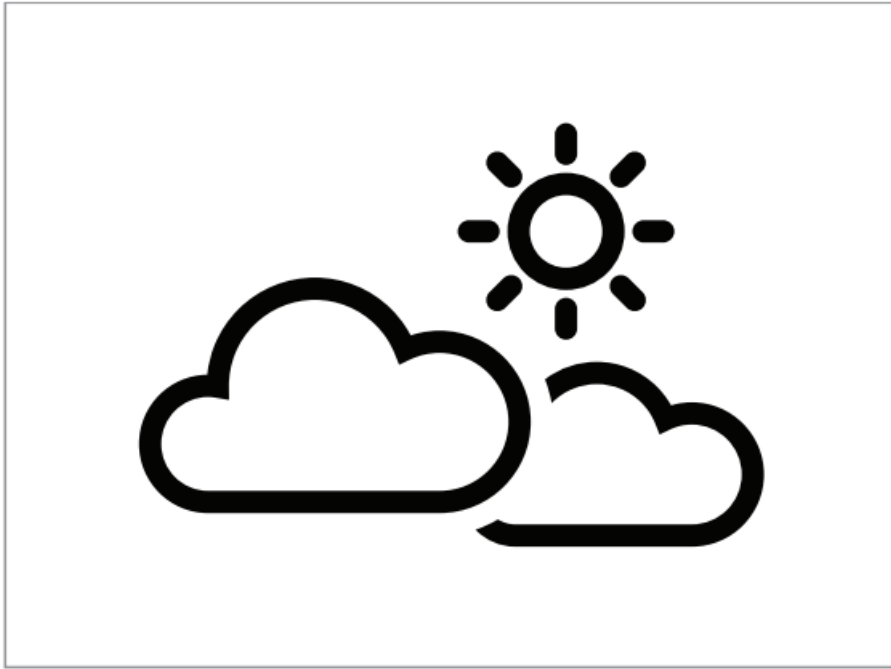
Powering up the outdoor sensor

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 refers 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 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

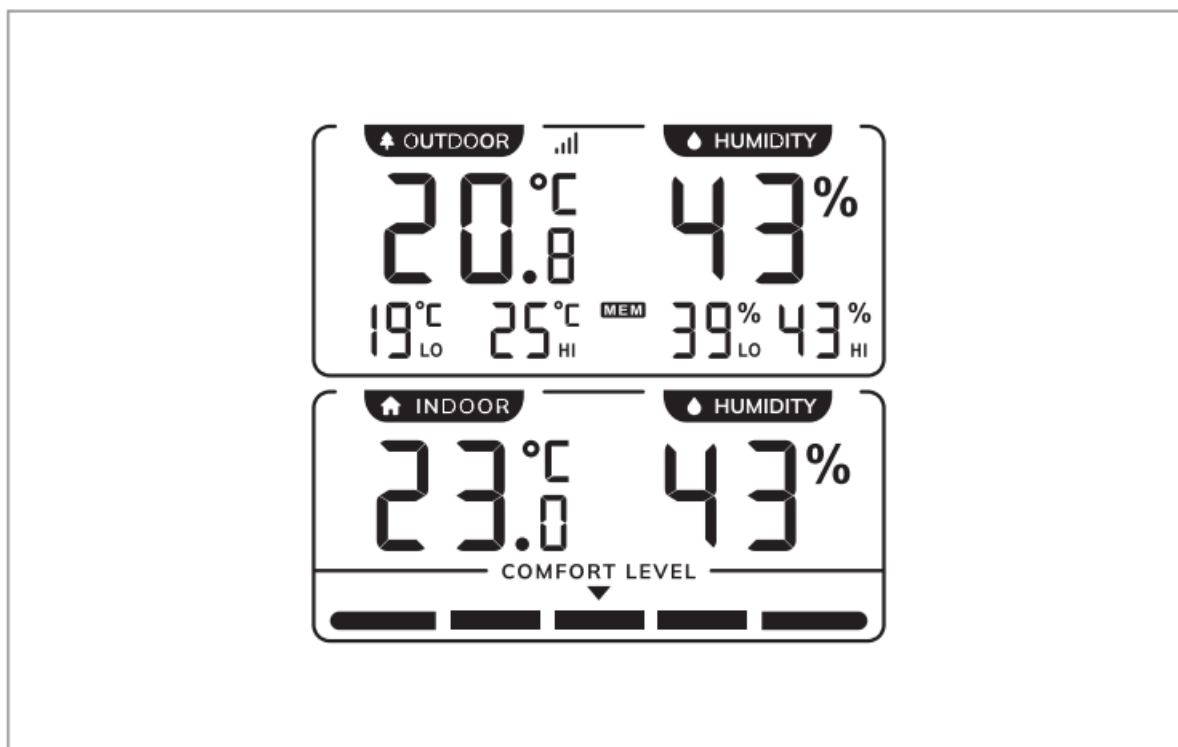


**Freezing Rain
or Snow**



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: display of $30^{\circ}\text{C}_{\text{HI}}$ & $80\%_{\text{HI}}$ means past 24 hours recorded highest outdoor temperature is 30°C and 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 $8^{\circ}\text{C}_{\text{LO}}$ & $20\%_{\text{LO}}$ means past 24 hours recorded lowest outdoor temperature is 8°C and 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 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 record.

- When viewing these saved records, press the **MEMORY** /  button again to check the corresponding time and date of 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 outdoor temperature 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  button for 3 seconds to enter outdoor temperature alert setting. Icon  or  beside outdoor temperature's digits flash. Press ▼ or ▲ button to adjust the setting value, press  button to confirm the setting. Setting Sequence as follow: Upper limit of temperature, Lower limit of Temperature.
- When it's alerting, 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.

	<p>Icon Turns on Indicates signal has been received</p> <p>Icon Flashes Indicates it is receiving DCF signal</p> <p>Icon Disappears Indicates signal has failed</p>
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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 the  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 follow:




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 **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 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 unit is not working properly.
- Avoid placing the clock near interference or metal frames such as computer 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 under water 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

SU	MO	TU	WE	TH	FR	SA
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday



Marathon Watch Company Ltd.

Customer Service: www.MarathonWatch.com



Designed in Canada



Made in China

2 year warranty

Documents / Resources

 <p>Lisbon Station Météo avec Grand Écran Couleur Weather Station with Large Colour Display Stazione Meteo con Ampio Display a Colori Wetterstation mit großem Farbdisplay Weerstation met grote kleurendisplay</p> 	<p>MARATHON BA030021 Weather Station with Large Colour Display [pdf] Instruction Manual BA030021 Weather Station with Large Colour Display, BA030021, Weather Station with Large Colour Display, Station with Large Colour Display, Large Colour Display, Colour Display, Displa y</p>
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References

-  [Marathon Watch Company - Swiss Made Authentic Military Watches – Marathon Watch North America](#)