



MARATHON

JUMBO LCD WALL CLOCK

INSTRUCTION MANUAL

MODEL: CL030025



**2 YEAR
warranty**
**Garantie
de 2 ANS**

Marathon Watch Company Ltd.
30 Mural Street, Unit #10, Richmond Hill,
Ontario, Canada L4B 1B5
www.MarathonWatch.com

Trouble - Shooting

- Press the "Reset" button when the clock is displaying irrelevant time even when the tower icon shows. This may happen when the external noise is severe enough to interfere with the time signal.
- Press the "Reset" button on the wireless transmitter if the readout is irrelevant or does not respond.

Care of Your Clock

- Avoid exposing your clock to extreme temperatures, water or severe shock.
- Avoid contact with any corrosive materials such as perfume, alcohol or cleaning agents.
- Do not subject the clock to excessive force, shock, dust, temperature or humidity. Any of these conditions may shorten the life of the clock.
- Do not tamper with any of the internal components of this clock. This will invalidate the warranty and may cause damage.

Warning : Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

ESD Press Reset Button

Under the environment with electrostatics discharge, the sample may malfunction and require user to reset the sample.

Under the environment with radio frequency interference, the sample may malfunction and require user to reset the sample.

Disposal of Your Old Product

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.

When this crossed-out wheeled bin symbol is attached to a product it means the product is covered by the European Directive 2002/96/EC.



Please inform yourself about the local separate collection system for electrical and electronic products. Please act according to your local rules and do not dispose of your old products with your normal household waste. The correct disposal of your old product will help prevent potential negative consequences for the environment and human health.

Disposal of Flat Batteries / Accumulators

You, as the end user, are legally obliged (**Battery Ordinance**) to return all flat batteries and rechargeable batteries. **Disposal in the household waste is prohibited.**

"European Directive 2006/66/EC" Batteries, including rechargeable batteries, which contain hazardous substances are marked by symbols which indicate the prohibition of disposal in the household waste.

The designations for the heavy metals concerned are as follows :

Cd = cadmium, **Hg** = mercury, **Pd** = lead. You can return flat batteries/rechargeable batteries free of charge to the collection points in your community or anywhere else where batteries / rechargeable batteries are sold.

You thus fulfil your statutory obligations and help protect the environment.



Caution

Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type, please refer to the engraved battery marks inside the battery compartment for the correct battery polarity (+) and (-).

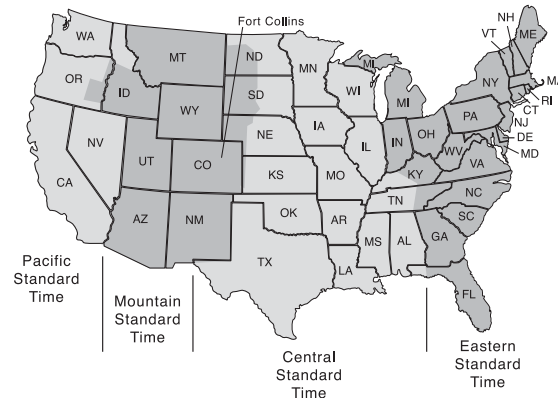
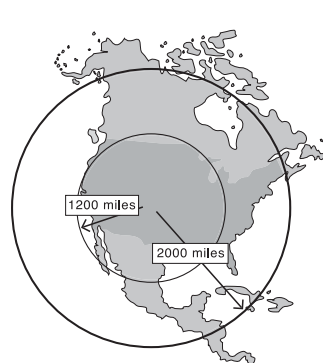
INSTRUCTION MANUAL

The Radio Controlled Clock with Thermometer

With the Radio Controlled Clock, you have the most accurate timepiece within the continent. It can receive the time signal transmitted by the National Institute of Standards and Technology (NIST), which is regulated by 3 atomic clocks and deviates less than 1 second within 3,000 years. The NIST broadcasts the time signal (WWVB, 60kHz) continuously from Fort Collins, Colorado. This signal can be received anywhere in the continental USA that long wave (AM) radio reception is possible with a portable radio. It is expected that the signal can cover a distance of over 2,000 miles from the transmitter. Therefore, your clock will receive the signal within the broadcast range anywhere an AM signal can be received; generally the signal cannot be picked up in massive metal and concrete structures unless near a window. In addition, some environmental effects (see next page) may affect the transmitting distance.

For more information, please study the WWVB WEB page of NIST at:

<http://www.boulder.nist.gov/timefreq/>



Environmental Reception Effects

The Radio-Controlled Clock obtains the accurate time with wireless technology. Same as all wireless devices, the receiving ability may be affected by, but not limited to, the following conditions

- Long transmitting distance.
- Nearby mountains and valleys.
- Among tall buildings.
- Near railway, high voltage cable, etc.
- Near freeway, airport, etc.
- Near construction site.
- Inside concrete buildings.
- Near electrical appliances.
- Bad weather.
- Inside moving vehicles.
- Nearby metallic structures.

Location Precautions

This clock receives a radio wave much like a TV or radio. Be sure to locate it near a window or some other locations where reception is good. Avoid the following locations, which can interfere with proper reception.



Inside or near concrete/ steel buildings or structures, unless the clock is close/ next to a window (with curtain open).



Next or close to power station.



Inside moving vehicles (automobile, train, airplanes etc) which radio transmission or electronics will interfere the reception of radio-controlled clock.



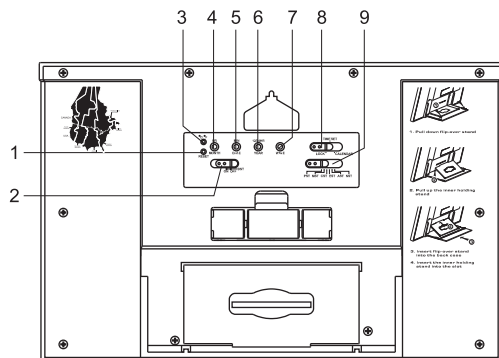
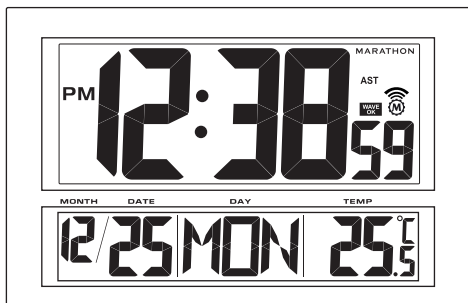
Too close to household appliances (Computer, TV, video/audios, fax machines, speakers),



Near construction sites, traffic lights, roadside, neon lights etc,



Close to or on top of metal surfaces / plates.



Locations of Control

1. RESET button
2. DST ON / OFF switch
3. °C/°F button
4. HOUR / MONTH button
5. MINUTE / DATE button
6. 12HR / 24HR / YEAR button
7. WAVE button
8. LOCK / TIME SET / CALENDAR switch
9. PST / MST / CST / EST / AST / NST switch

Features

- Receives 60kHz WWVB signal.
- Automatic time and date adjustment after signal reception.
- Calendar with day of the week display.
- Hour, minute and second display.
- 12 or 24-hour format.
- Time accuracy (Radio-Controlled clock): better than 1 second in 3000 years.
- Time accuracy (free run): +/- 60 seconds per month.
- Indoor temperature.
- Centigrade or Fahrenheit readout.
- Clock operating temperature from 32°F to 109°F (0°C to 40°C).
- Temperature measuring range from -58°F to 158°F (-50°C to 70°C).
- Temperature resolution 0.1°F (0.1°C).

GETTING STARTED

BATTERIES INSTALLATION

Batteries Installation of the Clock

- Open the battery cover of the main unit.
- Insert 3 "C" batteries in polarity (+) and (-) as indicated.
- Close the battery cover.
- The low battery icon will show in the indoor temperature window when your batteries need replacement.


Radio Controlled Clock Reception

Your radio controlled clock receives the official time signal from Fort Collins. Successful reception will activate the WAVE OK icon. If the clock fails to receive the "WAVE" signal in the first reception sequence after power up, it will repeat a 10-minute reception sequence every 3 hours. This operation stops once the WAVE is received. The clock automatically refreshes the WAVE each night.






You can start reception of the time signal anytime by pressing the WAVE button.

Note : Frequent use of this feature may affect battery life.

Unsuccessful Wave Signal Reception

If the automatic updates at 1:00am is failed, the wave on top of the  tower and the OK icon will disappear. If unsuccessful signal reception after battery installation or after reset, the main unit will keep trying for 10 minutes every hour until time signal reception is successful.

Status of RCC Signal

	NO SIGNAL OR VERY WEAK SIGNAL UNDER SIGNAL SEARCHING OR UNSUCCESSFUL RECEPTION
	SUCCESSFUL RECEPTION
	SIGNAL STRONG SEARCHING
	SIGNAL MEDIUM SEARCHING
	SIGNAL WEAK SEARCHING

Interference

Signals from other household devices, such as entry controls, door bells and home security systems, may temporarily interfere the Radio Controlled Clock and cause reception failure. This is normal and does not affect the general performance of the product. The transmission and reception of temperature reading will resume once the interference has stopped.

Manual Clock Setting

If 20 minutes after power up your clock has not successfully received the time signal, you may set the clock manually or the clock will continue an automatic search each 3 hours until the signal is received. Best reception of the WAVE is during the nighttime when the atmosphere allows a stronger signal to travel farther from the transmitter. It is strongly recommended that you allow the radio controlled clock one or two evenings to automatically catch the WAVE and set itself.

If you decide to manually set the clock, please follow these easy steps :

1. Slide the switch to TIME SET and the time will flash on the display. Press the HR and MIN buttons until you reach the desired time.
2. Slide the switch to calendar and the year and date will flash on the display. Press the YEAR, MONTH and DATE buttons until you reach the desired calendar setting.
3. Slide the Switch to the LOCK Position.
4. Press the 12HR/24HR button to choose the desired display format. "AM" and "PM" display only in the 12HR format.
5. Press the °C/°F button to choose the Centigrade or Fahrenheit scale. Both the indoor and outdoor temperature will display in the chosen scale.

Note : The display on the remote unit can also show Centigrade or Fahrenheit independent of the temperature scale chosen for the clock display.

Wall Mounting or Using the Stand

The main unit has a built in stand you can flip open to support the main unit on a flat surface. You can close the flip and mount the unit on a wall. Drive a screw into the wall until the head extends about 1/8 inch from the wall, then locate the keyhole slot over the screw head and slide the Radio-Controlled Clock down to make it secure.

