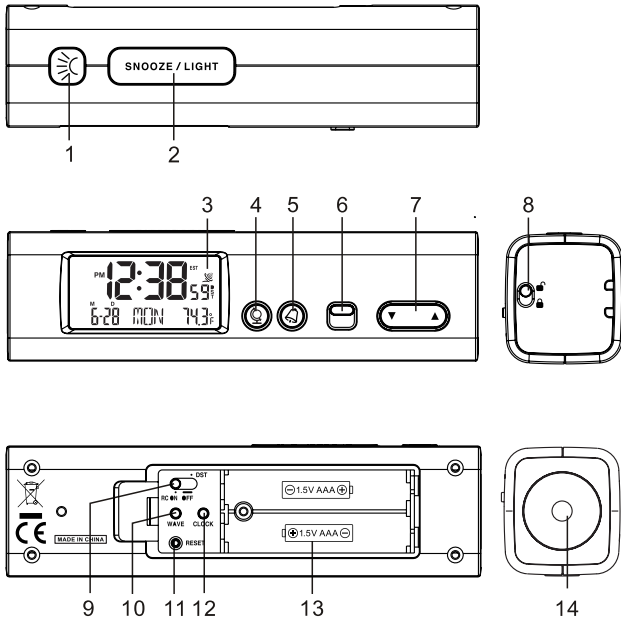


MARATHON COMPACT ATOMIC WORLD
CLOCK WITH LED EMERGENCY LIGHT

SERIES MODEL CL030045

Please read the instructions carefully and keep the manual for future reference.

1. BUTTONS AND DISPLAY FUNCTIONS

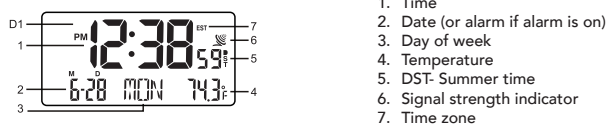


1. FLASHLIGHT button- turn on or off for flashlight
2. SNOOZE/LIGHT button- activate backlight appx 5 sec) and pause the alarm for 5 min
3. LCD display
4. MODE button switch-displays alarm time(5 sec) and enter the alarm setting
5. ALARM button- displays alarm time (5 sec) and enter the alarm setting
6. ALARM slide switch- to turn on or off
7. UP/DOWN buttons- to increase/decrease the current set values or to switch cities eastward or westward
8. LOCK switch-enable or disable all buttons(except RESET and ALARM
9. RC ON / OFF / DST slide switch- activate or deactivate radio signal with the summer time option
10. WAVE- start / stop the radio reception process manually or to switch between °C and °F
11. RESET - restore factory settings
12. CLOCK - set the time manually
13. BATTERY compartment
14. LED flashlight

NOTE: Buttons will not function if the LOCK switch is enabled.

Displays:

D1: Normal basic display



D2: Home time/ city display:



D3: World time/ city display:



2. GETTING STARTED

- Remove the battery door
- Insert two new AAA batteries as per the polarity marked on the battery compartment
- Replace the battery door
- Once the battery is installed, the normal segments of the LCD will be shown before entering the radio controlled (RC) time reception mode.
- The RC clock will automatically start scanning for the radio controlled time signal in 8 seconds

If no display appears on the LCD after inserting the battery, press the "RESET" button by using the metal wire. In some cases, you may not receive the signal immediately. Due to the atmospheric disturbance, the best reception often occurs during the nighttime.

3 (A). ATOMIC CLOCK SETTING

3.1 Automatic setting by radio signal reception

- After insertion of batteries, the unit automatically starts to search for the WWVB radio controlled signal, as indicated by the flashing "signal tower" icon.
- When the radio signals received, the time and date will be set automatically.

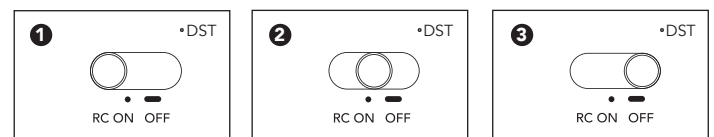
The signal indicator icon signal strength in 4 levels:

Signal Tower	Strength
	No response/ no signal
	Weak signal quality
	Fair signal quality
	Excellent signal quality

Notes:

- Everyday at 2:00 am , the unit automatically carries out the synchronization procedures with the WWVB signal to correct a any deviations to the exact time. If the attempt is not successful, the "signal tower" icon will disappear from display, and the unit will automatically attempt another synchronization at 3:00 am. This procedure is repeated automatically again at 4:00am if necessary.
- Each synchronization process will take between 3 to 16 minutes, depending on the signal strength received. If no signal is detected, the unit will automatically exit the process in 6 minutes.
- Once the unit is synchronized successfully to the WWVB radio signal, the "signal tower" icon will be turned on until 2:00 am of the following day.
- The unit also conducts periodic checking of WWVB radio signals at 8:00am, 2:00pm, and 8:00pm. Any successful attempts at these three hours will lead to the continuous on of "signal tower" until 2:00 am, of the following day.
- To manually start the WWVB signal reception, press the WAVE button. User may also cancel the process by pressing the WAVE button again.

3.2 Activating / Deactivating radio signal and summer time



1. Move the RC ON / OFF / DST to the RC ON position (left) to allow continuous atomic synchronization with the radio signal.
2. Move the RC ON / OFF / DST to the OFF position (middle) to deactivate the automatic synchronization without summer time.
3. Move the RC ON / OFF / DST to the DST position (right) to activate the automatic synchronization and to activate the summer time.

Users can use these settings to turn off the RC when they are in regions where they cannot or are not permitted to receive a radio signal . The changeover of summer time will be based on the manually set time and date, and on cities that implement summer time.

3(B). MANUAL CLOCK SETTING

3.1 Time zone and manual clock setting (normal time)

Your clock is designed to display time for different time zones. You can set your time zone manually and the time will be adjusted accordingly.

Abbreviation	Time Zones
AST	Standard Time Zone
PST	Pacific Standard Time Zone
MST	Mountain Standard Time Zone
CST	Central Standard Time Zone
EST	Eastern Standard Time Zone

- While the clock is in normal display mode (D1), press and hold the **CLOCK** button 2 sec until the time zone begins to flash.
- Set the following information in the order listed below:
 - Time zone
 - Year
 - Month-Day / Day-month Format
 - Month
 - Date
 - 12/ 24 hour format
 - Hours
 - Minutes
 - Seconds (set to zero)
 - Day of the week language selection
 - DST AUTO / Off selection
- To set each individual value, press the **UP** and **DOWN** button, and confirm each selection by pressing the **CLOCK** button immediately to adopt the displayed value if no change is required and to skip ahead.

Notes:

- If no entry is made, the clock will automatically exit the clock setting mode after 30 sec.
- Display language selection of the day of the week: English (GB), French (FR), German (DE), Spanish (ES), and Italian (IT).

4. HOME TIME/CITY AND WORLD TIME/CITY

4.1 Home time/city

- Press the **MODE** button until the home time " ^{HOME} TIME " is displayed (D2). The default home city is Washington (WAS).
- To change the home city, press and hold the **MODE** button for 2 sec until the home city begins to flash.
- Press the **UP** and **DOWN** button to change the name of your city, and confirm your selection by pressing the **MODE** button.

Please refer to the following table for the selection of cities, including city abbreviation, time difference to UTC, and ability of summer time feature (DST).

4.2 World time/city

- Press the **MODE** button until the home time " ^{WORLD} TIME " is displayed (D3). The default home city is Washington (WAS).
- To view the time for different world city, and confirm your selection by pressing the **MODE** button.

Please refer to the following table for the selection of cities, including city abbreviation, time difference to UTC, and ability of summer time feature (DST).

City Abrv.	City	Time difference UTC	DST	Time Zone	City Abrv.	City	Time difference UTC	DST	Time Zone
LIS	Lisbon	0	✓		RGN	Yangon	+6,30		
LON	London	0	✓		BKK	Bangkok	+7		
BCN	Barcelona	+1	✓		KUL	Kuala Lumpur	+8		
PAR	Paris	+1	✓		SIN	Singapore	+8		
BRU	Brussels	+1	✓		HKG	Hong Kong	+8		
AMS	Amsterdam	+1	✓		BJS	Beijing	+8		
LUX	Luxembourg	+1	✓		TPE	Taiwan	+8		
BRN	Bern	+1	✓		SEL	Seoul	+9		
MIL	Milan	+1	✓		TYO	Tokyo	+9		
OSL	Oslo	+1	✓		ADL	Adelaide	+9,30		
CPH	Copenhagen	+1	✓		SYD	Sydney	+10		
ROM	Rome	+1	✓		GUM	Guam	+10		
BER	Berlin	+1	✓		NOU	Noumea	+11		
PRG	Prague	+1	✓		WLG	Wellington	+12		
VIE	Vienna	+1	✓		PPG	Pago Pago	-11		
STO	Stockholm	+1	✓		HNL	Honolulu	-10		
ATH	Athens	+2	✓		ANC	Anchorage	-9	✓	AST
HEL	Helsinki	+2	✓		YVR	Vancouver	-8	✓	
JNB	Johannesburg	+2			SFO	San Francisco	-8	✓	PST
IST	Istanbul	+2	✓		LAX	Los Angeles	-8	✓	PST
CAI	Cairo	+2			DEN	Denver	-7	✓	MST
JRS	Jerusalem	+2	✓		MEX	Mexico City	-6	✓	
JEB	Jebbah	+3			CHI	Chicago	-6	✓	CST
THR	Tehran	+3,30	✓		MAI	Miami	-5	✓	EST
MOW	Moscow	+4			TOR	Toronto	-5	✓	
DXB	Dubai	+4			WAS	Washington	-5	✓	EST
KBL	Kabul	+4,30			NYC	New York City	-5	✓	EST
KHI	Karachi	+5			CCS	Caracas	-4,30		
MEL	Male	+5			YYT	St. John's Newfoundland	-3,30	✓	
DEL	New Delhi	+5,30			RIO	Rio de Janeiro	-3		
DAC	Dhaka	+6			RAI	Praia	-1		

Table: City with abbreviation, time difference to UTC, summer time availability and US time zone.

5. ALARM



- Alarm time mode
- Alarm time
- Alarm on icon

5.1 Setting the alarm

- Press the **MODE** button until the normal time is displayed (D1)
- Press and hold the **ALARM** button for the 2 sec until the hours begin to flash.
- Set the alarm time in the following order as listed
 - Hours
 - Minutes

Note:

- If no entry is made, the clock will automatically exit the alarm setting mode after 30 sec.

5.2 Using the alarm

- Slide the **ALARM** switch upward/downward to turn on/off the alarm, as indicated by the red or black surface respectively. Alarm time will be displayed when it's activated.
- The beeping will start at the alarm time and continue to beep for 60 sec. The alarm beeping will automatically stop after this and start beeping again at the same time on the following day.
- To snooze or temporarily pause the alarm beeping, press the **SNOOZE / LIGHT** button.

6. TEMPERATURE DISPLAY

Your clock is designed to display time for different time zones. you can set your time zone manually and the time will be adjusted accordingly.

Note:

- When the temperature is displayed in °F by default. User may hold the "WAVE" button for 3 seconds to switch between °F and °C readings.

7. BATTERY REPLACEMENT

When the LCD becomes dim, it indicates that the battery power is not enough. You should replace the with ZAAA size batteries at once.

Notes:

- If the clock is not used for a long time, please remove the batteries.
- Attention! Batteries should not be exposed to excessive heat such as sunshine, fire or the like. Please dispose of used unit or batteries in an ecologically safe manner.

8. SUGGESTION AND TROUBLESHOOTING

Please make sure you read the instructions before operating this compact clock. We have developed this sophisticated instrument for the best reception performance. However, signal from the US Atomic Clock transmitter in Colorado may be weakened by or affected by various causes over it's transmission range before reaching your unit. We advise you note the following:

Notes:

- If the unit has trouble receiving the signal, try a different location, ideally near a window.
- Always place the unit away from interfering sources, such as a TV or computer etc.
- Avoid placing the unit near or onto metal plates.
- Closed areas, such as basements, airports, tower blocks or factories are not recommended areas.
- Do not start reception in moving vehicles such as cars or trains.
- Electrical storms between you and Colorado may interfere with the signal.

WARRANTY

Marathon Watch Company warrants this item to be free from defects in material and workmanship under normal use in accordance with care and usage instructions for 2 years from date of purchase from an authorized retailer. This warranty excludes damage from misuse, abuse or any irregular application. Return the item to us properly packaged accompanied with the original bill of sale. Please contact Customer Service at 1-800-822-4329 to obtain the shipping address. If we confirm a defect, we will replace it with the same item or one of similar value and return it to you at no charge.

Marathon Watch Company Ltd.
www.MarathonWatch.com
Customer Service: 1-800-822-4329

Designed in Canada / Conçu au Canada
Made in China / Fabriqué en Chine



2 YEAR
warranty
Garantie
de 2 ANS