

W113, W102, and ML001 INSTRUCTIONS MANUAL

[Click here to Return to the Instructions Page](#)

Table of Contents

Features and Specifications

Regular Display & Button Operations

Care of your Watch

Modes

How to Adjust Normal Time (Manually)

How to Set Alarm

How to Turn on / off Alarm

How to Operate Countdown Timer

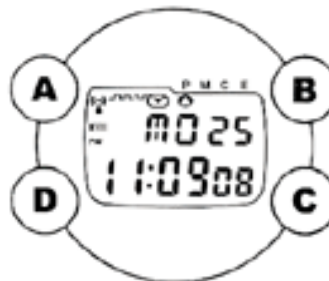
How to Operate Stop Watch

How to Adjust Time Zone

Summer Time

Receive Mode

Disclaimer



Button Position Key

Features and Specifications

1. 10 digit display: Hour, Minute, Second, Day and Day of Week.
2. Radio controlled time with manual setting option.
3. Alarm "AL".
4. Countdown timer "TR".
5. 1/100 second stop watch "ST"
6. EL Backlight
7. Automatic change over to summer / winter time.
8. Normal operation temperature range: 0°C ~ 50°C.
9. Battery: 3V Lithium Battery (CR1620).

Regular Display & Button Operation

***Please refer to the corresponding display model and button positions before operation.**

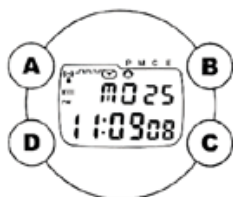
Button Operation:

(A) Light

(B) Set

(C) Mode

(D) Receive





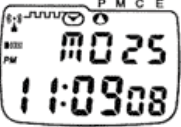
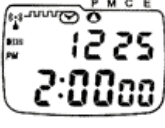
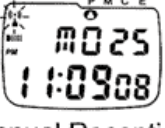


Care of you Watch


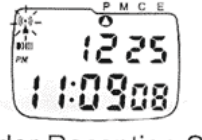



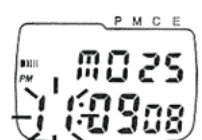
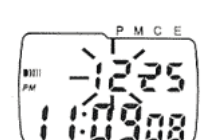
1. This watch contains precise electronic components, Never attempt to open the case or remove back cover.
2. Should water or condensation appear in the watch, immediately have the watch checked. Water can corrode electronic parts inside the case.
3. Do not operate push buttons below water surface. The watch is not water proof.
4. Avoid exposing the watch to temperature extremes.
5. Avoid severe collision. The watch is designed to withstand impact under normal use. It is unadvisable to subject it to rough usage or to drop it onto hard surfaces.



6. Keep your watch away from strong electronic fields and static electricity.
7. Clean the watch with a soft cloth only. Avoid using chemicals, especially soap.

Modes

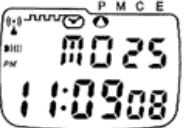




1	 <p>Normal Time Display</p>	-Press C to proceed to next Mode
2	 <p>Alarm Mode " AL "</p>	-Press C to proceed to next Mode
3	 <p>Countdown Mode " TR "</p>	-Press C to proceed to next Mode
4	 <p>Stop Watch Mode " ST "</p>	-Press C to proceed to next Mode
5	 <p>Normal Time Display</p>	-Press C to proceed to next Mode
6	 <p>Month / Day / Year Appear For 3 Seconds Return Back To Normal Time Display</p>	-Press B (Under Radio Controlled Mode)
7	 <p>Manual Reception The Icon " () " Flash</p>	-Press D & Hold for 3 Seconds -Press C to return to 1

How to Adjust Normal Time (Manually)

1	 <p>Normal Time Display</p>	-Press D & Hold for 3 Seconds
2	 <p>Under Reception Status The Icon " (⋅) " Flash</p>	-Press D Again & Hold for 3 Seconds (During Reception)
3	 <p>User Setting Mode The Icon " (⋅) " & " ☉ " Disappear</p>	-Press B & Hold for 3 Seconds
4	 <p>" Second " Flash</p>	-Press D: Resets Seconds -Press B: Advance to next step
5	 <p>" Minute " Flash</p>	-Press D: Adjusts Number -Press B: Advance to next step
6	 <p>" Hour " Flash</p>	-Press D: Adjusts Number -Press B: Advance to next step
7	 <p>" Month " Flash "</p>	-Press D: Adjusts Number -Press B: Advance to next step
8		-Press D: Adjusts Number -Press B: Advance to next step





	 <p>" Day " Flash</p>	
9	 <p>" Weekday " Flash</p>	<p>-Press D: Adjusts Day -Press C: Finishes Manual Time Setting</p>

How To Set Alarm




1	 <p>Normal Time Display</p>	<p>-Press C to proceed to next Mode</p>
2	 <p>Alarm Mode</p>	<p>-Press B to Start Alarm Setup Process</p>
3	 <p>Alarm Setting Mode " Minute " Flash</p>	<p>-Press D: Adjusts Number -Press B: Advance to next step</p>
4	 <p>" Hour " Flash</p>	<p>-Press D: Adjusts Number -Press B: Advance to next step</p>
5	 <p>Setting Complete</p>	<p>-Press C three Times to Return to Normal Mode</p>

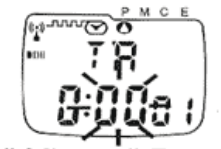




How to Turn On / Off Alarm

--	--	--

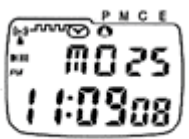

1	 <p>Normal Time Display</p>	-Press C to proceed to next Mode
2	 <p>Alarm Mode (Alarm On) The "■■■■" Icon Appears</p>	-Press D Turns Alarm on / off
3	 <p>The "■■■■" Icon Disappears (Alarm Off)</p>	-Press C three Times to Return to Normal Mode
4	 <p>Normal Time Display</p>	-Normal Mode

How to Operate Countdown Timer


1	 <p>Normal Time Display</p>	-Press C two Times
2	 <p>Countdown Timer Mode</p>	-Press B: to Start Setting Countdown Timer
3	 <p>Countdown Setting Mode " Second " Flash</p>	-Press D: Adjusts Number -Press B: Advance to next step -Press C: Completes Countdown Setting jump to step 6
		-Press D: Adjusts Number -Press B: Advance to next step

4	 <p>" Minute " Flash</p>	<p>-Press C: Completes Countdown Setting jump to step 6</p>
5	 <p>" Hour " Flash</p>	<p>-Press D: Adjusts Number -Press B: Advance to next step -Press C: Completes Countdown Setting jump to step 6</p>
6	 <p>Setting Complete</p>	<p>-Press D: To Start Timer</p>
7	 <p>Start</p>	<p>-Press D: To Stop Timer</p>
8	 <p>Stop</p>	<p>-Press C two Times to return to Normal Mode</p>


How to Operate Stop Watch

- 1  **-Press C three Times**
Normal Time Display
- 2  **-Press D Starts Stop Watch
-Press C Return to Normal Mode (step 1)**
Stop Watch Mode
- 3 **-Press D Stops Stop Watch (see step 4)
-Press B Lap Start (see step 6)
-Press C Return to Normal Mode (step 1)**

- 4




Start
- 4




Stop

-Press B Resets Lap (see step 5)
-Press C Return to Normal Mode (step 1)
- 5




Reset

-Press C Return to Normal Mode (step 1)
- 6



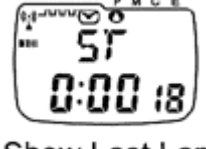
Lap Start

-Press D Lap Start (see step 7)
-Press C Return to Normal Mode (step 1)
- 7



Lap Stop


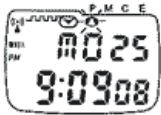
-Press B Show Last Lap (see step 8)
-Press C Return to Normal Mode (step 1)
- 8


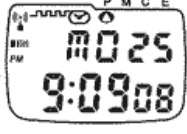


Show Last Lap

-Press B Reset (see step 5)
-Press C Return to Normal Mode (step 1)

How to Adjust Time Zone

1	 <p>Normal Time Display</p>	<p>-Press B & hold for 3 Seconds</p>
2	 <p>Time Zone Setting Mode Time Zone Indicator " " Flash</p>	<p>-Press D to advance the timezone</p>

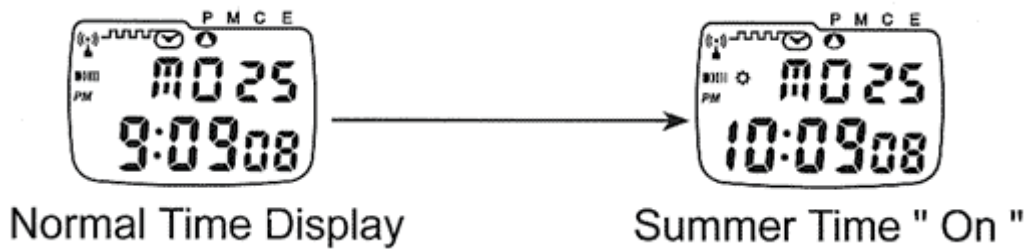
3		-Press C to return to Normal Time
4	 Normal Time Display	-Normal Time

" P = Pacific " / " M = Mountain " / " C = Central " / " E = Eastern "

*the function is subject under Auto Receive Mode

(The icon "  " & time zone indicator "  " appear)*

Summer Time

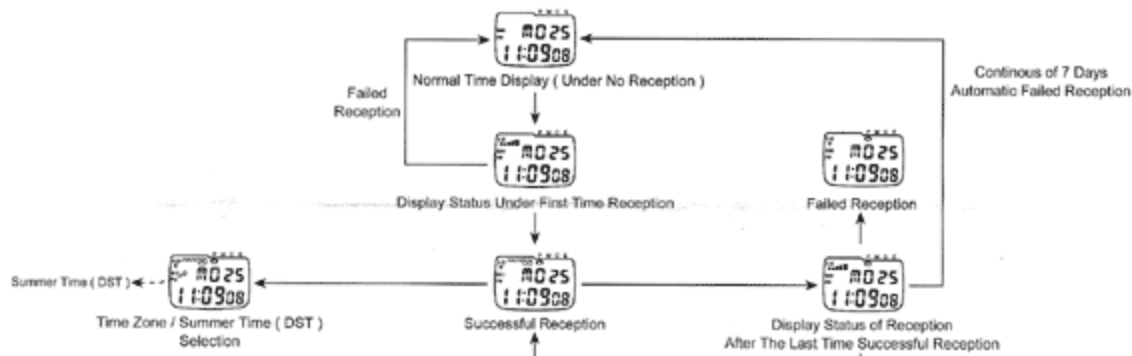


*the function is subject under Auto Receive Mode














(The icon "  " & time zone indicator "  " appear)*

Receive Mode

This watch has a built-in receiver to pick up the time signal broadcast from the U.S. Atomic Clock (WWVB), which is operated by the National Institute of Science and Technology (NIST). It is located near FT. Collins, Colorado and transmits its signal around 2000km. This watch is designed to receive the signal automatically once a day at 3.00a.m. (local time) to synchronize with the National Standard Time.



Click For a Larger View

- The icon "  " will be flashing during the period of reception
- "4 stage signal strength level bar " shows the status of signal strength during reception.
 "  " Weakest / "  " Weak / "  " Strong / "  " Strongest
- Reception Status:
 1. Successful Reception
 The "  " icon is frozen, successful reception icon "  " and time zone indicator "  " appear.
 2. Failed Reception
 The "  " icon is frozen, successful reception icon "  " does not appear and time zone indicator "  " appear. If the automatic reception fails for consecutive 7 times, the signal icon "  " and the time zone indicator "  " will disappear.
- Automatic reception will activate once after the battery is replaced.
- Apart from automatic reception, manual reception is also provided by pressing " D " & hold for 3 seconds.
- It takes 3-5 minutes to complete reception.
- During reception if the "LIGHT" button is pressed or the alarm sounds, it may take longer to complete reception.

Remark: At times your watch may be placed in a position where signal reception becomes difficult due to interference. Such interference can be due to electrical appliances such as refrigerators, televisions and computers, or natural events such as thunderstorms. To aid reception, it is important that you leave your watch on a non-metallic surface, and positioned at least 3 meters from any sources of electromagnetic interference. If possible, place your watch near a window, point the strap in the direction of Colorado. This will further increase the watch's reception ability.

Disclaimer

This device complies with Parts 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. The limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

~Reorient or relocate the receiving antenna.

~Increase the separation between the equipment and receiver.

~Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

~Consult the dealer or an experienced radio / TV technician for help.

Atomic Time Disclaimer Information

~Repair Information

~Return Information