

INSTRUCTIONS

ANALOG ATOMIC WATCH

Our innovative timepieces incorporate a miniature antenna and advanced receiver technology to intercept the U.S. government's time signal, broadcast from the WWVB radio station in Fort Collins, CO.

The time is generated from the U.S. atomic clock, which is operated in Boulder, Colorado, by the National Institute of Standards and Technology - NIST (www.NIST.gov).

Your watch automatically sets itself and precisely synchronizes with the NIST time signal each day. Our technology also performs internal checks to calibrate the quartz oscillator and maintains extraordinary accuracy, even when the signal is not received every day. This feature ensures continued accuracy and synchronization even when traveling outside North America. These watches will always be more precise than ordinary quartz watches.

OPERATION:

Time: Your watch shows hours, minutes and seconds.

Your watch comes **set to Pacific Time**; if you live in a different time zone, you will have to reset the watch to your applicable time zone.

Date: To show the date, push the crown briefly and release it. You will see the second hand move quickly, briefly halt at the 12 o'clock or 6 o'clock position, and then stop at the current date position. If your watch does not have a dedicated date scale 1 to 31 just take the seconds scale. The second hand remains in this position until the actual time has caught up.

Setting the Time Zone

Pull out the crown (2 clicks) and turn it clockwise to advance the hour hand one full hour at a turn. You need to turn once for Mountain, twice for Central, and three times for Eastern Time. Then push in the crown again.

In this way you also can change to any time zone in the world. Our technology maintains the accuracy of the minutes and seconds while traveling outside the U.S., as your watch will not receive the signal outside the continental U.S.

NOTE: You can only adjust the hour hand forward, not backward. So if you need to adjust x hours back you would need to turn 12 - x times clockwise.

NOTE: The date in your watch will change at midnight Pacific Time.

Reception Check: Your watch will automatically search for a signal at 1:00 a.m. local time every day. However, if you want to ensure that your watch has received the signal, do the following: press the crown once and release quickly. If the second hand pauses at the 12, before going to the date, the signal has been received. If the second hand pauses at the 6 o'clock position, this indicates that the last reception was not successful. For a better chance of catching the signal in this case, it is suggested that you place your watch in a window, preferably facing Colorado, overnight. With our technology your watch does not need a reception every day to stay precise to the second.

Just in case

TROUBLESHOOTING:

Your watch is a very delicate and precise instrument. Although very unlikely, hard knocks or vibrations may cause the second hand to move irregularly and consequently, produce wrong readouts, even though the internal clock is keeping accurate time. This is noticed when you check for the date and find it off or if the second hand does not pause exactly at the 12 or 6 o'clock position when pushing the crown shortly.

Only then the 12 o'clock reference point has changed and has to be re-calibrated:

Push and **hold** the crown firmly. The second hand moves and stops 3 times (for internal checks). **DO NOT LET GO.** Continue to hold the crown until the hands start to move quickly. **Now release the crown.**

All hands will now move fast to 12:00 Pacific (1:00 Mountain, 2:00 Central, 3:00 Eastern) Time.

A: If second and minute hands stop at exactly 12 o'clock:

Do not press the crown again. Your watch is not de-calibrated. It is now looking for the signal from the U.S. atomic clock to get the actual time. This will take a few minutes. After this, all hands will move to the correct time.

B: If second and minute hands do not stop exactly at 12 o'clock:

The second and minute hands need to be moved to the 12 o'clock position.

Press and release the crown once and the second hand will move 1 second at a time.

If the hands are far off the 12 o'clock position, press and hold the crown for about 4 seconds and the hands will go into a fast steady movement. To stop the fast movement, press the crown once. Stop the fast movement early enough before the second hand reaches the 12 o'clock position, and then move the second hand one at a time to 12.

After all hands are at the 12 o'clock position, do not press the crown again; let the watch set itself to the time.

NOTE: If you accidentally got past the 12, start this process again. But now move only the second and minute hands to 12 and move the hour hand to 12 by pulling out the crown and turn it.

Now the watch initiates a reception and after receiving a time protocol, the watch will set itself to the correct time. You might have to set to your time zone. Please refer to section "Setting the Time Zone".