Instructions

Digital Atomic Watch

Introducing sʏɴᴄ|ᴛɪᴍᴇ™ **by ARCRON the world's most accurate time keeping technology**

This wrist watch is a radio-controlled watch with SyncTime technology. A quartz oscillator, like most other modern clocks drives it. It has a built-in receiver to pick up the time signal broadcast from the U.S. Atomic Clock, which is operated by the National Institute of Science and Technology (NIST). This time protocol performs an internal check and, should any changes be necessary (e.g. Daylight Saving Time), corrects its internal time immediately. This check is carried out every day.

This precise time information is also used to calibrate the internal oscillator, a feature only found in SyncTime time pieces. For these time pieces it is sufficient if a signal is received only every now and then. This gives you the added advantage of having the precise time even when traveling outside North America. SyncTime time pieces still run much more accurate than ordinary quartz clocks or even other radio-controlled clocks.

Functions

Your Chrono offers the following features:

1. Local Time in hours/minutes/seconds + Time Zone Indicator
   Date as Day of the week/month/day or World Time as UTC in h/min
2. Alarm

3. Date Alert
   The date alert is a silent alarm that flashes on the watch display on the day set, it continues to flash the entire day.

4. Time Zone display in three different ways:
   - indicator pointing to Time Zone in map
   - deviation from UTC in hours
   - Local Time in h/min/sec
     (manual adjustment to Daylight Saving Time possible)

5. Stopwatch functions in three different ways:
   - Elapsed time
   - Split time
   - Lap time

6. Low battery warning

7. Light-up dial

8. Radio signal reception checks automatically or manually

General information

All data on display except stopwatch time may be changed. We differentiate between a short and a longer push (pressing longer than 2 seconds). A longer push activates a set mode, which is confirmed by a short beep.

A low battery is indicated by a blinking battery symbol.

Light up the dial by pressing button B (LIGHT) shortly to light up the dial for 3 seconds. Keep the light on by keeping the button pressed.

Radio reception signal check is indicated by a triangle appearing on the left of the radio tower symbol.

The watch automatically receives a time protocol

- daily at 1:00 a.m. local time
- manually after pressing button E for longer than 2 seconds in mode 1.

To switch between the 5 modes push always A (MODE). The data displayed on the LCD differs with each mode

When in mode 2, 3, or 4, the watch automatically returns to mode 1 (basic mode) after ten seconds after the last activity.

Multi-purpose display

Chrono flag

Main display
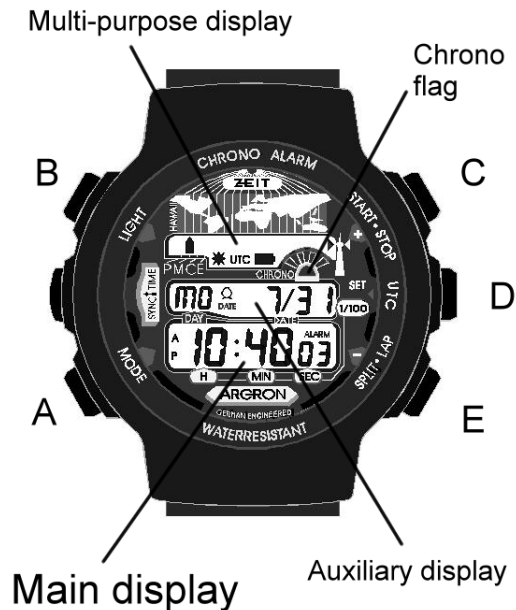
Auxiliary display

Mode 1 (basic mode)

Main display

Time

Local time display is the standard display. Time on the display is shown in the 12-hour format: symbols "A" for A.M. and "P" for P.M.

Alarm

If the alarm is activated, "ALARM" appears above the seconds display.

Auxiliary display

You can set your watch to display either the date, or UTC time by pressing the "D" button shortly.

Mode 2 (setting the alarm)

In Basic Mode, press button "A" once. Display then shows the alarm time in the main display. To set the alarm press and hold button "D" for 3 seconds. Alarm time will then flash. To set the alarm time press buttons "C" or "E" to set the alarm to the desired time. After setting the alarm to the desired time press button "D" once, and watch will return to main display.

*NOTE: setting the alarm automatically turns the alarm on.

To turn alarm on/off

Press button "A" to display alarm mode. Press button "E" to turn the alarm on or off.

To stop alarm beeping

Press any button while the alarm is beeping

Mode 3 (setting the Date Alert)

In Basic Mode, press button "A" two times. Display then shows the date. To set the Date Alert press and hold button "D" for 3 seconds. Date will then flash. To set the Date Alert press buttons "C" or "E" to set the alert to the desired date. After setting the Date Alert to the desired date press button "D" once, and watch will return to main display.
*The Date Alert is a silent alarm that flashes on the watch display on the set day, it continues to flash the entire day.

Mode 4 (setting the Time Zone)

When you receive your watch it will already be set to Eastern Time Zone. All time deviation is shown in the auxiliary display according to UTC time. For instance, Eastern time zone is shown as "-5h". The four US time zones are indicated on the left hand side of the world display, and are abbreviated using "P" for Pacific, "M" for MOUNTAIN; "C" for Central, and "E" for Eastern.
Changing the time zone
In Basic Mode, press button "A" three times. Display then shows the time in the main display, and deviation from UTC in auxiliary display. Press and hold button "D" for 3 seconds. The auxiliary display will begin to flash. To change the time zone press buttons "C" or "E" to set the watch to the desired time zone. After setting the time zone press button "D" and the watch will return to main display.

Mode 5 (using the stopwatch feature)

The stopwatch operates in three modes: Elapsed Time, Split Time, or Lap Time.
Seconds are displayed in the main display, and the 1/100 seconds in the auxiliary display.

Using the stopwatch
In Basic Mode, press button "A" four times. Display then shows the stopwatch display which indicates "0:00:00".
To select Split Time or Lap Time press button "E" while in stopwatch mode. Elapsed Time is available in both modes.

Elapsed Time
Press button "C" to start the stopwatch. Press button "C" to stop the stopwatch. Press button "E" to clear the screen to all zeros.
*NOTE: stopwatch will continue to run even if the mode is switched. Stopwatch should be stopped and cleared before switching back to other modes.

Split Time
Press button "C" to start the stopwatch. Press button "E" when the first finisher comes in or the first time is up. Read time. Press button "C" when 2nd finisher comes in or the second and final time is up. Press button "E" to view time of second finisher, or second time. Press button "E" again to clear the screen to all zeros.

Lap Time
Press button "C" to start the stopwatch. Press button "E" to stop first lap and read out results. The stopwatch continues to keep time internally. Press button "E" again for 2nd lap read-out. Stopwatch will continue to run internally. (You can repeat the above steps as many times as desired.) Press button "C" to stop watch. Press button "E" to clear screen to all zeros.