

# INSTRUCTION MANUAL

## SM34054 Limited Edition Calibre ETA E48.341

Thank you very much for buying a SWISS MILITARY BY CHRONO watch. Our watches are made in Switzerland and bear the I «SWISS MADE» seal of approval. We guarantee Swiss precision that serves tradition, innovation and competence. Your Limited Edition is a sporting, multifunctional watch with innovative technology. Apart from showing the time in an analogue form, it also has various extra digital displays. The following functions can also be activated by simply pressing the pushers: weather, altimeter, chronograph, alarm, timer, time zones and thermometer.

### Important notice

Only authorised CHRONO AG service centres may be entrusted with any service work.

Chrono AG  
Service Center  
Weissensteinstrasse 49  
CH-4502 Solothurn  
Switzerland

### Weather

Changes in the weather are associated with changes in the atmospheric pressure. The watch measures these changes in pressure and indicates weather trends using the hands. Depending either on how the weather will develop, the hands point towards plus (good weather) or minus (bad weather). The digital display also shows the absolute and relative atmospheric pressure in hectopascal. **More information can be found in section M.**

### Altimeter

The altimeter is an innovative function that shows the current height above sea level. The altimeter should be recalibrated regularly to ensure a precise altitude measurement. Set the altimeter to the effective height of a known point and repeat this procedure for new values. Changes in the atmospheric pressure due to sudden changes in the weather may affect the altimeter's display, even if the effective height has not changed. The accuracy of the altimeter calls for an adjustment to the geographical location (hemisphere and climate zone, section Q). **More information can be found in section L.**

### Thermometer

When in the thermometer mode, the watch shows the ambient temperature. However, the watch case is affected by your body temperature when the watch is worn and can lead to inaccurate results. To ensure an optimum measurement, take the watch off your wrist and wait for 15-30 minutes.

### Contact with water

The watch is waterproof up to a pressure of 10 bar (100 m/330 ft), but is not suitable for diving. The sensors do not work under water and there is a risk of water getting inside the watch if you press the red pushers. **Never press the push-pieces under water!**



**SWISS  
MILITARY**  
BY CHRONO

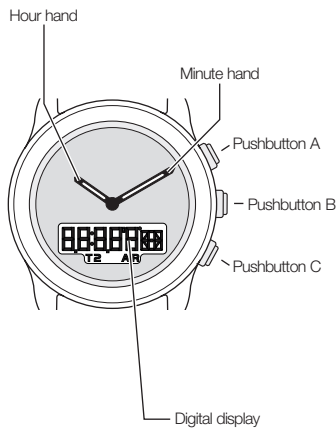











**DISPLAY**

**A**

GB USA

Watch hands



-  Altitude difference meter (option) E. O. L. End of life
-  Altimeter E. O. E. End of energy
-  Weather, absolute and relative pressure
-  Date
-  Chronometer (ADD and SPLIT)
-  Timer
-  2 alarms
-  Thermometer
-  2 Times: local + journey time



**SWISS MILITARY**  
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WWW.SWISSMILITARYTIME.CH

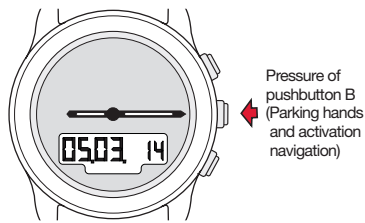
ETA E48.341

633 893 - 11.08.2015 / ETA / 00

**GENERAL OPERATION INFORMATION**

**B**

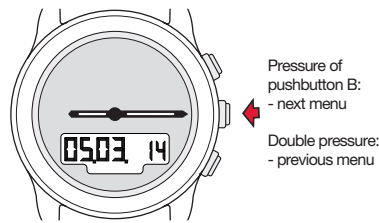
Activating the navigation



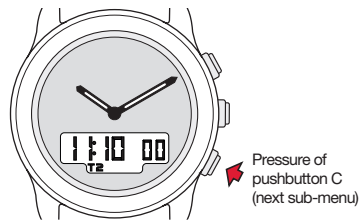
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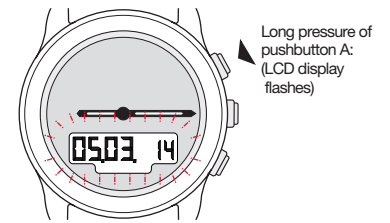
Navigating between menus



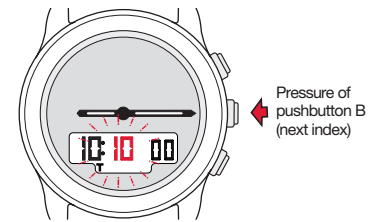
Navigating between sub-menus



Activating the correction mode



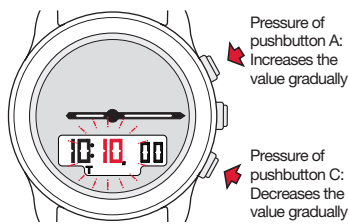
Navigating in the settings



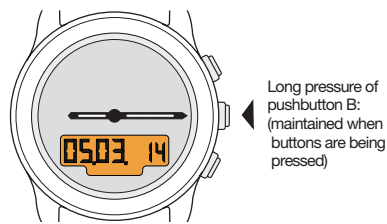
**GENERAL OPERATION INFORMATION (continued)**

**B**

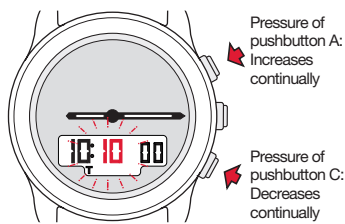
Correction mode



Activating background lighting



Rapide correction



**1** Date  
Selection mode „Chrono“  
Selection mode „Time T1“

**2** Chrono  
Selection mode „Timer“

**3** Timer  
Selection mode „Alarme 1“

**4** Alarme 1  
Selection mode „Altitude“  
Selection mode „Alarme 2“

**5** Altitude  
Selection mode „Weather relative“  
Selection mode „Altitude difference meter“ (OPTION)

**6** Weather (relative)  
Selection mode „Temperature“  
Selection mode „Weather absolute“

**7** Temperature  
Selection mode „Options“

**8** Options  
Selection mode „Date“  
Selection mode „Units“

**1.1** Time „T1“  
Selection mode „Time T2“

**4.1** Alarme 2  
Selection mode „Alarme 1“

**5.1** Altitude difference meter (OPTION)  
Selection mode „Altitude“

**6.1** Weather (absolute)  
Selection mode „Weather relative“

**8.1** Units  
Selection mode „beep“

**1.2** Time „T2“  
Selection mode „Date“

**8.2** beep  
Selection mode „sleep“

**8.3** sleep  
Selection mode „Climate zone“

**8.4** Climate zone  
Selection mode „Sync“

**8.5** Sync  
Selection mode „Options“

**Time-Out after 15 seconds:**  
Back to the mode „Date“  
(Display „analog/digital“ in accordance with the last choice).

**8.1 à 8.5 : Settings**

**CORRECTION TIME "T1"** **D**

1 Pressure of pushbutton A (display flashes)

2 Long pressure of pushbutton A: start mode settings

3 Selection „minute“  
+ 1 h  
- 1 h

4 Selection „second“  
+ 1 min  
- 1 min

5 Quit mode settings  
Seconds „00“ and quit mode settings  
Quit mode settings

**Time-Out after 15 seconds:**  
Back to the mode „Date“  
(Display „analog/digital“ in accordance with the last choice).

**CORRECTION TIME "T2"** **E**

1 Pressure of pushbutton A (display flashes)

2 Long pressure of pushbutton A: start mode settings

3 Selection „minute“  
+ 1 h  
- 1 h

4 Quit mode settings  
+ 1 min  
- 1 min

**Time-Out after 15 seconds:**  
Back to the mode „Date“  
(Display „analog/digital“ in accordance with the last choice).

**CORRECTION THE DATE (perpetual calendar)** **F**

1 Display flashes

2 Selection „month“  
+ 1 year  
+ 1 year

3 Selection „day“  
+ 1 month  
+ 1 month

4 Confirms recorded data, quit the settings menu  
+ 1 day  
+ 1 day

**Time-Out after 15 seconds:**  
Back to the mode „Date“  
(Display „analog/digital“ in accordance with the last choice).

**TIMING MODE (ADD)** **G**

ADD function

1 START

2 STOP Read

3 RUN

4 STOP Read

5 Reset to zero

**TIMING MODE (SPLITT)** **H**

SPLIT-TIME or INTERMEDIATE TIME function

1 START

2 Splitt

3 Run

4 Splitt

5 STOP Splitt (display Split)

6 STOP TOTAL (Display Stop)

7 Reset to zero

5 The split-time total is not reset so that two different times that are very close together can be measured.

**TIMER** **I**

1 START

2 STOP

3 Selection mode „Settings“ (Display flashes)

4 Selection „minute“  
+ 1 h  
- 1 h

5 Selection „second“  
+ 1 min  
- 1 min

6 Confirms recorded data, quit the settings menu. (Display stops flashing)  
+ 1 sec  
- 1 sec

**Time-Out after 15 seconds:**  
Back to the mode „Date“  
(Display „analog/digital“ in accordance with the last choice).

**ALARM 1 + 2** **K**

**1** ALARM ON

**2** ALARM OFF

**3** Selection mode „Settings“

**3** Confirms recorded data, quit the settings menu

**4** Pushbutton A: +  
Pushbutton C: -  
(Display flashes)  
„Continuous processing“ mode:  
- 1. minutes  
- 2. hours

**Time-Out after 15 seconds:**  
Back to the mode „Date“  
(Display „analog/digital“ in accordance with the last choice).

**ALTIMETER** **L**

**1** Selection mode „Settings“

**2** + 1 m  
- 1 m

**3** Confirms recorded data, quit the settings menu

**Time-Out after 15 seconds:**  
Back to the mode „Date“  
(Display „analog/digital“ in accordance with the last choice).

**WEATHER** **M**

**1** Selection mode „Settings“

**2** + 1 hPa  
- 1 hPa

**3** Confirms recorded data, quit the settings menu

**Time-Out after 15 seconds:**  
Back to the mode „Date“  
(Display „analog/digital“ in accordance with the last choice).

**ALTITUDE DIFFERENCE METER (OPTIONAL)** **N**

**1** Selection display of altitude difference meter (display changes every 3 seconds)

**2** Selection display of altitude difference meter  
Display: Elapsed time, run time, or stopped time (3 days, 18 hours, 55 minutes)

**3** Display: Total altitude gained over the elapsed time (+ 5206 m)

**4** Display: Average vertical speed during the climb over the elapsed time (62 m/min)

**5** Display: Total altitude lost over the elapsed time (26895 ft)

**6** Display: Average vertical speed during the descent over the elapsed time (303 ft/min)

**7** Back to display  
Note: The information cycles for the altitude-difference measuring function are repeated 3 times.

Pressure of pushbutton A START/STOP

Long pressure of pushbutton C RESET

The small flashing R signals that the altitude-difference measuring function is activated.

**Time-Out after 15 seconds:**  
Back to the mode „Date“  
(Display „analog/digital“ in accordance with the last choice).

**END OF LIFE (EOL)** **O**

E.O.L.

every 4 seconds

**END OF ENERGY (EOE)** **P**

E.O.E.

Once EOE mode has been reached the watch must be reset.

**Units**

- Selection mode „Units“
- Changes left option
- Confirms the new option and quits the settings menu
- Changes right option

**beep**

- Selection mode „beep“
- if off: Beeping activated
- if on: Beeping deactivated
- Confirms the new option and quits the settings menu
- if off: Beeping activated
- if on: Beeping deactivated

**sleep**

- Selection mode „climate zone“
- Long pressure: start mode „EcoBatt“
- Quit menu „Option“
- Navigation sub-menus
- Quit mode „EcoBatt“
- Quit mode „EcoBatt“
- Quit mode „EcoBatt“

**Climate zone**

- Selection mode „Sync“
- Changes hemisphere: North/South/noSET
- Confirms the new option and quits the settings menu
- Changes clima: T, M, A, tr, P

**Sync**

- Selection mode „Options“
- The minute hand corrects one step clockwise
- Confirms and starts synchronisation of the hour hand
- The minute hand corrects one step clockwise
- The hour hand corrects one step clockwise
- Confirms the new option and quits the settings menu
- The hour hand corrects one step clockwise

**Possible settings:**

- No Set: Standard atmospheric model, fixed temperature at sea level = 15° C
- North: T (temperate), M (mediterranean), A (arid), tr (tropical), P (polar)
- South: T (temperate), M (mediterranean), A (arid), tr (tropical)

**Time-Out after 15 seconds:**  
Back to the mode „Date“  
(Display „analog/digital“ in accordance with the last choice).

