

CHRONO
Bellissimo

USER MANUAL



The Eberhard & Co. watch manufactory was founded by Georges-Emile Eberhard at La Chaux-de-Fonds back in 1887. Ever since, the venture has specialised in making chronographs.

In this capacity, it has attained a highly respected position in the world of high-grade watches. With the introduction, at a later stage, of sportively elegant watches it has furthermore augmented this status of the Eberhard & Co. brand name.

Eberhard's success story is backed by consistent deployment of advanced technology, meticulous craftsmanship and, not least, by observing that long tradition of superior workmanship which has made Swiss watchmaking a household name. Today, with well over a century gone by, watches by Eberhard & Co. continue to stand for that high-grade quality and those excellent virtues which will please even the most demanding of connoisseurs.



EBERHARD & CO.
REVOLUTIONIZES CHRONOGRAPH READ-OFF

Eberhard & Co. presents CHRONO 4: the first chronograph in the history of watchmaking whose counters are arranged in one row.

It's a genuine innovation both aesthetically and functionally, and it's a real revolution also from a technical point of view.

With said counters all lined up, read-offs are obtained in a natural progression in that first we have the minutes elapsed since timing commenced, then we have the hours, all one after the other in a spontaneous, logical sequence, followed by the 24-hours indicator and the small seconds, without having to search for the separate counters on the dial and thus for the relevant readings.

Technologically speaking, the new device by Eberhard & Co. is not only the revolutionary outcome of years of research, it has endowed the whole trade with an admirable self-contained device. To really imagine the refinement of the movement, one only has to consider the 53 rubies it "works" with.

Eberhard & Co. has invented CHRONO 4 in the latest of innumerable efforts to update the measuring of time while simultaneously improving it and upholding the traditional values of the supreme art of watchmaking.

CHRONO 4: a few millimetres of counter relocation, years of research.



- A Push button to start and stop the chronograph
- B Push button for setting to zero all hands of the chronograph
- C Winding crown
- D Hours-hand of the watch
- E Minutes-hand of the watch
- F Small continuous seconds-hand

- G Centre seconds-hand of the chronograph
- H Small minutes-hand of the chronograph
- I Small hours-hand of the chronograph
- L 24-hours indicator
- M Date
- N Tachymeter scale (for models with this feature)

FEATURES

Mechanical chronograph with automatic winding and an exclusive device by Eberhard & Co. in the form of four counters aligned in one row. The crown is screwed in and water-resistant. The vaulted sapphire glass is anti-reflective (treatment on both sides) and the caseback is fixed by 4 screws. Also available with a sapphire glass case-back.

The collection is available in the following versions:

- Case in stainless steel with crocodile leather strap or with steel Chaloupe bracelet.
Water-resistant down to 5 atm.
- Case in 18 carat pink or white gold, with crocodile leather strap and 18 carat pink or white gold buckle.
Water-resistant down to 3 atm.

READING THE DIAL

On the CHRONO 4 dial there are 4 counters, arranged in one row, having the following functions:

- Small minutes-hand of the chronograph (H)
- Small hours-hand of the chronograph (I)
- 24-hours indicator (L)
- Small continuous seconds-hand (F)

DISTINCTIVE FEATURES OF THE MOVEMENT

Chronographic automatic movement, 28,800 vibrations per hour

- Micrometric regulator
- “Glucydur” balance for regulating the movement (the inoxidizable alloy of which has a low coefficient of expansion), combined with a self-compensating spiral; it is hence insensitive to temperature fluctuations and ensures an optimum regulation of the movement
- Number of rubies: 37
- 42-hours power-reserve under optimum conditions

Exclusive device by Eberhard & Co. with counters arranged in a row

- Number of rubies: 16

SEE-THROUGH CASE-BACK VERSIONS:

- Movement with blued screws. Rhodium-plated bridges and gold-plated rotor are decorated with circular-grained pattern.
- Movement with 21 carat gold rotor available upon request.

OPERATING THE CROWN



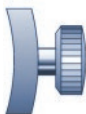
POS. A - Screwed-in crown, water-resistance guaranteed.



POS. B - HAND-WINDING OF THE WATCH – To unscrew the crown turn it counterclockwise. When it is unscrewed, turn it clockwise to transmit the manual charge to the movement. If your CHRONO 4 has not been worn for some time, the movement has to be wound manually, in order to obtain immediately a sufficient power-reserve and to ensure accurate working of the watch.



POS. C - RAPID DATE-SETTING – Pull the crown to the first catch. Turning the crown counterclockwise, you can then set desired date.



POS. D - TIME SETTING – To set the time (hours and minutes), pull the crown to the second catch.

IMPORTANT

To set back the crown, push it lightly against the watch case while turning it clockwise until it is fully screwed in again.

OPERATING INSTRUCTIONS FOR THE CHRONOGRAPH

Press the push-button **(A)** to start the chronograph mechanism. Press the push-button a second time to stop the chronograph mechanism. You can now read on the counters how many second **(G)**, minutes **(H)** and hours **(I)** have elapsed. Press the push-button again and the chronograph will restart from the intermediate stop. To return to zero, the chronograph must be in the stop position. Press the second push-button **(B)** and all hands will return to zero. You are advised not to leave the chronograph mechanism operating continuously.

PUSH-BUTTONS

Make sure push-buttons are always pressed in the following order:

(A) : start

(A) : stop

(B) : return to zero

Abide by this sequence quite severely so as to preclude damage to the mechanism.

Never make use of the push-buttons under water since they are not watertight while being pressed.

TACHOMETER SCALE (for models with this feature)

The outer rim on the dial shows the data needed for metering the speed of a vehicle over a distance of 1,000 metres. The moment the vehicle passes the first reading marking the beginning of said 1,000m distance, activate the hand **(G)** of the chronograph to bring it to a stop the moment the vehicle passes the second reading mark. Said hand **(G)** will now indicate the average speed reached in km/h in tune with the tachometer scale.

Example: when one kilometre is covered within 45 seconds, the average speed displayed by the centre seconds-hand **(G)** on the tachometer scale will be tantamount to a speed of 80km/h.

DIRECTIONS FOR USE OF WATERTIGHT WATCHES

You may wear your CHRONO 4 when in the water or when taking a shower, but it is not fit for swimming, plunging or diving activities. Important: don't activate the push-buttons nor manipulate the crown as long as the watch is in the water or wet. We strongly recommend that you have the water-resistance checked at least once a year by a qualified technical service facility in order to find out if the gaskets need to be replaced.

Founded well over a century ago in 1887, the Eberhard & Co. manufactory has since been concerned to abide by its own watchmaking philosophy.

Your “Eberhard” was likewise manufactured by us in that tradition of commitment to superior workmanship and the choicest of materials for the best possible product, and this is now confirmed by the most up-to-date technical service backed by the extreme care with which our well-trained staff have made this watch of yours to the best of their faculties.

We hereby guarantee your watch to be free from any defects in the way of materials used or workmanship in manufacture, for a period of 24 months under the proviso that the watch is maintained and handled properly. This guarantee does not cover damages incurred by faulty handling or exposure to shock or other adverse impact.

For technical revisions of the “CHRONO 4” model please contact only technical service facilities authorised by Eberhard & Co. The shipping and insurance charges are to be paid by the owner.

We recommend to have the movement checked every three years or whenever optimum functioning and precision are no longer ensured.

May your Eberhard & Co. “CHRONO 4” see you through “good times at any time”.





www.eberhard-co-watches.ch