

EBERHARD & C^o
120^e anniversaire
Manufacture Suisse d'Horlogerie 1887-2007

USER MANUAL

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EBERHARD & C^o
Manufacture Suisse d'Horlogerie depuis 1887

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 the making of 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.



2007 is the year of the 120th Anniversary, an important date that celebrates an illustrious history, crowned with steady successes.

For this very special occasion, the Maison presents an exclusive chronograph: “Chronographe 120ème Anniversaire”, a perfect synthesis of those distinctive virtues of the Maison, combining the unceasing research for perfection and the timeless elegance of its models.

Today, now more than ever, 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.



- 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. Tachymeter scale
- M. Small hand of day indicator
- N. Date

FEATURES

For its 120th Anniversary, Eberhard & Co. presents the model “Chronographe 120ème Anniversaire”, an exclusive mechanical chronograph with automatic winding and device “à came”. It has a screw-in crown , decorated with a “quadrillé” motif on its circumference, a sapphire glass domed and a sapphire glass case-back secured by 6 screws.

Available version:

- Steel case with an alligator strap and deployment clasp Déclic, or a steel bracelet “Chandelier” and deployment clasp Déclic (Patent Pending).
- Water-resistant up to 5 atm.

READING THE DIAL

On the “Chronographe 120ème Anniversaire” dial there are 3 counters which have the following functions:

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

The chronograph seconds are given by the centre-hand (G) .

The hours and minutes-hands have a sword shape and are skeleton to ensure an optimal readability of the counters.

The calendar is situated at 8 (N) .

DISTINCTIVE FEATURES OF THE MOVEMENT

Chronographic automatic movement, 28.800 vibrations/h

- Regulator for fine adjustment
- “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: 27
- 42-hours power-reserve (with non-inserted chrono)
- Skeleton rotor outlining “120”, gilt finish with “Vagues circulaires” motif, gilt engraving “120ème Anniversaire 1887-2007”
- Movement 13 1/4“ with a fine gilt finish - Rubies’ contour with 2N gilt circular engraving
- Barrel, balance bridge and platinum circular-grained
- Bridge of the automatic device bevelled and polished
- Blue screws
- The steel components of the chrono and the device “à came” are bevelled and polished.

OPERATING THE CROWN



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



POS. B – WINDING OF THE WATCH – To unscrew the crown turn it counter-clockwise. When it is unscrewed, turn it clockwise to transmit the manual charge to the movement. If your “Chronographe 120ème Anniversaire” has not been worn for some time, the automatic movement has to be winded manually, in order to obtain an immediate sufficient power-reserve and to ensure an accurate working of the watch.



POS. C – RAPID DATE AND DAY SETTING – Pull the crown to the first catch. Turning the crown clockwise you will operate for setting the desired date (N).

POS. C – Turning the crown counter-clockwise you will operate for setting the desired day (M).

POS. C – IMPORTANT: never make the correction of the date and the day between 10:00 p.m. and 1:00 a.m.



POS. D – TIME SETTING - Pull the crown to the second catch to set the time.

IMPORTANT: to set back the crown, push it lightly against the watch case while twisting is clockwise until it is fully screwed back in.

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 hours (I), minutes (H) and seconds (G) 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.

HOW TO USE THE TACHOMETER SCALE

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 mark, the beginning of said 1,000 m distance, activate the hand  of the chronograph and bring it to a stop the moment the vehicle passes the second reading mark. Said hand  will now indicate the average speed reached in km/h in tune with the tachometer scale.

Example: when one kilometre is covered within 30 seconds, the average speed displayed by the centre seconds-hand  on the tachometer scale will be tantamount to a speed of 120 km/h.

DIRECTIONS FOR USE OF WATERTIGHT WATCHES

You may wear your “Chronographe 120ème Anniversaire” when in the water or when taking a shower, but it is not fit for swimming, plunging or diving activities. Important: do not 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 “Chronographe 120ème Anniversaire” 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 two years. For our part, we shall always endeavour to give full satisfaction.

May your Eberhard & Co. “Chronographe 120ème Anniversaire” see you through “good times at any times”.



www.eberhard-co-watches.ch