

Extra - fort

Rattrapante

USER MANUAL



EBERHARD & C^o

Manufacture Suisse d'Horlogerie depuis 1887



- | | |
|--|---|
| A Start and stop push button of all the chronograph hands | F Centre red fly-back hand |
| B Push button for setting to zero all hands of the chronograph | G Hours-hand of the watch |
| C Water-resistant screw-in crown | H Minutes-hand of the watch |
| D Stop push button for red fly-back hand and to return it to position under the central chronograph hand | I Small minutes-hand of the chronograph |
| E Centre chronograph hand | L Small hours-hand of the chronograph |
| | M Small continuous seconds-hand |
| | N 1/5 second scale |
| | O Tachometer scale |

1939

Eberhard & Co. presented as an absolute innovation its first wrist-chronograph with fly-back with a movement of a very particular and sophisticated construction.

FEATURES

“Extra-fort” is the historic name, used since the ‘50s, by Eberhard & Co. to mark its own chronographs characterized by their robustness and reliability. Today, the Maison wishes to reaffirm these features by enriching the Collection “Extra-fort” with a fly-back chronograph, in a **limited edition of 333 pieces**, with a mechanical automatic-winding movement, water-resistant case in stainless steel, screw-in crown, curved sapphire glass with non-reflective treatment and transparent case-back in sapphire glass fixed by 6 screws.

The available version is:

- Case in stainless steel with strap in crocodile or bracelet in steel.
The water-resistance is guaranteed up to 5 atm.

DISTINCTIVE FEATURES OF THE MOVEMENT

Automatic fly-back chronograph movement 28.800 vibrations/h

- Micrometric index for fine adjustment
- “Glucydur” balance for regulating the movement whose inoxidizable alloy ensures an optimum regulation of the movement independently of temperature fluctuations
- Number of rubies: 31
- “Rattrapante roue à colonnes” additional device
- Bridge of the chrono and rotor “Côtes de Genève”, other bridges and platinum circular-grained
- Blue screws
- Rubies’ contour with gilt circular incision

READING THE DIAL

On the Extra-fort Rattrapante dial there are 3 counters which have the following functions:

- Small minutes-hand of the chronograph (I)
- Small hours-hand of the chronograph (L)
- Small continuous seconds-hand (M)

The chronograph seconds are given by the center-hand (E)

The chronograph seconds for intermediate times are given by the red centre-hand (F)

OPERATING THE CROWN



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



POS. B: – WINDING 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 Extra-fort Rattrapante has not been worn for some time, the automatic 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: – TIME SETTING: To set the time (hours and minutes), pull the crown to the first catch.

IMPORTANT

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

PUSH BUTTONS

The push buttons should be pressed in the following order:

To use the chronograph:

- Ⓐ Start
- Ⓐ Stop
- Ⓑ Setting to zero

To use the fly-back:

- Ⓐ Start
- Ⓓ Stop the fly-back hand (red)
- Ⓓ Pressing a second time will realign the two hands
- Ⓐ Stop
- Ⓑ Setting to zero

This order should be followed exactly to avoid damaging the mechanism.

The push buttons should not be operated in the water as water-resistance is guaranteed for normal use.

OPERATION INSTRUCTIONS FOR THE CHRONOGRAPH

Press the push button (A) to start the chronograph mechanism. Press the push button a second time to stop it. You can now read on the counters how many seconds (E), minutes (I) and hours (L) have elapsed. Press again the push button (A) and the chronograph will restart from the intermediate stop. To return to zero, the chronograph must be in the stop position. By pressing on the second push button (B), all the hands will return to zero.

OPERATING INSTRUCTIONS FOR THE FLY-BACK MECHANISM

Press the push button (A) to start the chronograph mechanism; the two superimposed hands (E) and (F) will start moving simultaneously. By pressing the push button (D), the lower red hand (F) will stop and make it possible to read the intermediate time or a double timing, while the second hand (E) continues to move. By pressing again the push button (D), the red fly-back hand (F) will instantaneously rejoin the chronograph hand (E) that is still moving.

To return to zero, the chronograph must be in the stop position. By pressing on the second push button (B), all the hands will return to zero.

Repeating more times this operation allows to read several intermediate times.

You are advised not to have the chronograph mechanism running constantly.

TACHOMETER SCALE

The outer rim on the dial shows the data needed to metering the speed of a vehicle over a distance of 1000 metres. The moment the vehicle passes the first reading marking, the beginning of said 1000 metres, activate hands **(E)** and **(F)** of the chronograph and stop them the moment the vehicle passes the second reading mark. Said hands **(E)** and **(F)** will now indicate the average speed in km/h in tune with the tachometer scale.

Example: when one kilometer is covered within 45 seconds, the average speed displayed by the center second-hands **(E)** and **(F)** on the tachometer scale will be tantamount to a speed of 80 km/h.

1/5 SECOND SCALE

Between the seconds markers on the dial, there is another subdivision that enables to read a time with a precision of 1/5 second.

DIRECTIONS FOR USE OF WATERTIGHT WATCHES

You may wear your “Extra-fort Rattrapante” 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 “Extra-fort Rattrapante” 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. “Extra-fort Rattrapante” see you through “good times at any times”.





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