

TRAVERSETOLO

USER MANUAL



EBERHARD & CO

Manufacture Suisse d'Horlogerie depuis 1887



- 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 Date
- M Tachymeter scale
- N 1/5 second scale

FEATURES

The model “Chrono Traversetolo Noir”, **realized in a limited edition of 333 pieces**, is a mechanical chronograph with automatic winding, a screw-in crown, a curved sapphire glass with anti-reflective treatment, and the case-back in sapphire glass secured by 8 screws which reveals the finely machined movement. The rotor deserves particular attention: it is entirely decorated with “Côtes de Genève circulaires” embellishments, and it is elegantly personalized with a small shield – the old symbol of the Maison – that depicts the applied letter “E” in 18 ct. gold.

Available version:

- Steel case with rubber strap
- Water-resistant up to 5 atm.

READING THE DIAL

On the “Chrono Traversetolo Noir” dial there are 3 counters which have the following functions:

- Small continuous seconds-hand (ⓕ)
- Small minutes-hand of the chronograph (ⓓ)
- Small hours-hand of the chronograph (ⓔ)

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

The calendar is situated at 3.

THE DLC PROCESS

The particular DLC – Dianoir® process used by Eberhard & Co., which the whole case of the “CHRONO TRAVERSETOLO NOIR” undergoes, consists in generating a carbon plasma that deposits itself under control and in its pure state on the steel surface. This special technique, patented, is particularly effective.

This DLC protective coating is colourless and has a three-dimensional structure like a diamond with a purity of 80 to 95%. At the moment it is applied on steel, with a thickness of more than 1,5 to 2 microns, as on the case of the model “CHRONO TRAVERSETOLO NOIR”, it turns black giving thus a decorative and pleasant look to the surface: a perfect combination of high technical research and charming aesthetics.

This process, protected by an international patent, is unique and allows the production and the deposition on surfaces of tetrahedral amorphous carbon, which is pure carbon without hydrogen. It makes the coating:

- resistant to humidity
- extremely hard 5,300 HV (nearly three times harder than alternative carbon coatings), therefore resistant to surface scratches
- perfectly adherent.

Compared to other similar applications, this surfaces' coating process is made at very low temperature and therefore allows to work on complex and finished pieces without damaging them.

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: 25
- 46-hours power-reserve (with non-inserted chrono)
- Rotor with embellishments “Côtes de Genève circulaires”
- Bridge of the chrono with “Côtes de Genève”, other bridges and platinum circular-grained
- Blue screws
- Engraved and gilt small shield’s contour and gilt engravings

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 “Chrono Traversetolo Noir” has not been worn for some time, the automatic movement has to be wound manually, in order to obtain an immediate sufficient power-reserve and to ensure an accurate working of the watch.



POS. C — RAPID DATE-SETTING — Pull the crown to the first catch. Turning the crown clockwise you will operate for setting the desired date.

IMPORTANT: Never make the correction of the date between 10 p.m. and 1 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 **(G)** of the chronograph and 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 80 km/h.

1/5 SECOND SCALE

The division on the dial of this model **(N)** enables the user to make observations not just to approximately a second, but to the order of 1/5 second.

DIRECTIONS FOR USE OF WATERTIGHT WATCHES

You may wear your “Chrono Traversetolo Noir” 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.

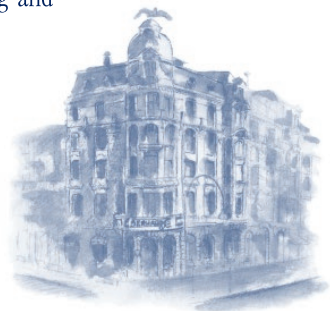
Founded well over a century ago in 1887, the Eberhard & Co. manufactory has since been concerned to abide by its own watchmaking philosophy. Your “Eberhard” was likewise manufactured by us in that tradition of commitment to superior workmanship and the choice of materials for the best possible product, 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 Traversetolo Noir” 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. “Chrono Traversetolo Noir” see you through “good times at any time”.





www.eberhard-co-watches.ch