

TRAVERSETOLO

Chrono

USER MANUAL



EBERHARD & CO

*Manufacture Suisse d'Horlogerie depuis 1887*



The Swiss Manufacture Eberhard & Co. was founded in 1887 by Georges Eberhard at La Chaux-de-Fonds.

The story is fascinating, illuminated at first by the talent and the passion of the founder, and then by the perception and endeavour of his successors. Thanks to an inclination for frequent and perfectly timed technical innovation, the name of Eberhard & Co. was bound since the beginning to become firmly established. At the beginning of last century, the most performant wrist-chronograph was signed Eberhard.

In The 1930s, when the first watch with self-winding movement was created, Eberhard chronographs were on the wrists of the officers of the Italian Royal Navy. 1935 was the year of the first outstanding two-button chronographs. 1938 marks the appearance of the first wrist chronograph with hours counter, followed by a great novelty: the Fly-Back chronograph.

Over one hundred years have gone by and now, more than ever, Eberhard & Co., with its tradition and avant-garde technique, is a prestigious symbol of the values that have made Swiss watch manufacturing unique.



# CHRONO TRAVERSETOLO

The famous Traversetolo line enters the world of chronographs, enriched with a new and precious model, "Chrono Traversetolo": a mechanical chronograph with automatic winding characterized by particularly refined finishing. The transparent case-back reveals the finely tooled movement. The oscillating mass deserves particular attention: it is entirely decorated with "Côtes de Genève circulaires" engravings and it is elegantly personalised with a small shield - the old emblem of the Maison - that shows the applied letter "E" in 18 ct gold. This wonderful timepiece is proposed in five different dial versions, one of which is a special carbon fiber variation. Available with straps in leather or rubber, and with a Chaland steel bracelet, Chrono Traversetolo is the new interpreter of Eberhard & Co. time.

## INFORMATION REGARDING THE INTERNATIONAL GUARANTEE

We hereby guarantee your Eberhard & Co. watch against any defect in manufacture or materials for a period of 24 months, subject to normal conditions of use.

This guarantee does not cover:

- damage caused by improper technical handling or by shocks
- wear of the strap, glass or any other part due to normal watch use
- eventual shipping and insurance charges.

To have your Eberhard & Co. "Chrono Traversetolo" model serviced or repaired, please contact only technical service facilities authorised by Eberhard & Co.

We recommend to have the movement checked or overhauled every 3 years on average.

We aim to your full satisfaction.



- 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 Running 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 Tachometer scale
- N 1/5 second scale

## FEATURES

The model "Chrono Traversetolo" 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.

Available version:

- Steel case with leather or rubber strap, or steel bracelet Chaland
- Water-resistant up to 50 mt.

## 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 inactive chronograph function)
- 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

## READING THE DIAL

On the "Chrono Traversetolo" dial there are 3 counters which have the following functions:

- Running 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.

## PUSH-BUTTONS

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

- Ⓐ : start
- Ⓐ : stop
- Ⓑ : return to zero

Follow this sequence correctly in order to avoid damage to the mechanism.

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

## 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” 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 it 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 second (C) 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.

## 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” when in the water or when taking a shower, but it is not fit for breath-held diving, plunging or diving activities. Important: we strongly recommend that you have the crown well tightened before possible contacts with water. Do not activate the pushbuttons nor manipulate the crown as long as the watch is wet or in the water. After using in seawater, rinse the watch under fresh water. Exposure to temperature shocks should be avoided. We 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.

## EFFECTS FROM MAGNETIC FIELDS

It is recommended that you do not leave your watch near electronic equipment (e.g. televisions - cell phones - refrigerators - microwave ovens - radio alarms etc.), which could, even at short distance, release magnetic fields capable of magnetizing several components of the mechanical movement, causing variations in operational precision. In case of magnetization, the movement must undergo a simple demagnetizing procedure.



[www.eberhard-co-watches.ch](http://www.eberhard-co-watches.ch)