

CHRONO  
4  
COLORS

USER MANUAL

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EBERHARD & CO  
*Manufacture Suisse d'Horlogerie depuis 1887*



**T**he Eberhard & Co. watch Maison was founded by Georges 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.

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.

# CHRONO 4 COLORS



The revolutionary Chrono 4 range of chronographs – exclusive Eberhard & Co. patent - now boasts the special new edition “Colors” that preserves the stylistic balance typical of the Maison Eberhard & Co. while displaying a totally innovative aesthetic characterized by a luminous touch of colour on the dial. “Chrono 4 Colors”, realized in a 600 pieces limited edition, is a lively and multifaceted model, perfect for the wrists of sportsmen.

Luminescent indexes in red, yellow, green, blue or black stand out on the black dial with “soleil” finishing. The same color is applied to the hands of the 4 small counters. The bezel has a refined black anthracite colour thanks to the use of the patented Dianoir® DLC - Diamond Like Coating process, providing superior resistance against surface scratches. Rubber has been enclosed in the construction of both the chronograph push-buttons and the time-setting crown.

With the 5 different shades of the “Chrono 4 Colors”, the Maison reflects the different aspects of the Eberhard & Co. man, refined and elegant but also enterprising and innovative.

## 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 4 Colors” 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 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 Tachometer scale

## 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 sapphire glass is vaulted with anti-reflective treatment, the caseback is fixed by 8 screws. The special sword-shaped hands and the “appliqué” hour indexes are marked by luminescence to allow read-off when it’s dark if exposed to a source of light for a sufficient period of time to allow pigments to be recharged.

The bezel is glossy with patented DLC-Dianoir® carbon treatment.

From this collection, the following version is available:

- Case in stainless steel with rubber strap or crocodile leather strap and stainless steel buckle personalised E&C or deployment clasp Déclic (Patented).  
Water-resistant to 50 m.

## READING THE DIAL

On the “Chrono 4 Colors” dial there are 4 counters, arranged in one row, with 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**
- The chronograph seconds are displayed by the centre-hand **G**

The calendar is positioned at 12 o’clock **M**

## DISTINCTIVE FEATURES OF THE MOVEMENT

Chronographic automatic movement, 28,800 vibrations per hour

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

Exclusive device by Eberhard & Co. with 4 counters arranged in a row

- Number of rubies: 16

## OPERATING THE CROWN



**POSITION A** - Screwed-in crown, water-resistance guaranteed.



**POSITION B**- **HAND-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 4 Colors” 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.



**POSITION C** - **RAPID DATE-SETTING** – Pull the crown to the first catch. Turning the crown counter-clockwise, you can then set desired date.



**POSITION 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.

## 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.

## 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 seconds **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.

## 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 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 Colors” when in the water or when taking a shower, but it is not fit for breath-held diving, plunging or scuba-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 distances, give off 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)