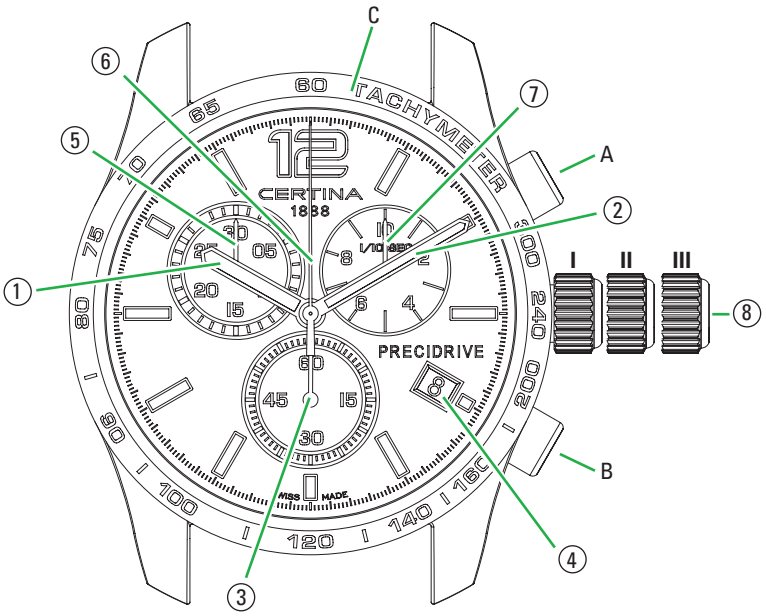
CERTINA
SWISS WATCHES SINCE 1888

PRECIDRIVE 1/10-second Quartz Chronographs

User's Manual



Display and functions

Watch:

❶ Hour hand
❷ Minute hand
❸ Seconds hand
❹ Date indicator

Chronograph:

❺ 30-minute counter hand
❻ 60-second counter hand
❼ 1/10-second counter hand

A START/STOP pusher
B SPLIT/RESET pusher
C Tachymeter scale

❽ 3-position crown:

I Rest position (screwed in*, not pulled out)
II Date setting position (unscrewed*, half pulled out)
III Time-setting position (unscrewed*, completely pulled out)

**** Models with screwed crown:***

IA Initial position (screwed in, not pulled out)
IB Neutral position (unscrewed, not pulled out)

Congratulations

We congratulate you on choosing a PRECIDRIVE chronograph from CERTINA®, a Swiss brand among the most highly renowned in the world. Meticulously assembled using high quality materials and components, it is protected against impacts, temperature variations, water, dust and also benefits from the **DS** concept.

This manual is valid for CERTINA® 1/10-second quartz chronographs equipped with the PRECIDRIVE G10 movement. For the settings and operation of your PRECIDRIVE chronograph, please refer to the instructions below.

Your PRECIDRIVE chronograph allows you to time events lasting up to 30 minutes to a precision of 1/10th of a second, and offers you the following functions:

– Standard chronograph START–STOP function
– ADD function (partial times)
– SPLIT function (intermediate times)

To ensure that your chronograph operates with perfect precision for many years to come, we advise you to pay very careful attention to the advice given in this manual.

The **DS** (Double Security) concept is characterised by:

– an extreme shock resistance to scratches and impact,
– an ultra-resistant sapphire crystal,
– a gasket inside the crown and a gasket around the winding stem guaranteeing the water resistance of the watch even when the crown is pulled out,
– a reinforced case back.

Settings

Models with screwed crown

To ensure even better water resistance, some models are fitted with a screwed crown (**8**). Before setting the time or date, you must first unscrew the crown (**8**) to position **IB**, before pulling it out to position **II** or **III.**

Important: After each operation, you must always screw the crown back in to ensure that your watch remains water-resistant. We advise against operating the crown (8) underwater.

Setting the time

Pull the crown (**8**) out to position **III**; the seconds hand (**3**) will stop, and the chronograph counter hands (**5, 6, 7**) will complete a turn of the dial (entering setting mode). Turn the crown (**8**) in either direction to the desired time, and then push it back into the rest position **I**. When the hour hand (**1**) passes the 12 o'clock position, you can see whether it is indicating midnight (the date (**4**) will change), or midday (the date (**4**) will not change).

Advice for synchronising your watch

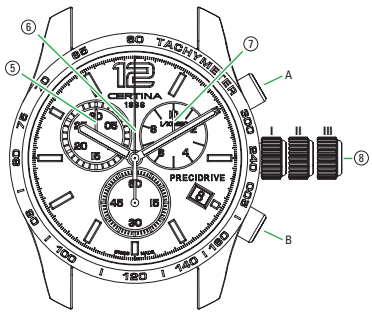
To synchronise the seconds hand (**3**) with an official time signal (radio/TV/Internet), pull the crown (**8**) out to position **III**; the seconds hand (**3**) will stop. At the audible signal, push the crown (**8**) back into the rest position **I**.

Rapid date correction

Pull the crown (**8**) out to position **II**. The chronograph counter hands (**5, 6, 7**) will complete a turn of the dial (entering setting mode). Turn the crown (**8**) anti-clockwise until the desired date is displayed.

Tachymeter (according to model)

The tachymeter allows you to measure the average speed of a moving object. Start timing by pressing pusher (**A**), and stop it by pressing pusher (**B**) once a distance of 1 km has been reached. The chronograph seconds hand (**6**) will be pointing to the tachymeter scale (**C**), indicating the speed in km/h.



Resetting the chronograph counters

If necessary, the chronograph counters (**5, 6, 7**) must be reset before starting timing. Follow the procedure below: pull the crown (**8**) out to position **II** the counter hands (**5, 6, 7**) will complete a turn of the dial (entering setting mode). Each time you press pusher (**A**), a hand will complete turn of the dial (active hand); you can then return it to its starting position by repeatedly pressing pusher (**B**).

Hand activation order:

1. 1/10-second counter hand (**7**)
2. 60-second counter hand (**6**)
3. 30-minute counter hand (**5**)

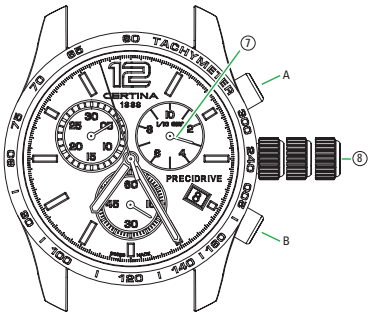


Fig. 1

Simple timing

The "**simple timing**" function enables you to measure individual events.

A START

A STOP

Time readout (as per example in Fig. 1)
- 5 minutes
- 57 seconds
- 3/10ths of a second

B Reset

NB: Before each timing operation, the chronograph hands must be at their start points. If necessary, refer to the paragraph **RESETTING THE CHRONOGRAPH COUNTERS.**

Note: All the timing functions are available with the crown in the rest position **I**. In the first minute of timing, 1/10ths of a second are displayed in perceptible real time (10 steps per second) by the 1/10-second counter hand (**7**). For the rest of the timing operation, the 1/10-second counter hand (**7**) remains in the midday position, and will only display 1/10ths of a second after you press pusher **A** or **B**.

Fig. 2

ADD function

The **ADD** function enables you to measure consecutive events without having to reset to zero in between each event. Each time recorded is simply added to the previous total **(Fig. 2)**.

A START

A STOP **Readout**

A RESTART

A STOP **Readout**

A RESTART

A STOP **Readout**

B Reset counters

Fig. 3

SPLIT-TIME function

The **SPLIT-TIME** function enables you to stop the hands to read an intermediate time, without interrupting the timing. When you restart, the chronograph hands "catch up" to the ongoing elapsed time.

A START

B SPLIT 1

Time 1 readout (as per Fig. 1)
- 5 minutes
- 57 seconds
- 3/10ths of a second

B RESTART (catch-up)

B SPLIT 2

Time 2 readout (as per Fig. 3)
- 10 minutes
- 15 seconds
- 5/10ths of a second

B RESTART (catch-up)

A STOP

Final time readout (as per Fig. 4)
- 15 minutes
- 45 seconds
- 8/10ths of a second

B Reset counters

Fig. 4

Technical information

Winding
Quartz watches do not need to be wound.

PRECIDRIVE
PRECIDRIVE quartz chronographs, from CERTINA®, can boast not only the incomparable precision of quartz, but also their temperature variation compensated (thermo-compensated) rate, which is insensitive to moisture. This enables them to achieve a precision of around +/- 10 seconds per year (under normal conditions of use).

EOL function - (End of Life)
By means of a seconds hand (**3**) jump every 4 seconds, your chronograph tells you that the battery has reached its end of life, and will soon need to be replaced. You can no longer use the timing function approximately one hour after EOL mode has activated.

Care and maintenance

We would advise you to clean your chronograph regularly (except for the leather strap) using a soft cloth and lukewarm soapy water. After immersion in salt water, rinse it in fresh water and leave it to dry completely.

Do not leave it anywhere exposed to high variations in temperature or humidity, direct sunlight or strong magnetic fields.

We recommend that you have your watch inspected every 3 to 4 years by your approved CERTINA® representative or retailer. To enjoy impeccable maintenance service and ensure the guarantee remains valid, always consult an approved CERTINA® representative or retailer.

If you plan not to wear your chronograph for several weeks or months, we would advise you to store it with the crown (**8**) pulled out to position **III**. This cuts the electrical power supply to the motor, thereby extending battery life considerably.

Replacing the battery
The run time of a PRECIDRIVE chronograph from CERTINA® is generally more than 2 years in continuous use. Once the battery has been drained, it must be replaced without delay by an approved CERTINA® representative or retailer.

Battery type: silver oxide and zinc button cell, 1.55 V, No. 384, SR 836 SW.

Collection and treatment of end-of-life quartz watches*

This symbol indicates that this product should not be disposed of as household waste. It must be returned to an approved collection point. By following this procedure you will contribute to safeguarding the environment and human health. Recycling the materials will help to conserve natural resources.

** valid in EU member states and in any countries with corresponding legislation.*