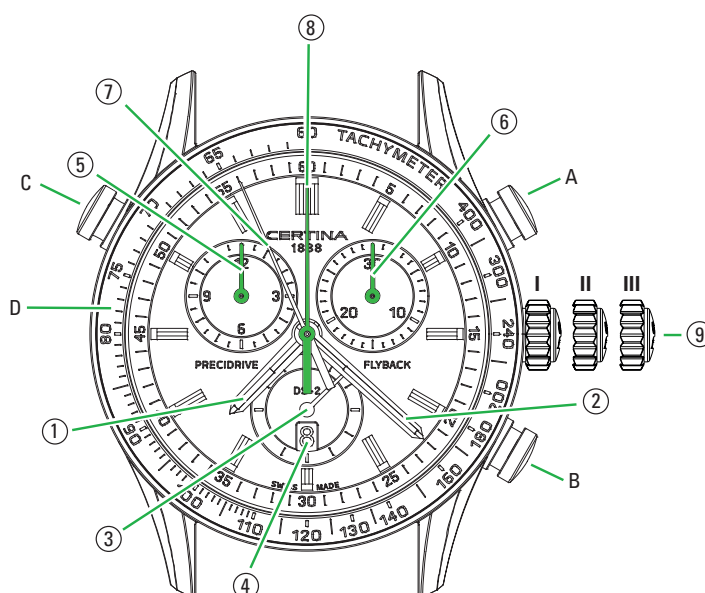# PRECIDRIVE Flyback
quartz chronograph

User manual

Display and functions

Watch:

❶ Hour hand
❷ Minute hand
❸ Seconds hand (small seconds)
❹ Date indicator

Chronograph:

❺ 12-hour counter hand
❻ 30-minute counter hand
❼ 60-second counter hand
❽ 60-second counter hand (split second)

A START/STOP pusher
B Flyback/Reset pusher
C Split second START/STOP pusher, split times
D Tachymeter scale (depending on model)

❾ 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 a screw-in 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®, one of the most highly renowned Swiss brands in the world. Meticulously designed, using only the highest quality materials and components, your chronograph is protected against shock loads, temperature variations, water, dust and also benefits from the DS concept.

This user manual applies to CERTINA® quartz chronographs equipped with the PRECIDRIVE 251.294 KP movement. For the settings and operation of your PRECIDRIVE chronograph, please refer to the instructions below.

Your PRECIDRIVE chronograph enables you to time events lasting up to 12 hours, and offers you the following functions:
– Standard chronograph START–STOP function
– ADD function (partial times)
– SPLIT SECOND function (split times)
– FLYBACK function (restart the chrono without resetting)

To ensure that your chronograph operates with perfect precision for many years to come, we advise you to pay careful attention to the advice given in this user 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 screw-in crown
To ensure even better water resistance, some models are fitted with a screw-in crown (**9**). Before setting the time or date, you must first unscrew the crown (**9**) 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. You are advised not to operate the crown (9) underwater.
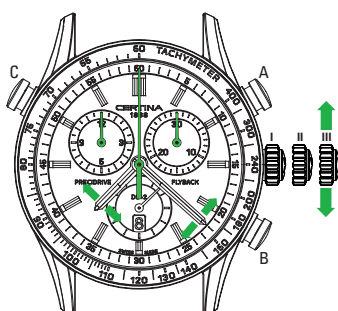

Fig. 1

Setting the time
Pull the crown (**9**) out to position **III**; the seconds hand (**3**) will stop, and the chronograph counter hands (**5, 6, 7** and **8**) will complete a rotation of the dial (entering setting mode). Turn the crown (**9**) clockwise or anticlockwise to set 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).
Note: STOP SECONDS with crown (**9**) in position **III**.

Advice for synchronising your watch
To synchronise the seconds hand (**3**) with an official time signal (radio/TV/Internet), pull the crown (**9**) out to position **III**; the seconds hand (**3**) will stop. At the tone, push the crown (**9**) back into the rest position **I**.

Changing time zone or switching between summer time / winter time
Pull the crown (**9**) out to position **II**; the chronograph counter hands (**5, 6, 7** and **8**) will complete a rotation of the dial (entering setting mode). Turn the crown (**9**) clockwise or anticlockwise to set the desired time.

Rapid date correction
Pull the crown (**9**) out to position **II**. The chronograph counter hands (**5, 6, 7** and **8**) will complete a rotation of the dial (entering setting mode). Turn the crown (**9**) clockwise or anticlockwise until the desired date is displayed. During this operation, only the hour hand rotates. When the hands pass midnight, the date (**4**) will change. To finish, push the crown (**9**) back into the rest position **I**.

Tachymeter (depending on model)
The tachymeter enables you to measure the average speed of a moving object. Start timing by pressing pusher (**A**), and then stop by pressing pusher (**A**) once a distance of 1 km has been reached. The superimposed chronograph seconds hands (**7**) and (**8**) will be pointing to the tachymeter scale (**D**), indicating the speed in km/h.

CERTINA
DS
SWISS WATCHES SINCE 1888

Resetting the chronograph counters

If necessary, the chronograph counters (**5, 6, 7** and **8**) must be reset before starting timing. Proceed as follows: pull the crown (**9**) out to position **II**; the counter hands (**5, 6, 7** and **8**) will complete a rotation of the dial (entering setting mode). Every time pusher (**A**) is pressed, a hand will complete a rotation of the dial (active hand), and can be returned to its start point by repeatedly pressing pusher (**B**).
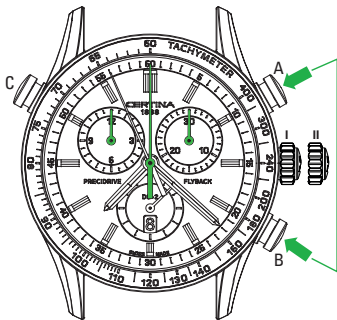
Fig. 2

Hand activation order:

1. 60-second counter hand (split second) (**8**)

2. 60-second counter hand (**7**)

3. 30-minute counter hand (**6**)

4. 12-hour counter hand (**5**)

A Select the counter to reset (the selected hand moves)

B Correct the hand position:
Short press: step-by-step
Long press: rapid continuous rotation
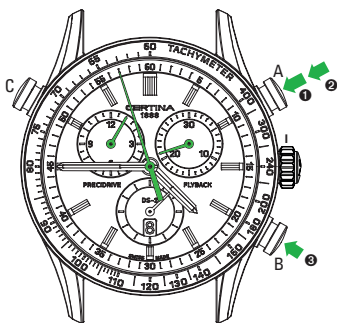
Simple timing

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

A START

A STOP
Time readout (as per Fig. 3)
- 1 hour
- 21 minutes
- 57 seconds

B Reset

NB: Before each timing operation, the chronograph hands must be at their start points. If necessary, refer to the **RESETTING THE CHRONOGRAPH COUNTERS paragraph.**
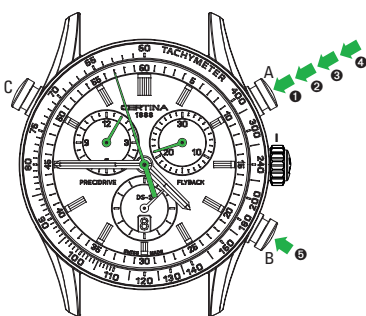
Fig. 3

ADD function

The **ADD** function enables you to measure consecutive events without having to reset in between. Each time is added to the previous total **(Fig. 4)**.

A START

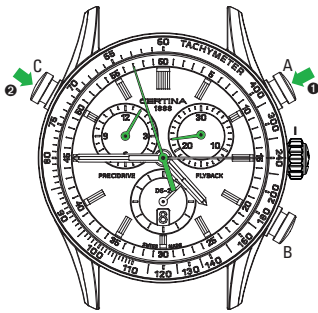**A** STOP **Readout**

A RESTART
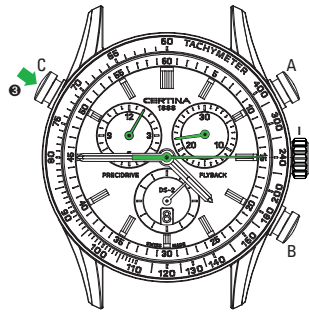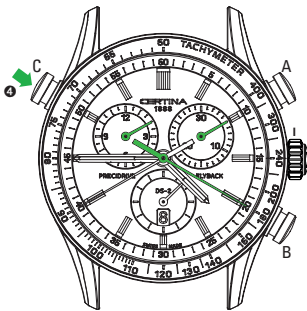
A STOP **Readout**

B Reset counters

Fig. 4

Fig. 5
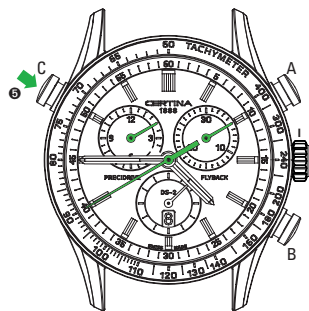

Fig. 6

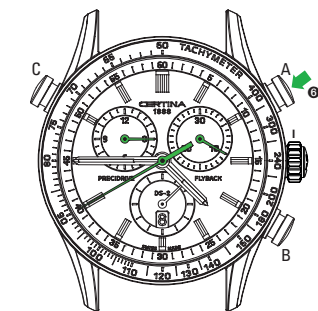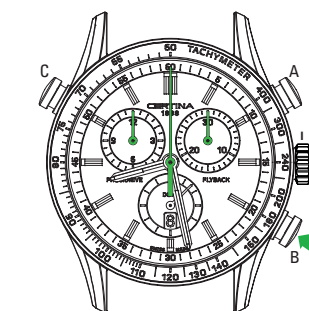**Fig. 7**

Fig. 8

Fig. 9

Fig. 10

SPLIT SECOND or split times function

The **SPLIT SECOND** function enables you to stop the hand (**8**) to read a split time without interrupting the timing. When you restart, the chronograph hands "catch up" to the ongoing elapsed time.

A START

C STOP

Split time 1 readout (as per Fig. 5)
- 1 hour
- 22 minutes
- 57 seconds

C RESTART (catchup) (as per Fig. 6)

C STOP

Split time 2 readout (as per Fig. 7)
- 2 hours
- 5 minutes
- 20 seconds

C RESTART (catchup) (as per Fig. 8)

A STOP

Final time readout (as per Fig. 9)
- 3 hours
- 10 minutes
- 40 seconds
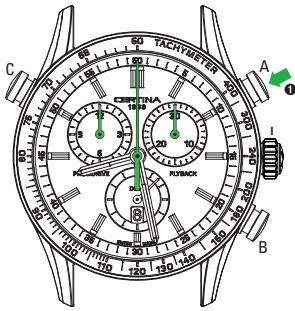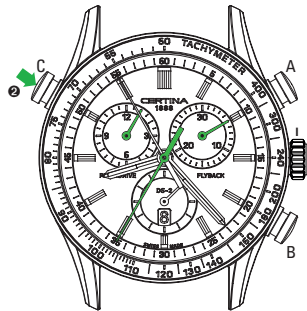
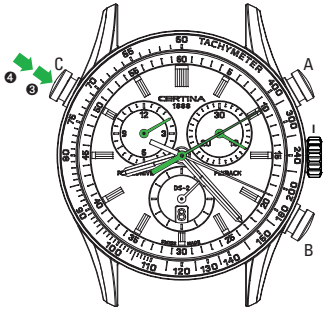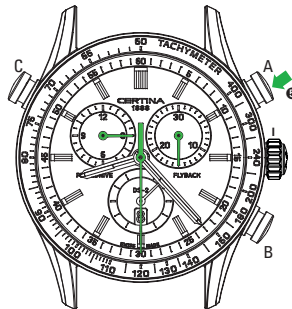**B** Reset the counters (as per Fig. 10)

Fig. 11

Fig. 12

Fig. 13

Fig. 14
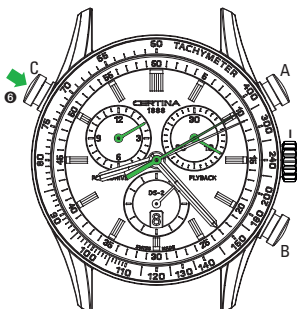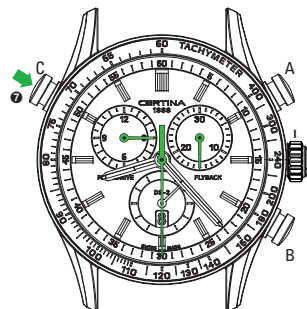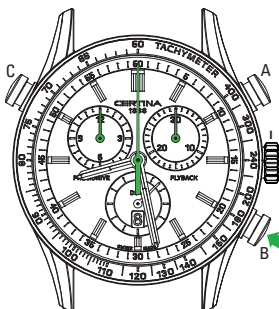

Fig. 15

Fig. 16

Fig. 17

MEMO function

The **MEMO** function enables you to display the last memorised split time (hand (**8**)), or redisplay the final time from the timing operation (hands (**7**) and (**8**) are superimposed).

A START

C STOP
   Split time 1 readout (as per Fig. 12)
   - 1 hour
   - 5 minutes
   - 35 seconds

C RESTART

C STOP
   Split time 2 readout (as per Fig. 13)
   - 2 hours
   - 10 minutes
   - 10 seconds

A STOP
   Final time readout (as per Fig. 14)
   - 3 hours
   - 15 minutes
   - 30 seconds

C STOP
   Redisplay last memorised split time (as per Fig. 15)
   - 2 hours
   - 10 minutes
   - 10 seconds

C STOP
   Redisplay memorised final time (as per Fig. 16)
   - 3 hours
   - 15 minutes
   - 30 seconds

B Reset the counters (as per Fig. 17)

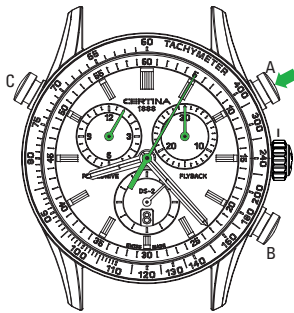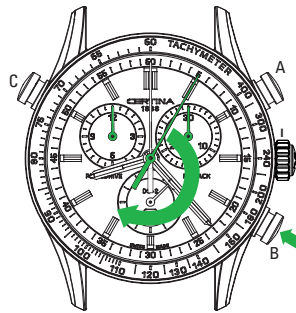# PRECIDRIVE Flyback quartz chronograph

Fig. 18

Fig. 19

FLYBACK function

The **FLYBACK** function enables you to restart the chrono instantly, with the hands reset.

A START

B FLYBACK

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, making them insensitive to moisture. This enables them to achieve a precision of around +/-10 seconds per year (under normal conditions of use).

Automatic calibration

The POWERDRIVE motors used to drive the hands ensure extremely precise and rapid movements. To ensure that they are working correctly, an automatic calibration is performed once an hour on both the central counter hands (**7** and **8**):

  – One-step forward / backward movement

    or

  – A complete dial rotation (alternating between the two hands)

These visible movements are part of the normal operation of the chronograph.

EOL (End of Life) function

When the seconds hand (**3**) is jumping every 4 seconds, your chronograph is telling you that the battery has reached its end of life, and will soon need to be replaced.

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 subjected to high variations in temperature or humidity, direct sunlight or strong magnetic fields.

We would advise you to have your watch inspected every 3 to 4 years by an 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 (**9**) pulled out to position **III**. This cuts the electrical power supply to the motor, thereby extending battery life considerably.

Replacing the battery

The autonomy 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. 394, SR 936 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.