



Quarzwerk
Quartz movement
J645.85

Congratulations on becoming the owner of an original Junghans!

Junghans watches are and always have been something special. They have made watchmaking and design history. And we are still doing so today. For the story of success that began in 1861 in Schramberg in the Black Forest continues with each new model. Present in every watch are the elements that make Junghans special: style, passion, innovative spirit and precision right down to the tiniest detail. Put another way: when traditional craftsmanship, leading edge watch technology and classy design come together, then it is a genuine Junghans. A watch for all those who live their own style – and on that we can not do other than congratulate you!

Your

Uhrenfabrik Junghans GmbH & Co. KG

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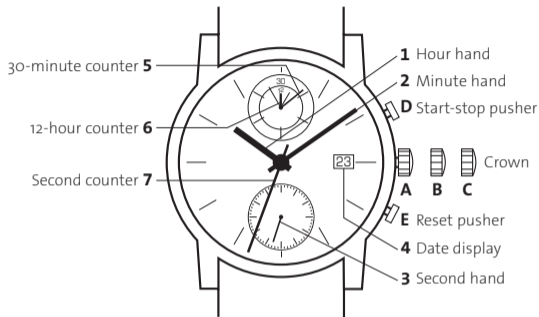
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1. Operating elements and functions



Setting the time

Pull the crown into position C. That stops the watch movement. To set the watch accurately to the second it is best to stop the movement as the second hand is passing the figure 60. You can now position the minute hand in line with the relevant minute marker and set the desired time. Return the crown to position A to start the second hand.

Setting the date

Pull the crown into position B. Rotate the crown counter-clockwise to set the date. **Date alteration should not be performed between 8:00 p.m. and 3:00 a.m., as the date is automatically advanced by the movement during this period and you could damage the advance mechanism.** If the month has less than 31 days, set the date manually to the first day of the following month.

2. Operating the chronoscope (stopwatch function)

Starting time measurement

Start the chronoscope function by pressing the start-stop pusher (D).

Stopping time measurement

Stop the chronoscope function by pressing the start-stop pusher (D) again.

Resetting

Press the reset pusher (E). The three chronograph hands (5, 6, 7) move back to the starting position.

Adding measured time

Stop times may be added by pressing the start-stop pusher (D) again after the initial measurement, instead of the reset pusher (E). The chronoscope hands will then recommence from the stopped position. Stop the chronoscope function by pressing the start-stop pusher (D) again. You can continue the addition until the maximum stop time is reached. To return the chronoscope hands to the starting position, press the reset pusher (E).

Measuring split times

During the time measurement process it is possible to display a split time without stopping the stopwatch process. To do so, start measurement using the start-stop pusher (D). To read the split time press the reset pusher (E). The time measurement continues in the background. Pressing the reset pusher (E) again results in the chronoscope hands advancing rapidly to catch up with the time that has elapsed. Further interim times can be displayed by pressing the reset pusher (E). Stop the chronoscope function by pressing the start-stop pusher (D) again. The final time is now displayed. To return the chronoscope hands to the starting position, press the reset pusher (E).

Setting the chronoscope counters to the zero position

If one or more of the chronoscope hands is not in the correct zero position (e.g. following battery replacement) you can adjust this as follows: Pull the crown to position C. All chronoscope hands move to the starting position. Activate the correction mode by simultaneously operating the start-stop pusher (D) and the reset pusher (E) for at least 2 seconds. The hand of the second counter (7) rotates through 360°. To set the second counter (7) press the start-stop pusher (D) briefly for a single step and longer for continuous setting, until the hand of the second counter (7) is directly on the zero position. By pressing the reset pusher (E) again you complete the positioning of the hand of the second counter (7) and switch to setting the minute and second counter hand (5+6, mechanically connected). To set the minute and second counter hands operate the start-stop pusher (D) briefly for a single step and longer for continuous setting, until the two hands are directly on the zero position. After correctly aligning all chronoscope counters, press the crown back to position A.

Please note: Your watch has a battery life of approximately 4 years with normal use of the chronoscope function. If the stop second hand is used continuously, the battery life will be significantly reduced.

3. Technical information

Calibre J645.85

Quartz chronoscope with 30-minute and 12-hour counter

Battery 384 / SR 41 SW (recommended manufacturer: Murata, Renata, Varta)

Operating temperature 0° to + 50° C

Subject to technical alterations.

4. Water resistance

Marking	Instructions for use				
	 Washing, rain, splashes	 Shower	 Bath	 Swimming	 Diving without scuba tanks (snorkelling)
No mark	No	No	No	No	No
3 BAR	Yes	No	No	No	No
5 BAR	Yes	No	Yes	No	No
10 BAR	Yes	Yes	Yes	Yes	No
20 BAR	Yes	Yes	Yes	Yes	Yes

The water resistance as prescribed by DIN is a design engineering characteristic which is susceptible to external influences such as shock, fluctuations in temperature, UV light and direct contact with cosmetics and cleaning products (greases and acids). The “3–10 BAR” condition is thus only applicable for brand new watches. We recommend having the watch inspected at regular intervals.

5. General information

The water resistance of your watch can be affected by external influences, which can cause moisture to enter the watch. We therefore recommend regular checkups by a Junghans specialist. Servicing and bracelet repairs should also be carried out by an authorised Junghans service partner.

Please avoid direct contact with alcohol containing perfumes, disinfectants and chemical cleaning detergents (e.g. petrol or paint thinner), as this will shorten the life of the glass, gaskets and leather strap.

Your watch is equipped with a quality strap which has been tested inhouse several times. If you would like to change your strap please use a strap of the same quality, preferably an original strap. The watch and leather straps can be cleaned with a dry or slightly damp cloth. Metal bracelets should preferably be cleaned with a small brush and soapy water.



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