

ERHARD JUNGHANS



SEIT 1861

We are delighted that you chosen an *Erhard Junghans watch*.

Back in 1861 *Erhard Junghans* founded a business in the Black Forest town of Schramberg to make high quality, mechanical timepieces. More than 145 years after the foundation of this business, watches are once again being made in Schramberg under the *Erhard Junghans* brand.

These watches are made with extreme precision and care. Just like their historic predecessors, they feature exceptional quality and reliability, thus standing to an outstanding degree for that mark of great craftsmanship:

”Made in Germany”.

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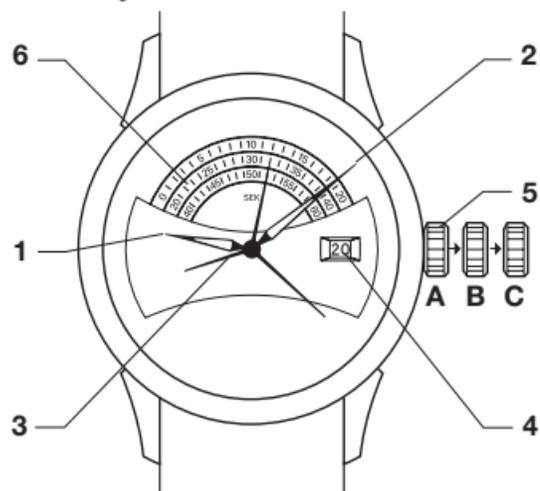
Instructions for use

Winding up the watch

With the winder in the winding up position (position A), you can wind up the automatic movement manually. Just 2 or 3 turns are sufficient to start the movement going. It is better to wind it up fully, as this ensures that it will run with maximum accuracy and that its power reserve (even after the watch is put down) will last for the maximum period. If your model has a screw-locked winder, this must be unscrewed by turning it to the left to start your watch going. After you have set your watch, you should wear it, so that the automatic winding system (via rotor movement) keeps it constantly operational.

Features and functions

Calibre J830.1



- 1 Hour hand
- 2 Minute hand
- 3 Second hand
- 4 Date display
- 5 Winder
- 6 Second scale

Setting the time

Pull the winder into position C. That stops the watch movement. To set your 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 precisely in line with the relevant minute marker and set the desired time. Press the winder back into position A to start the second hand.

Setting the date

Pull the winder into position B. You can now set the date by turning it to the right. Do not make any changes to the date between 8pm and 3am, as the date is automatically advanced by the movement during this period and you could damage the date advance mechanism.

If the month has less than 31 days, you have to set the date manually to the first day of the following month.

Reading the second hand:

The display of the second hand is via triple-leaf second hand (3) and the second scale (6). The following scales apply for reading:

	Second scale
Outer scale:	0 to 20 seconds
Middle scale:	20 to 40 seconds
Inner scale:	40 to 60 seconds

Technical information

Mechanical 3-hand movement with date display

Calibre J830.1

Bi-directional automatic winding mechanism with ball-bearing
28 jewels

28,800 semi-vibrations per hour

> 48 hour power reserve

Anti-magnetic to DIN 8309

Shockproof: System Junghans

Spring: Flat spring

Balance: Gold-plated nickel

General information

Water resistance

Designation	User Information				
	 Washing, rain, splashes	 Showering	 Bathing	 Swimming	 Diving without equipment
no designation	no	no	no	no	no
3 ATM	yes	no	no	no	no
5 ATM	yes	no	yes	no	no
10 ATM	yes	yes	yes	yes	no

The designation "water resistant" only applies to brand new watches. External influences can affect water resistance. Please have your watch checked regularly.

- Service work, such as repairs to glass, seal or strap, should only be performed by a specialised dealer. We recommend that you contact a Erhard Junghans partner.

You can find a partner in your area at www.erhard-junghans.de

- In the event of condensation entering your watch, the watch should be examined by service center without delay. Water entering the watch may cause damage.
 - Your watch is fitted with a high-quality strap that has been subjected to numerous tests at our company. Should you nonetheless wish to replace the strap, please use a strap of the same quality, ideally an original strap.
 - Watches with leather straps should not be exposed to strong UV rays.
 - Clean watch and strap with a dry or slightly damp cloth.
- Note: Do not use chemical cleaning materials (e.g. petrol or paint thinners). These may damage the surface.