

ERHARD JUNGHANS



SEIT 1861

## Instruments of time.

1861 saw the dawn of a new era in German watch manufacturing, with the visionary and entrepreneur *Erhard Junghans*. Today, for the Erhard Junghans brand "Made in Germany" once again stands for timekeeping instruments of the utmost precision and value-adding functionality with a classic, design-oriented style.

With pioneering spirit and creative energy *Erhard Junghans* breathed new life into traditional values, in the process leaving a permanent impression on the course of time.

Today, as was the case in those days, Schramberg has witnessed the coming together of individuals to produce the exceptional – just as *Erhard Junghans* did in his era.

The same intention. A new beginning.

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## **General instructions for use**

### **Winding the watch**

In the winding position (crown in Position A) the automatic movement can also be wound by hand. 2-3 turns of the crown suffice to set the movement in motion. It is better to wind the watch completely, as this guarantees maximum accuracy and power reserve (including after removal of the watch). The watch should be worn after winding in order for the automatic winding mechanism to maintain a fully-wound state (via the rotor movement).

### **Setting the date**

Pull the crown to Position B (fast adjustment). The date can be altered by turning the crown to the right. Rotate the crown until the date of the previous day is displayed. (The actual date is then adjusted with the setting of the time).

**Important:** Date alteration should not be performed between 8 PM and 3 AM, as in this period the date is switched automatically by the movement and damage may be caused to the switching mechanism.

If the month has less than 31 days, the date must be forwarded to the 1st of the following month by hand.

### **Setting the time**

Pull the crown to Position C. This stops the movement.

To set the watch accurately to the second it helps to stop the movement when the second hand is over the 60 (for subsidiary second) or the 12 (with central second hand/ Tempus Automatic). Now turn the crown to the left. As soon as the hour hand passes midnight the date is switched to the current date. Turning the crown further enables the precise time to be set, accurate to the minute marker. Return the crown to Position A to start the second hand.

## Operating elements and functions

### Tempus Chronoscope calibre J890

See information in instructions for use

– Winding the watch – Setting the time – Setting the date

## Operating the Chronoscope

### Initiating time measurement

Begin the chronograph function by pressing the start-stop pusher (10).

### Stopping time measurement

Stop the chronograph function by pressing the start-stop pusher again (10).

### Resetting

Press the reset pusher (11). This resets all three stopwatch hands to their zero position.

### Adding measured times

Stop times may be added by pressing the start-stop pusher (10) again after the initial measurement, in place of the reset pusher (11). The stopwatch hands will then recommence from the stopped position.

### Power reserve indicator

The power reserve indicator states the time remaining before the watch will stop.

”Auf“ – Indicates the status of a fully-wound spring. This signifies a power reserve of > 48 hours.

”Ab“ – indicates the easing of the spring. This signifies a very low or no power reserve.



- 1 Hour hand
- 2 Minute hand
- 3 Second hand
- 4 Date display
- 5 Power reserve display
- 6 Crown

- 7 Stopwatch second hand
- 8 Stopwatch minute hand
- 9 Stopwatch hour hand
- 10 Start/stop pusher
- 11 Reset pusher

### Technical information calibre J890

Mechanical movement with date and power reserve indicator, chronoscope with stop second, stop minute and stop hour

Bi-directional automatic winding mechanism with ball bearing

Finishing: "Côtes de Genève" finishing on bridges and rotor, blued screws

41 jewels

28,800 vibrations per hour

Power reserve > 48 hours (without chronoscope function)

Anti-magnetic as per DIN 8309

Spring: Flat spring

Balance wheel: Nickel plated



## Operating elements and functions

### Tempus Gangreserve calibre J830.5

See information in instructions for use

– Winding the watch – Setting the time – Setting the date

### Power reserve indicator

The power reserve indicator states the time remaining before the watch stops.

”Auf“ – Indicates the status of a fully-wound spring. This signifies a power reserve of > 48 hours.

”Ab“ – indicates the easing of the spring. This signifies a very low or no power reserve.



### **Technical information calibre J830.5**

Mechanical movement with display for date and power reserve

Bi-directional automatic winding mechanism with ball bearing

Finishing: "Côtes de Genève" finishing on bridges and rotor, blued screws

34 jewels

28,800 vibrations per hour

Power reserve > 48 hours

Anti-magnetic as per DIN 8309

Spring: Flat spring

Balance wheel: Nickel plated



## Operating elements and functions

### Tempus Automatic calibre J830

See information in instructions for use

– Winding the watch – Setting the time – Setting the date



1 Hour hand  
2 Minute hand  
3 Second hand

4 Date display  
5 Crown

**Technical information calibre J830**

Mechanical movement with display for date

Bi-directional automatic winding mechanism with ball bearing

Finishing: "Côtes de Genève" finishing on bridges and rotor, blued screws

28 jewels

28,800 vibrations per hour

Power reserve > 48 hours

Anti-magnetic as per DIN 8309

Spring: Flat spring

Balance wheel: Nickel plated



## **General information**

### **Water resistance**

Your Erhard Junghans watch has been tested for water resistance to a pressure of 3 ATM. This test indicates that your watch is water resistant to splashing and rain. However, the watch should not be worn when showering, bathing, swimming or diving. The 3 ATM water resistance status applies to factory-new watches only. External influences, such as damage to the crown, pushers and glass, may affect water resistance. It is therefore important that you have your watch examined. If moisture has entered the watch, this must be investigated by customer service without delay. Water entering the watch may result in damage. We therefore recommend that you contact an Erhard Junghans specialist retailer.

### **Strap**

Your Erhard Junghans watch is equipped with a high quality reptile leather strap, which has been tested extensively at our company. It should be noted that leather straps are not suitable for wearing in water and should not be subjected to strong UV rays. Please use an original strap if you choose to replace your strap.

### **Care**

Watch and strap can be cleaned with a dry or slightly dampened soft cloth. Note: do not use chemical cleaning agents (e.g. benzine or paint thinners). This may result in damage to the surface.

### **Service**

Service tasks such as repairs to glass, seal or strap should only be performed by specialist retailers. We therefore recommend that you contact an Erhard Junghans specialist retailer.

A partner in your vicinity can be located at [www.erhard-junghans.de](http://www.erhard-junghans.de) or we will be happy to name you one on the following telephone number +49.7422 18-888.

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