



**VOSTOK**  
**EUROPE**



Watches with mechanical movements

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## USER'S MANUAL FOR ALL TYPES OF MECHANICAL WATCHES

I

In the unlikely event you should discover a mechanical problem with your watch, it is repairable. However, you should not open the watch or attempt to repair it yourself, as it will void your warranty. The watch back cover should be opened, and any repair work carried out, only by an authorized watchmaker. The watch is a complex technical device that requires careful handling only by qualified technicians. It will work trouble-free and keep highly accurate time if you do the following:

- wear the watch a minimum of 10 hours a day to maintain automatic winding by the movement of your wrist;
- protect the watch from drops and sudden, sharp shocks; avoid exposing the watch to strong magnetic fields and chemical agents;

- have an authorized watch service technician clean, lubricate adjust and re-certify the water-impermeable seal, or "water-resistance", of the watch not less than once every two years after warranty is expired;

We recommend that you:

- do not open the case or remove its back cover so as to protect your watch from unqualified service and from dirt and dust getting into the watch movement;
- do not expose the watch to extreme temperatures since that can weaken the crystal;
- avoid exposure to magnetic fields with an Intensity more than 4800 A/M.

If these simple suggestions are followed, your watch should operate properly for a minimum of 10 years.

### **Watches with automatic winding**

Mechanical watches with automatic winding of the mainspring do not require manual winding of the crown.


The motion of your wrist turns an internal rotor (oscillating weight) that winds the mainspring of the watch automatically. Daily routine is enough for automatic winding of the watch and it will run overnight if removed for sleeping. You can view the auto rotating oscillating weight in automatic watches with glass back cover.

## WATER RESISTANCE


The level of water resistance of your watch is directly related to the security of the screw-in back cover, which is factory sealed:

- **Water resistant 5 ATM** you can water your garden and wash your car with water coming out of a hose.
- **Water resistant 10 ATM** (or 100 meters) you can swim and dive (but not from a tower) and swim under water but not scuba dive.
- **Water resistant 20 ATM** (or 200 meters) or **Water resistant 30 ATM** (or 300 meters) you can swim under water with scuba equipment.

Water resistant watches of 10 or more atmospheres are, as a rule, equipped with screw-in watch crowns. To settle hands, wind up the watch or change the calendar setting you should unscrew the crown.

**Caution:** Do not manipulate the watch crown underwater and even in conditions of high level of humidity. 

**Recommendation:** please have the water resistance of your watch tested once every two years at your service-centre.

**Attention:** There is some humidity inside the watch thus when the outside temperature is lower than inside the watch, the inside of the glass may fog up temporarily. This is not a failure. But if it keeps fogging and doesn't clean up or water gets inside the watch, repair is required. 

## WATCHES WITH 2432 MOVEMENT

(Produced by Vostok factory, Russia)

### Technical Specifications

- Caliber of the movement – 24 mm.
- Movement height – 6,3 mm.
- Day & night indicator disc and / or 24-hours disc.
- 32 Ruby jewels.
- Sweep-type second hand Shock-resistance device of a balance staff.
- Calendar – single, instantaneous function.
- Correction of date-of-the-month by setting with hand rotation.
- Balance period – 0,33 s.
- Mean daily rate from –10 to + 30 seconds/day.
- Autonomy at least 31 hours.

### User's Manual

1. If required, the watch can be wound by rotation of the watch crown clockwise from the initial fixed position about 25-30 turns. If your watch has a screwed-in crown, it should be unscrewed (Pic.1 ①) before winding the watch. Do not forget to screw the crown back after the winding.
2. The hands are set the following way: the watch crown should be pulled out from the case to the remotest/outermost fixed position (Pic.1 ②) and then rotated clockwise to set the right time. Then the watch crown should be returned to the initial position (and screwed back in place if the watch has a screwed-in crown).
3. To change the date you should put the watch crown in the remotest/outermost fixed position and rotate the crown clockwise till the date changes.



**Pic. 1**

**Caution:** When leading a calm lifestyle (for instance, working on the computer for most of the day), it is advisable to manually wind the movement up (10-15 turns of the crown) every day. !

If it is necessary to change the date-of-the month for more than one day, please rotate the crown clockwise till the date changes, then the hands should be moved counter-clockwise back to the "8 o'clock" and then again clockwise to the "12 o'clock" position. The date-of-the month shifts one day per each cycle of moving hands within the range "12-8-12". When the date-of-the month is set, the hands should be set to the time again moving clockwise.

When hands are set to time reckoning after 12 a.m., they should be moved one full wind clockwise and then set to a desired position. Once completed, the watch crown should be returned to the initial position (and screwed if the watch has a screwed-in crown).



**Pic. 2**

4. The position of day and night indicator or 24-hours counter is synchronized with the setting of hands. Please note that black on day & night indicator (which is used in many models) corresponds to night, and red, as if often used, is for day time.



**WATCHES WITH 2426 MOVEMENT***(Produced by Vostok factory, Russia)***Technical Specifications**

- Caliber of the movement – 24 mm.
- Movement height – 6.3 mm.
- Additional 24-hours hand.
- 32 Ruby jewels.

Please see the other parameters at 2432 movement, P.III.

**User's Manual**

1. Winding, setting and / or adjusting the time and the date please see User's Manual Movement 2432.

If your watch has a screwed-in crown, it should be unscrewed (Pic. 1) before time and date setting. Do not forget to screw the crown back after the winding.



1 24-hours hand


2 Turning bezel with second time zone scale

**Pic. 3**

2. The 24-hour-hand (Pic. 3 ①) is not independently adjustable. The time of the second time zone is set by means of a unidirectional outer bezel (Pic.3 ②).

Please set the difference in hours between two time zones by means of rotating the bezel until the corresponding desired hour appears at the top.

The 24-hour-hand shows the second time zone time on the bezel when used in conjunction with the fourth hand on the dial.

**Caution:** When leading a calm lifestyle (for instance, working on the computer for most of the day), it is advisable to manually wind the movement up (10-15 turns of the crown) every day. 

## WATCHES WITH NH35A MOVEMENT

(Movement produced by SII, Japan)

### Technical Specifications

- Caliber of the movement – 27,4 mm.
- Movement height – 5.32 mm.
- Sweep-type second hand.
- Shock-resistance device of a balance staff.
- Stop-second hand device for precise time setting.
- Calendar – single, with quick date correction.
- 24 Ruby jewels.
- Frequency - 21,600 vibrations per hour.
- Mean daily rate from –10 to + 30 seconds/day.
- Autonomy at least 41 hours.

If your watch has a screwed-in crown, it should be unscrewed (Pic. 1) before time and date setting. Do not forget to screw the crown back after the winding.

### Winding of the movement.

If required, the watch can be wound manually by rotation of the watch crown clockwise about 55 turns.

**Caution:** When leading a calm lifestyle (for instance, working on the computer for most of the day), it is advisable to manually wind the movement up (10-15 turns of the crown) every day.

### Time setting (Pic. 4)

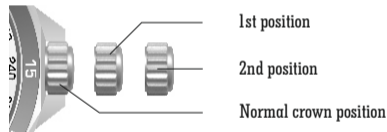
1. Pull out the crown to the second click position.
2. Turn the crown to set hour and minute hands (check that AM/PM is set correctly).
3. Push the crown back in to the normal position.

### Date setting

1. Pull out the crown to the first click position.
  2. Turn the crown **anti-clockwise** for date setting.
- Do not set the calendar between 9:00 P.M. and 4:00

A.M. If the setting of the calendar is made during this period, the day or date will not change to the next day or date. Please set the calendar after changing the time other than the above period.

3. Push the crown back in to the normal position.



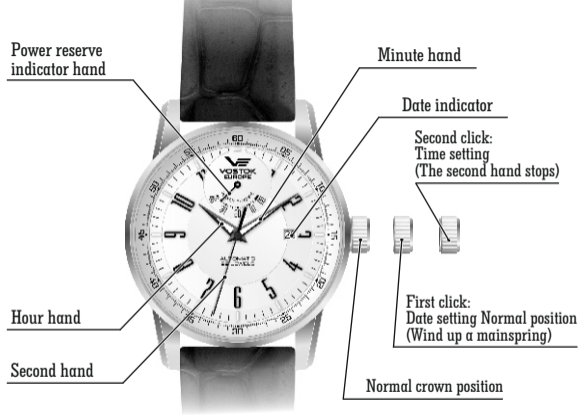
**Pic.4**

**WATCHES WITH YN85 AND YN84 MOVEMENTS**

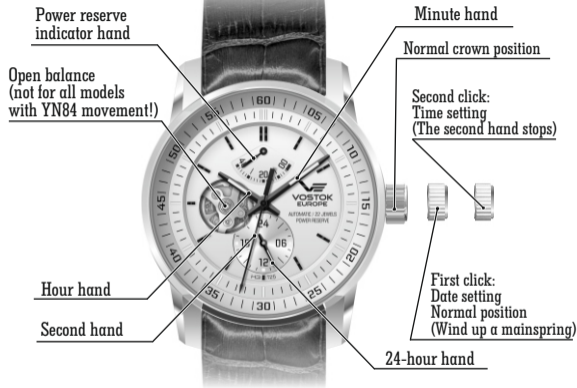
(Movement produced by Seiko Epson Co., Japan)

**Technical Specifications**

- Caliber of the movement – 27,4 mm.
- Movement height – 5.77 mm.
- Sweep-type second hand.
- Shock-resistance device of a balance staff.
- Stop-second hand device for precise time setting.
- 22 Ruby jewels.
- Frequency - 21,600 vibrations per hour.
- Mean daily rate from –10 to + 30 seconds/day.
- Autonomy – more than 40 hours.
- Hour, minute and second hands
- Power reserve indications hand.
- 24-hours indication hand (for YN84 movement only).
- Date calendar (for YN85 movement only).



**Pic. 5** Model with YN85 movement.



**Pic. 6** Model with YN84 movement.

## User's Manual

If your watch has a screwed-in crown, it should be unscrewed before manual winding, time and date setting. Do not forget to screw the crown back after the winding.

### 1. Winding of the movement.

If required, the watch can be wound manually by rotation of the watch crown clockwise about 55 turns.


**Warning:** When leading a calm lifestyle (for instance, working on the computer for most of the day), it is advisable to manually wind the movement up (10-15 turns of the crown) every day. !

### 2. Time setting

- Pull out the crown to the second click when the second hand reaches the 12 o'clock position. (The second hand stops.)

- Turn the crown counterclockwise and set the current time.
- \* When setting the time, first bring the hand back slightly earlier than the actual time and then move it forward to the actual time.
- \* For the watch with a calendar, make sure that you set either a.m. or p.m. without fail. The date changes at twelve o'clock midnight.
- Press the crown in to the normal position.

### 3. Date setting (for YN85 movement only)

**Caution:** Avoid setting the date between 8:00 p.m. and 2:00 a.m. since the calendar changes during this time. If the date is set during this time period, the date may not change or the watch may malfunction. Be sure to move the hour and minute hands away from this time period when setting the date. 

- Pull the crown out to the first click.
- \* The crown on this watch can be pulled out to either of two clicks.
- Turn the crown counterclockwise, and set the date to that for the current day.
- \* Correcting the date at the end of the month The date will have to be corrected for months that have 30 days, or those that have less than 30 days. After the date switches, over to the first day of the succeeding month, set the date to the First (1).
- \* Push the crown back to the normal position.

### 4. Power reserve indicator

The power reserve indicator shows how much the watch is wound, allowing you to see how much longer the watch will run at a glance. The time pointed to by the power reserve hand is the remaining time. When the power reserve hand indicates the 40 or F mark, the mainspring is fully wound.

\* The remaining time shown is only an approximation. The time shown may be different from actual remaining time.

This product is also equipped with an automatic winding function. When it is worn on the wrist, the movement of the arm will wind the mainspring. The amount that the mainspring is wound will depend on the movement of the arm. If you do not wind, the power reserve hand will move toward zero as time passes.

## WARRANTY

The manufacturer warranty period is valid for 12 months from the purchase date. In each country of sale the legal, country-specific guarantee conditions apply. The customer shall not have any claim under this warranty if: the watch does not have this User's Manual; the watch has been repaired by unauthorized service centre or person; the watch is not used in accordance with the instructions supplied in this User's Manual.

The Warranty does not cover the watch-case, crystal, band, bracelet and packing. If hidden faults are detected during the warranty period, the watch can be repaired at the warranty watch service shop marked by your local distributor.

The right for warranty service is provided by the guarantee certificate attached to the given passport-booklet of your watch.

The claims on watch replacement or repayment are satisfied upon submission of the certificate from the guarantee service.

## **INTERNATIONAL GUARANTEE**

AGENCY





Production Number

(Model Number)

Date of Purchase

(Store's stamp)

Seller

(Name)

(Signature)

Repair Coupon Nr.

Model Nr.

Date

Signature

\_\_\_\_\_

Repair Coupon Nr.

Model Nr.

Date

Signature

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Repair Coupon Nr.

Model Nr.

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Model Nr.

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