THANK YOU FOR CHOOSING VOSTOK EUROPE!

Inspired by exploration, built for endurance, crafted with precision.
Your watch is made to accompany you through every extreme activity.

QUARTZ WATCHES USER MANUAL

Quartz watches are powered by a battery and regulated by a precise quartz crystal oscillator. When the battery sends an electrical current through the quartz crystal, it vibrates at a consistent frequency, ensuring highly accurate timekeeping. The energy is transmitted to a step motor, which drives the hands with reliable and consistent movement. Unlike mechanical watches, quartz models do not require winding and maintain accuracy with minimal daily attention.

ⓘ **IMPORTANT:** Do not attempt to open the case or repair the watch yourself. This will void the warranty. All service and repairs should be performed by an authorized watchmaker ONLY, as the movement is a highly precise technical device requiring professional care.

TO ENSURE OPTIMAL PERFORMANCE, please follow these guidelines to keep your quartz watch functioning reliably and accurately:

- Replace the battery promptly. *If the seconds hand begins to move in 2–4 second intervals (end-of-life indicator, where applicable), have the battery replaced as soon as possible to prevent leakage and potential damage.*
- Avoid impacts. *Protect the watch from drops, vibrations, or strong shocks that may affect the movement or internal components.*
- Stay away from strong magnetic sources. *Although quartz watches are generally resistant to magnetism, strong magnetic fields may still affect performance.*
- Avoid extreme temperatures, which may reduce battery life or affect the precision of the movement.
- Pull the crown out during long-term storage and store the watch in a dry place at room temperature. *If the watch will not be worn for an extended period, gently pull the crown to the time-setting position to reduce battery consumption.*
- Service regularly. *After the warranty period, have the battery replaced, the movement inspected, and the water resistance re-certified by an authorized technician every 2 years.*

BY FOLLOWING THESE CARE INSTRUCTIONS, YOUR VE QUARTZ WATCH IS EXPECTED TO FUNCTION ACCURATELY AND RELIABLY FOR 10 YEARS OR MORE.

WATER RESISTANCE GUIDELINES

All VE watches are built to perform under demanding conditions — on land, in the air, or underwater.
The minimum water resistance for VE watches is 5 BAR (50 meters / 164 feet), with 20 BAR (200 meters / 660 feet) being standard for most models. This exceeds typical industry standards for everyday timepieces and ensures reliable protection for all types of watch enthusiasts.

TIP: Each VE model is clearly marked with its water resistance rating in BARs/ATMs or Meters.

NOTE: Water resistance is based on static pressure under laboratory conditions and does not represent actual diving depth.
REGULAR TESTING IS REQUIRED TO MAINTAIN WATER RESISTANCE.

⚠ WARNING:

- Always ensure the crown is fully screwed down before swimming or any contact with water.
- Do not operate the crown or pushers underwater or when the watch is wet.
- After exposure to saltwater or chlorine, rinse the watch with fresh water and dry it thoroughly.
- Avoid hot environments (e.g., saunas, hot tubs, steam rooms) that can degrade gaskets and seals.
- Prevent sudden temperature changes, which may impact internal pressure and seal performance.
- Water resistance should be tested every 2 years by an authorized VE service center, or immediately after any significant impact.
- VE uses industrial-grade gaskets and sealing components, which should be inspected and replaced during official service when necessary.

RATING	DEPTH EQUIVALENT	SUITABLE USE
3 BAR/ATM	30 m / 98 ft	Daily use – resistant to rain and splashes ONLY
5 BAR/ATM	50 m / 164 ft	Hand washing, light swimming
10 BAR/ATM	100 m / 330 ft	Swimming, snorkeling
20 BAR/ATM	200 m / 660 ft	Recreational scuba diving
30 BAR/ATM	300 m / 990 ft	Professional diving
100 BAR/ATM	1000 m / 3280 ft	Saturation diving ! ***HELIUM VALVE REQUIRED***

FACTORY TESTING AND CERTIFICATION:

- 100% of VE watches are individually tested for water resistance before leaving the factory, using ***Swiss Sigma SM8850-30*** Water Resistance Testers, in accordance with the water resistance rating marked on the case back (ranging from 5 to 30 ATM).
- Most of VE watches come with a Water Resistance (WR) pass certificate, confirming it meets the specified pressure standards.

⚠ **WARNING:** Opening the case back or servicing the watch through unauthorized providers will void the warranty, including water resistance coverage.

ⓘ **IMPORTANT:** In the event of a rapid or significant change in temperature, **TEMPORARY FOGGING** may appear on the inner side of the watch glass. This is a normal physical phenomenon caused by the condensation of microscopic moisture particles naturally present in the air inside the sealed case. The fogging typically disappears +/- 20 minutes, once the temperature stabilizes. It does not indicate water ingress, water resistance failure, or malfunction, and has no impact on the performance or accuracy. Therefore, ***it should not be considered a defect***.

How to Use and Adjust Watches with
TMI VK-SERIES MOVEMENTS
VK61 / VK63 / VK64 / VK67 / VK68 / VK73

OPERATING INSTRUCTIONS

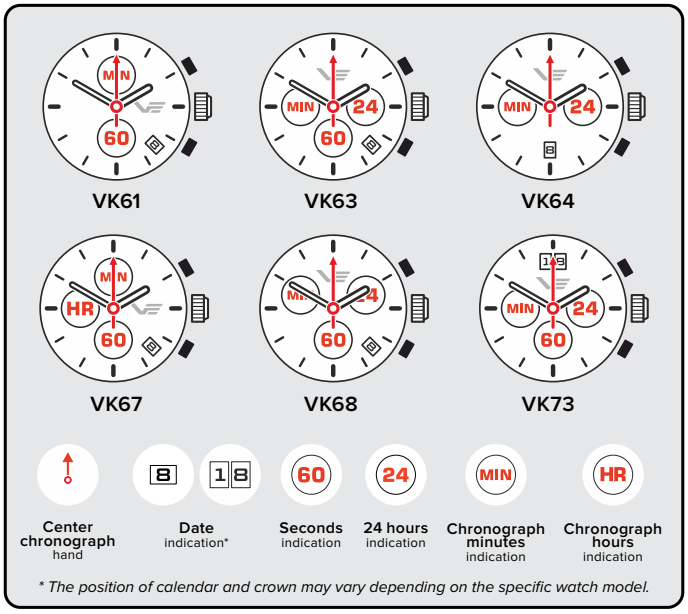
TMI VK-series meca-quartz movements by **Time Module Inc. (Japan)** combine quartz-regulated timekeeping with a mechanically driven chronograph module, providing high accuracy together with the tactile feel and reset action of a mechanical chronograph.

All VK-series movements share core time and chronograph functions, with specific variations depending on the model. The central chronograph seconds hand is mechanically actuated, ensuring a precise and instantaneous reset to zero.

THIS GUIDE EXPLAINS GENERAL USAGE, CARE INSTRUCTIONS AND SPECIFIC CHARACTERISTICS OF EACH MOVEMENT MODEL.

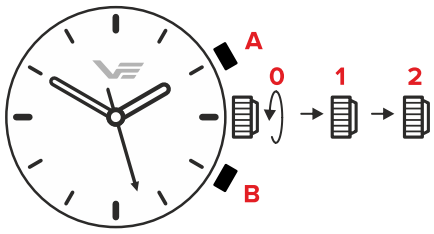
FEATURES & SPECIFICATIONS (All movements):

PARAMETER	SPECIFICATION
Movement Type	Meca-quartz chronograph
Jewels	0 jewels
Frequency	32,768 Hz
Accuracy Range	±20 seconds/month (factory standard)
Magnetic Resistance	≥ 1,600 A/m
Battery Life	Approx. 3 years
Battery Type	SR936SW



** The position of calendar and crown may vary depending on the specific watch model.*

ALL VK-SERIES VE MODELS USE A 3-POSITION CROWN AND TWO CHRONOGRAPH PUSHERS:



Position 0 / pushed in: Normal operation.
Position 1 / first click: Calendar setting.
Position 2 / second click: Time setting.
(The seconds hand stops)
Pusher A / upper: Start / Stop the chronograph.
Pusher B / lower: Reset the chronograph to “0/zero”.

ⓘ **IMPORTANT:** If your watch has a screw-down crown, always unscrew it first (counterclockwise) before adjusting, and screw it back in gently (clockwise) after all adjustments to maintain water resistance.

SETTING THE TIME (All models):
- Pull crown out to **Position 2.**
- Turn the crown to set time.
- Push the crown back (and screw down, if equipped) to resume operation.

ⓘ **IMPORTANT:** For **VK63**, **VK64**, **VK68**, and **VK73** movements, the 24-hour sub-dial hand linked to the main hour hand and moves simultaneously with it. **It cannot be adjusted independently.**

SETTING THE DATE (All models):
- Pull crown out to **Position 1**.
- Turn the crown clockwise to set date.
- Push the crown back (and screw down, if equipped) to resume operation.

⚠ **WARNING:** DO NOT adjust the calendar (date) between 9:00 P.M. and 3:00 A.M. as this will cause a malfunction. To ensure proper function, first adjust the time outside of this range before setting the calendar.

CHRONOGRAPH OPERATION (All models):
The central chronograph seconds hand moves in 1/5-second increments and resets instantly to the 12 o’clock position. The chronograph minute sub-dial records elapsed time in minutes (up to 60 minutes).

NOTE: The chronograph stops automatically after a measurement for 60 minutes.

TO MEASURE ELAPSED TIME
- Press **Pusher A** to start the chronograph.
- Press **Pusher A** again to stop. *(Stop and restart of the chronograph can be repeated as many times as necessary).*
- Press **Pusher B** to reset all chronograph hands to “0/zero”.

ⓘ **IMPORTANT:** Continuous chronograph use will reduce battery life.

RESET AFTER BATTERY CHANGE (All models):
- Pull crown out to **Position 2**.
- Press **Pusher B** for two seconds and release the pusher.
- Push the crown back (and screw down if equipped).

The small seconds hand (if equipped) will move at two-second interval for 10 seconds.

ⓘ **IMPORTANT:** If the crown is operated within this 10 seconds, the two-second interval movement will not activate.

NOTE: It is not necessary to adjust the chronograph hands after replacing the battery. If the chronograph hands are not correctly aligned, start and stop the chronograph using **Pusher A**, then press **Pusher B** to reset the chronograph.

How to Use and Adjust Watches with
MIYOTA 6S-SERIES MOVEMENTS
6S10 / 6S11 / 6S20 / 6S21 / 6S30

OPERATING INSTRUCTIONS

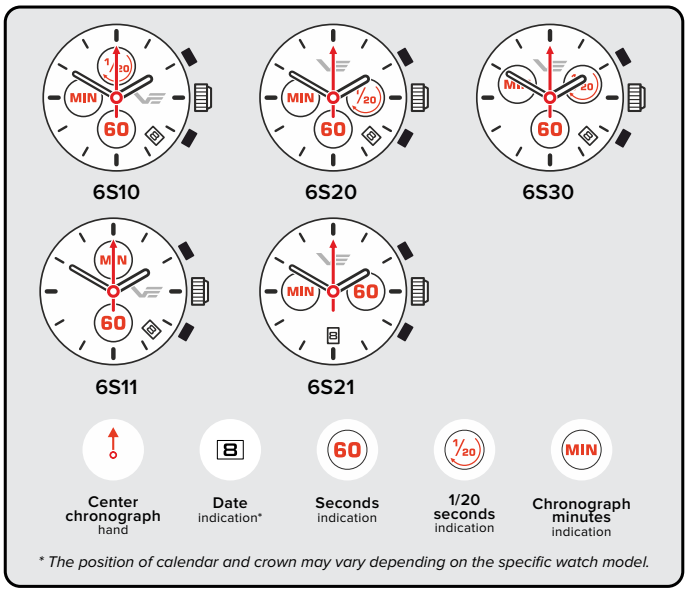
Chronograph movements from **Citizen Miyota Co. (Japan)** combine quartz-regulated timekeeping with advanced multi-function chronograph capabilities, delivering high accuracy alongside reliable everyday performance.

All 6S-series movements share core time and chronograph functions, with specific variations depending on the model. The pushers are designed to have a substantial clicking feel, similar to engaging the chronograph on a mechanical timepiece. The chronograph hand beats 4 times per second.

THIS GUIDE EXPLAINS GENERAL USAGE, CARE INSTRUCTIONS AND SPECIFIC CHARACTERISTICS OF EACH MOVEMENT MODEL.

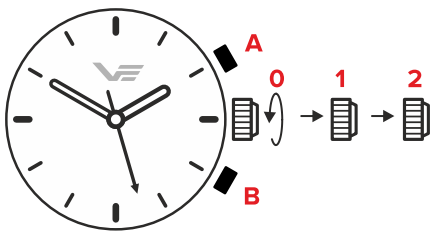
FEATURES & SPECIFICATIONS (All movements):

PARAMETER	SPECIFICATION
Movement Type	Quartz chronograph
Jewels	0 jewels
Frequency	32,768 Hz
Accuracy Range	±20 seconds/month (factory standard)
Battery Life	Approx. 4 years *(6S21 – 3 years)*
Battery Type	SR927W



** The position of calendar and crown may vary depending on the specific watch model.*

ALL 6S-SERIES VE MODELS USE A 3-POSITION CROWN AND TWO CHRONOGRAPH PUSHERS:



Position 0 / pushed in: Normal operation.
Position 1 / first click: Date setting.
Position 2 / second click: Time setting. *(The seconds hand stops)*
Pusher A / upper: Start / Stop the chronograph.
Pusher B / lower: Reset the chronograph to “0/zero”.

ⓘ **IMPORTANT:** If your watch has a screw-down crown, always unscrew it first (counterclockwise) before adjusting, and screw it back in gently (clockwise) after all adjustments to maintain water resistance.

SETTING THE TIME (All models):
- Pull the crown out to **Position 2.**
- Seconds hand stops (hacks). Turn the crown to set time.
- Push the crown back (and screw down, if equipped) to resume operation.

SETTING THE DATE (All models):
- Pull the crown out to **Position 1**.
- Turn the crown counterclockwise to set date.
- Push the crown back (and screw down, if equipped) to resume operation.

⚠ **WARNING:** DO NOT adjust the calendar (date) between 9:00 P.M. and 1:00 A.M. as this may not change on the following day. To ensure proper function, first adjust the time outside of this range before setting the calendar.

CHRONOGRAPH OPERATION (All models):
The central chronograph seconds hand moves in 1/4-second increments; time could be measured up to 59 minutes 59 seconds.

NOTE: The chronograph 1/20 seconds hand keeps continuously for 30 seconds after starting, and then stops at “0/zero”.

TO MEASURE ELAPSED TIME
- Press **Pusher A** to start the chronograph.
- Press **Pusher A** again to stop. *(Stop and restart of the chronograph can be repeated as many times as necessary).*
- Press **Pusher B** to reset all chronograph hands to “0/zero”.

ⓘ **IMPORTANT:** Continuous chronograph use will reduce battery life.

CHRONOGRAPH HANDS ADJUSTMENT (All models):
If the chronograph seconds hand is not at the “0/zero” position, perform the following adjustment:
- Pull the crown out to **Position 2**.
- **6S11 / 6S21:**
  - Press **Pusher A** to move the chronograph seconds hand clockwise in 1/4 second increments.
  - Press **Pusher B** once to set the chronograph minute hand to the “0/zero” position.
- **6S10 / 6S20 / 6S30:**
  - Press **Pusher A** tto move the chronograph seconds hand clockwise in 1/4-second increments.
  - Press **Pusher B** to set the chronograph minute hand to the “0/zero” position and to move the chronograph 1/20-seconds hand clockwise in 1/6-second increments.
- Push the crown back (and screw down, if equipped).

TIP: Press and hold the pushers to move the hands continuously faster.

NOTE: The chronograph minute hand is linked to the chronograph seconds hand adjustment.

CHRONOGRAPH RESET *(INCL. AFTER BATTERY CHANGE)*:
This procedure shoud be performed when the chronograph seconds and minute hands do not return to the “0/zero” position.
- Pull crown out to **Position 2**.
- **6S11 / 6S21**:
  - Press **Pusher A** once to set the chronograph seconds hand to the “0/zero” position.
- **6S10 / 6S20 / 6S30**:
  - Press **Pusher A** once to set the chronograph seconds hand to the “0/zero” position.
  - Press **Pusher B** once to set the chronograph 1/20 seconds hand to the “0/zero” position.
- Push the crown back (and screw down, if equipped).

TIP: Press and hold the pushers to move the hands continuously faster.

How to Use and Adjust Watches with
MIYOTA JS-SERIES MOVEMENTS
JS00 / JS05 / JS10 / JS15 / JS16 / JS20 / JS25 / JS26

OPERATING INSTRUCTIONS

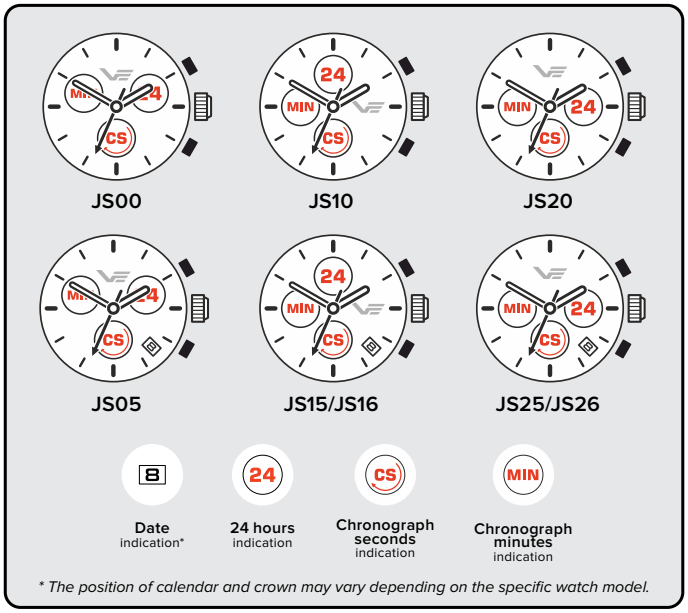
Small second chronograph movements from **Citizen Miyota Co. (Japan)** offer reliable quartz-regulated timekeeping paired with stopwatch capabilities, providing a compact and convenient solution for everyday wear. Unlike standard chronographs, where the center hand tracks seconds, these movements use a small sub-dial hand to perform the chronograph function.

All JS-series movements share core timekeeping functions, with specific variations depending on the model.

THIS GUIDE EXPLAINS GENERAL USAGE, CARE INSTRUCTIONS AND SPECIFIC CHARACTERISTICS OF EACH MOVEMENT MODEL.

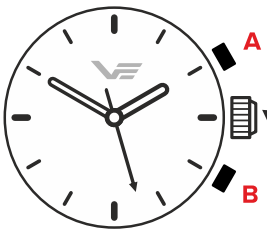
FEATURES & SPECIFICATIONS (All movements):

PARAMETER	SPECIFICATION
Movement Type	Small second quartz chronograph
Jewels	0 jewels
Frequency	32,768 Hz
Accuracy Range	±20 seconds/month (factory standard)
Battery Life	Approx. 3 years
Battery Type	SR621SW



** The position of calendar and crown may vary depending on the specific watch model.*

ALL JS05, JS15, JS16, JS25, JS26 VE MODELS USE A 3-POSITION CROWN AND TWO CHRONOGRAPH PUSHERS:



Position 0 / pushed in: Normal operation.
Position 1 / first click: Calendar setting.
Position 2 / second click: Time setting.
(The seconds hand stops)
Pusher A / upper: Start / Stop the chronograph.
Pusher B / lower: Reset the chronograph to “0/zero”.

ALL JS00, JS10, JS20 VE MODELS USE A 2-POSITION CROWN AND TWO CHRONOGRAPH PUSHERS:

Position 0 / pushed in: Normal operation.
Position 1 / first click: Time setting.
(The seconds hand stops).

ⓘ **IMPORTANT:** If your watch has a screw-down crown, always unscrew it first (counterclockwise) before adjusting, and screw it back in gently (clockwise) after all adjustments to maintain water resistance.

SETTING THE TIME (All models):
- Pull the crown our to **Position 1** (JS00, JS10, JS20 models) / **Position 2** (JS05, JS15, JS16, JS25, JS26 models).
- Turn the crown to set time.
- Push the crown back (and screw down, if equipped) to resume operation.

ⓘ **IMPORTANT:** The 24-hour sub-dial hand linked to the main hour hand and moves simultaneously with it. **It cannot be adjusted independently.**

SETTING THE DATE (JS05, JS15, JS16, JS25, JS26 models):
- Pull the crown out to **Position 1**.
- Turn the crown clockwise to set date.
- Push the crown back (and screw down, if equipped) to resume operation.

⚠ **WARNING:** DO NOT adjust the calendar (date) between 9:00 P.M. and 1:00 A.M. as this may not change on the following day. To ensure proper function, first adjust the time outside of this range before setting the calendar.

CHRONOGRAPH OPERATION (All models):
The chronograph could measure up to 29 minutes 59 seconds.

NOTE: The chronograph will stop automatically after running continuously for 30 minutes.

TO MEASURE ELAPSED TIME
- Press **Pusher A** to start the chronograph.
- Press **Pusher A** again to stop. *(Stop and restart of the chronograph can be repeated as many times as necessary).*
- Press **Pusher B** to reset all chronograph hands to “0/zero”.

ⓘ **IMPORTANT:** Continuous chronograph use will reduce battery life.

CHRONOGRAPH HANDS ADJUSTMENT / CHRONOGRAPH RESET *(INCL. AFTER BATTERY CHANGE)*:
If the chronograph seconds hand is not at the “0/zero” position, perform the following adjustment:
- Pull the crown out to **Position 1** (JS00, JS10, JS20 models) / **Position 2** (JS05, JS15, JS16, JS25, JS26 models).
- Press **Pusher A** to move the chronograph seconds hand clockwise.
- Press **Pusher B** to move the chronograph seconds hand counterclockwise.
- Push the crown back (and screw down, if equipped).

TIP: Press and hold the pushers to move the hands continuously faster.

How to Use and Adjust Watches with
MIYOTA JP-SERIES MOVEMENTS
JP11 / JP15 / JP25

OPERATING INSTRUCTIONS

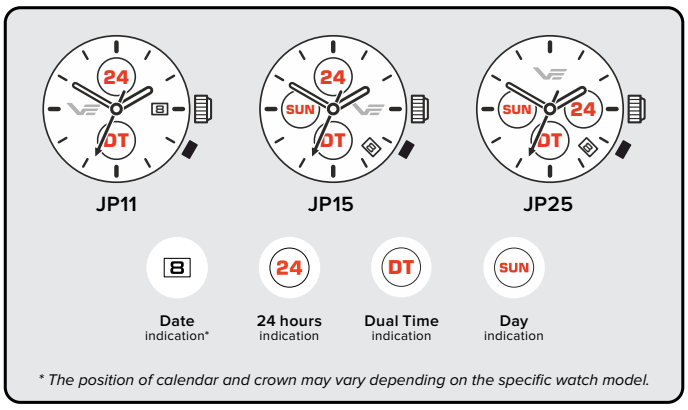
JP-series movements from **Citizen Miyota Co. (Japan)** combine precise quartz timekeeping with an integrated *Dual Time* function and 24 hours indication, enabling simultaneous display of local time and a second time zone. This provides a convenient solution for international travel, business communication, or keeping track of time in another part of the world.

All movements models share the same core timekeeping and Dual Time functions, with specific variations depending on the model.

THIS GUIDE EXPLAINS GENERAL USAGE, CARE INSTRUCTIONS AND SPECIFIC CHARACTERISTICS OF EACH MOVEMENT MODEL.

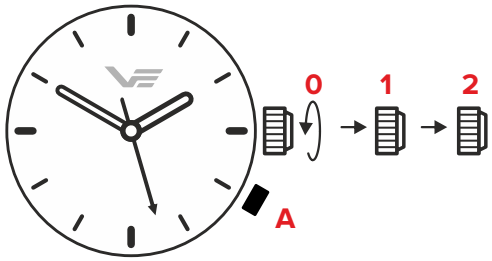
FEATURES & SPECIFICATIONS (All movements):

PARAMETER	SPECIFICATION
Movement Type	Quartz dual time
Jewels	0 jewels
Frequency	32,768 Hz
Accuracy Range	±20 seconds/month (factory standard)
Battery Life	Approx. 3 years
Battery Type	SR621SW



** The position of calendar and crown may vary depending on the specific watch model.*

ALL JP-SERIES VE MODELS USE A 3-POSITION CROWN AND A PUSHER:



Position 0 / pushed in: Normal operation.
Position 1 / first click: Date setting.
Position 2 / second click: Time & Day setting. *(The seconds hand stops)*
Pusher A: Dual time setting.

ⓘ **IMPORTANT:** If your watch has a screw-down crown, always unscrew it first (counterclockwise) before adjusting, and screw it back in gently (clockwise) after all adjustments to maintain water resistance.

SETTING THE TIME (All models):
- Pull the crown our to **Position 2.**
- Turn the crown to set time.
- Push the crown back (and screw down, if equipped) to resume operation.

ⓘ **IMPORTANT:** The 24-hour sub-dial hand linked to the main hour hand and moves simultaneously with it. **It cannot be adjusted independently.**

SETTING THE DATE (All models):
- Pull the crown out to **Position 1**.
- Turn the crown clockwise to set date.
- Push the crown back (and screw down, if equipped) to resume operation.

⚠ **WARNING:** DO NOT adjust the calendar (date) between 9:00 P.M. and 1:00 A.M. as this may not change on the following day. To ensure proper function, first adjust the time outside of this range before setting the calendar.

SETTING THE DAY (JP15, JP25 models):
- Pull the crown out to **Position 2**.
- Turn the crown clockwise to set the day.
- Push the crown back (and screw down, if equipped) to resume operation.

⚠ **WARNING:** DO NOT adjust the calendar (date) between 9:00 P.M. and 1:00 A.M. as this may not change on the following day. To ensure proper function, first adjust the time outside of this range before setting the calendar.

NOTE: The day is changed during the period from 0:00 A.M. to 5:00 A.M.

SETTING THE DUAL TIME (All models):
- Press **Pusher A** to move the Dual Time hand clockwise.

NOTE: The Dual Time hand advances in 15-minute increments with each press of the pusher.

TIP: Press and hold the pusher to move the hand continuously faster.

How to Use and Adjust Watches with
MIYOTA 6P-SERIES MOVEMENTS
6P00 / 6P20 / 6P21 / 6P24

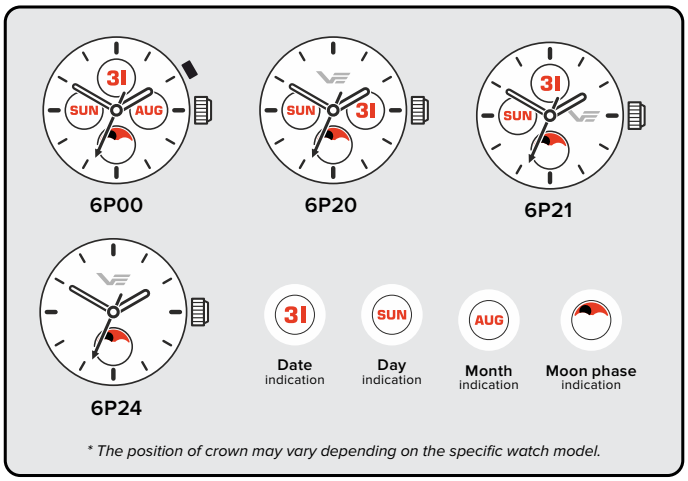
OPERATING INSTRUCTIONS

A highly reliable quartz multi-function movement line manufactured by **Citizen Miyota Co. (Japan)**. These calibers offer a distinctive analog display layout with moon phase indication. The moon phase display represents the current age of the moon.

THIS GUIDE EXPLAINS GENERAL USAGE, CARE INSTRUCTIONS AND SPECIFIC CHARACTERISTICS OF EACH MOVEMENT MODEL.

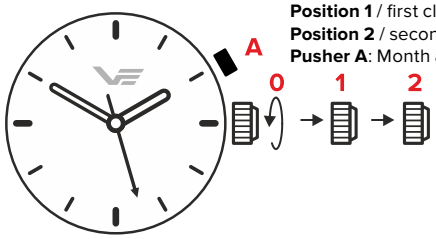
FEATURES & SPECIFICATIONS (All movements):

PARAMETER	SPECIFICATION
Movement Type	Quartz multi-function
Jewels	0 jewels
Frequency	32,768 Hz
Accuracy Range	±20 seconds/month (factory standard)
Battery Life	Approx. 3 years
Battery Type	SR621SW



** The position of crown may vary depending on the specific watch model.*

ALL 6P00, 6P20, 6P21, 6P24 VE MODELS USE A 3-POSITION CROWN:



Position 0 / pushed in: Normal operation.
Position 1 / first click. *(The seconds hand stops).*
Position 2 / second click *(The seconds hand stops).*
Pusher A: Month ajustment (6P00 ONLY).

ⓘ **IMPORTANT:** If your watch has a screw-down crown, always unscrew it first (counterclockwise) before adjusting, and screw it back in gently (clockwise) after all adjustments to maintain water resistance.

WARNING

OPERATING PROCEDURE FOR 6P00, 6P20, 6P21 MUST BE FOLLOWING:
1. Setting the day.
2. Setting the time.
3. Setting the moon phase.
4. Setting the month.
5. Setting the date.

1. SETTING THE DAY (6P00, 6P20, 6P21 models):
- Pull the crown out to **Position 2** when the seconds hand at the "0/zero".
- Turn the crown CLOCKWISE to set day by rotating the hour and minute hands.
- Push the crown back (and screw down, if equipped) to resume operation.

⚠ **WARNING:** DO NOT set the day by turning the crown counterclockwise. It may prevent the date from changing correctly on the following day.

NOTE: The day changes automatically between 12:00 A.M. and 6:00 A.M.

2. SETTING THE TIME (All models):
- Pull the crown out to **Position 2.**
- Turn the crown CLOCKWISE to set to set the time.
- Push the crown back (and screw down, if equipped) to resume operation.

ⓘ **IMPORTANT:** AM/PM must be set correctly before setting the time.

3. SETTING AND READING THE AGE OF THE MOON (All models):
The age of the moon is indicated in units of days. The average period from one new moon to the next new moon is approximately 29.5 days.

⚠ **WARNING:** Use the moon phase display only as a general guide to the age and phase of the moon when reading. The actual appearance of the moon during each phase is not represented exactly.

ⓘ **IMPORTANT:** Before setting the moon phase display, check the current moon age using a reliable source of information.

- Pull the crown out to **Position 1.**
- Turn the crown CLOCKWISE set the moon phase disc to the indication closest to the current moon age.

NEW MOON	FIRST QUARTER	FULL MOON	LAST QUARTER
Moon's age: 0 Spring tide	Moon's age: 7 Neap tide	Moon's age: 15 Spring tide	Moon's age: 22 Neap tide
			

TIP: More accurate moon phase disc settings can be made during a New Moon (0) or Full Moon (15).

4. SETTING THE MONTH (6P00 models ONLY):
- Press **Pusher A** ONCE to advance the hand to the next month.

⚠ **WARNING:** DO NOT set the month when the date hand is between the 26th and 31st. Move the date hand outside this period before adjusting the month. After adjustment, return the date hand to the correct setting.

NOTE: The month and date hands are synchronized. When adjusting the date at the end of months shorter than 31 days, the month indication automatically advances to the correct month.

ⓘ **IMPORTANT:** The month hand begins shifting to the next month around midnight on the 30th day and completes the change around midnight on the 31st day. On the 31st, the month hand may appear positioned between the current and following month indications.

5. SETTING THE DATE (6P00, 6P20, 6P21 models):
- Pull the crown out to **Position 1**.
- Turn the crown COUNTERCLOCKWISE to set date.

⚠ **WARNING:** DO NOT set the date between 9:00 P.M. and 12:30 A.M., as the date may not change correctly on the following day.

How to Use and Adjust Watches with
S.EPSON PX84 MOVEMENT

OPERATING INSTRUCTIONS

An analog quartz movement equipped with an automatic power-generating system developed by **S. Epson (Japan)**.

The movement features an oscillating rotor similar to those used in automatic mechanical watches. During normal wear, the motion of the wearer's arm causes the rotor to rotate, generating electrical energy that is stored in a rechargeable power cell to operate the watch.

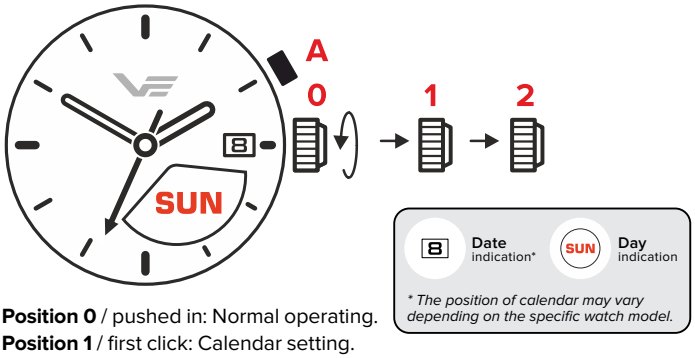
Unlike conventional quartz movements powered by disposable batteries, this movement uses a rechargeable power cell, eliminating the need for regular battery replacement under normal conditions of use.

THIS GUIDE EXPLAINS GENERAL USAGE AND CARE INSTRUCTIONS.

FEATURES & SPECIFICATIONS:

PARAMETER	SPECIFICATION
Movement Type	Quartz with automatic power generating system (Hybrid)
Jewels	6 jewels
Frequency	32,768 Hz
Power Reserve	~6 month when fully charged
Magnetic Resistance	≥ 1,600 A/m
Accuracy Range	±20 seconds/month (factory standard)
Battery Life	Rechargable
Battery Type	MT920 (Titanium-lithium-ion)

ALL PX84 VE MODELS USE A 3-POSITION CROWN:



Position 0 / pushed in: Normal operating.
Position 1 / first click: Calendar setting.
Position 2 / second click: Time setting. *(The seconds hand stops).*
Pusher: Power storage indicator.

ⓘ **IMPORTANT:** If your watch has a screw-down crown, always unscrew it first (counterclockwise) before adjusting, and screw it back in gently (clockwise) after all adjustments to maintain water resistance.

HOW TO START / MANUAL WINDING:

Swing the watch gently from side to side. The watch will start automatically using the INSTANT-START FUNCTION.
Swing the watch rhythmically at a rate of approximately twice per second until the seconds hand moves at normal one-second intervals.

ⓘ **IMPORTANT:** Shaking the watch excessively or very rapidly does not improve charging efficiency.

NOTE: You may hear a sound when you shake the watch. This is the sound of the oscillating weight of the power-generation system. THIS IS NOT A MALFUNCTION.

ⓘ **IMPORTANT:** If the watch has stopped and remained UNUSED FOR MORE THAN ONE YEAR, the seconds hand may not initially move normally. In this case, swing the watch until the seconds hand resumes moving at one-second intervals.

TIP: Approximately 250 swings generate a power reserve of up to 1 day.

SETTING THE TIME:

- Pull the crown out to **Position 2.**
- Turn the crown to set time.
- Push the crown back (and screw down if equipped) to resume operation.

ⓘ **IMPORTANT:** When the seconds hand moves at two-second intervals, the **POWER DEPLETION WARNING FUNCTION** has been activated. The watch may stop within approximately 24 hours.
In this case, wear the watch or swing it from side to side continuously to sufficiently recharge the power cell.

SETTING THE DATE AND DAY:

- Pull the crown out to **Position 1.**
- Turn the crown **CLOCKWISE** to set the date.
- Turn the crown **COUNTERCLOCKWISE** to set the day hand.
- Push the crown back (and screw down if equipped) to resume operation.

⚠ **WARNING:** DO NOT adjust the calendar (date) between 9:00 P.M. and 4:00 A.M. as this will cause a malfunction. To ensure proper function, first adjust the time outside of this range before setting the calendar.

USING THE POWER STORAGE INDICATOR.

The power storage indicator shows the amount of energy currently stored in the movement. This function helps determine when the watch should be worn or charged to maintain accurate operation.
The remaining power reserve is indicated by the seconds hand in 4 levels, providing an approximate indication of the remaining operating time.

- Press **Pusher A** when the seconds hand is at the "0/zero".
- The seconds hand moves to show the current power storage level.

0 SEC (no move)	5 SEC	10 SEC	20 SEC	30 SEC
				
less than 24 hours	1+ day	1+ week	1+ month	6+ months

- After the power storage level displayed, the seconds hand returns to normal maintaine after a while.

To **INCREASE THE POWER RESERVE**, the movement must be charged by wearing the watch regularly. Natural wrist motion winds the movement via the automatic rotor.

TIP: Wear the watch daily for 9+ hours to maintain sufficient stored energy.

⚠ **WARNING:** If the watch has a see-trough case back, avoid exposing it to strong light sources such as direct sunlight or incandescent light at close range. This may temporarily increase power consumption and reduce the power reserve. Normal operation will resume once the watch is removed from the light source.

⚠ **WARNING:** NEVER INSTALL A SILVER OXIDE BATTERY for conventional watches in place of the rechargeable unit.
THE BATTERY MAY BURST, BECOME VERY HOT OR CATCH FIRE.

How to Use and Adjust Watches with

S.EPSON YM-SERIES MOVEMENTS

YM26 / YM86 / YM8J

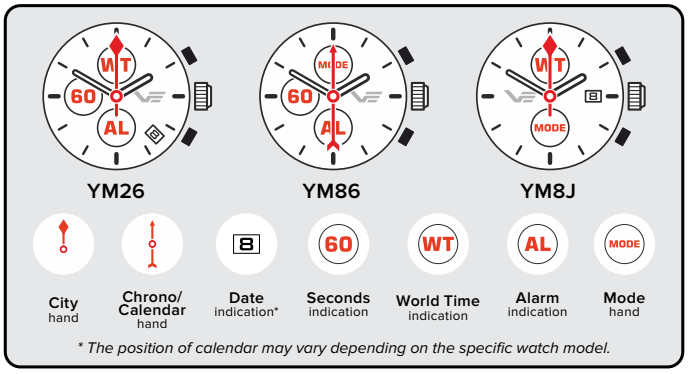
OPERATING INSTRUCTIONS

YM-series is a family of premium, highly reliable multi-function quartz movements manufactured by **S. Epson (Japan)**.
It combines precise timekeeping with precise functionality and complex multi-hand analog display layouts.

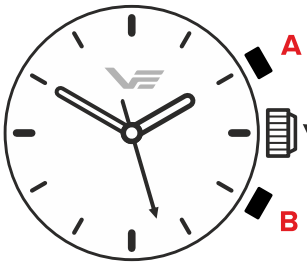
THIS GUIDE EXPLAINS GENERAL USAGE, CARE INSTRUCTIONS AND SPECIFIC CHARACTERISTICS OF EACH MOVEMENT MODEL.

FEATURES & SPECIFICATIONS (All movements):

PARAMETER	SPECIFICATION
Movement Type	Quartz multi-function
Jewels	0 jewels
Frequency	32,768 Hz
Accuracy Range	±20 seconds/month (factory standard)
Magnetic Resistance	≥ 1,600 A/m
Battery Life	Approx. 3 years
Battery Type	SR927SW



** The position of calendar may vary depending on the specific watch model.*



ALL YM-SERIES VE MODELS USE A 3-POSITION CROWN:

Position 0 / pushed in: Normal operation.
Position 1 / first click. *(The seconds hand stops)*
Position 2 / second click: Time setting.
Pusher A / upper.
Pusher B / lower.

ⓘ **IMPORTANT:** If your watch has a screw-down crown, always unscrew it first (counterclockwise) before adjusting, and screw it back in gently (clockwise) after all adjustments to maintain water resistance.

SETTING THE TIME (All models):
- Pull the crown out to **Position 2.**
- Seconds hand stops (hacks). Turn the crown to set time.
- Push the crown back (and screw down, if equipped) to resume operation.

SETTING THE DATE (YM26 & YM8J models):
- Pull the crown out to **Position 1**.
- Turn the crown clockwise to set date.
- Push the crown back (and screw down, if equipped) to resume operation.

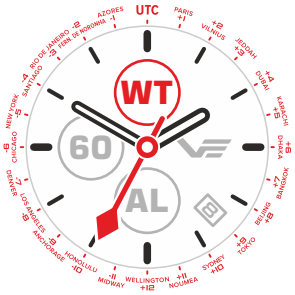
⚠ **WARNING:** DO NOT adjust the calendar (date) between 9:00 P.M. and 1:00 A.M. as this may not change on the following day.
To ensure proper function, first adjust the time outside of this range before setting the calendar.

WARNING | **IT IS NECESSARY TO PERFORM THE SYSTEM RESET BEFORE SETTING FUNCTIONS.**

TO MAKE THE SYSTEM-RESET (All models):
- Pull the crown out to **Position 2.**
- Press and hold both **Pusher A** and **Pusher B** for 2+ seconds.
- Push the crown back (and screw down, if equipped) to resume operation.

ⓘ **IMPORTANT:** After the system reset is performed, the World Time, City, and Alarm Time must be set on YM26 models, while the hands must be adjusted to the "0/zero" position on YM8J/YM86 models.

YM26 OPERATIONS



The YM26 movement is equipped with a **World Time function** that simultaneously displays time in multiple time zones. The selected City/Time Zone is indicated by the central City hand, while the corresponding local time is displayed on the World Time subdial in 24-hour format.

TO CHANGE THE CITY/TIME ZONE INDICATION:
- Press **Pusher A** to move the central City hand CLOCKWISE.
- Press **Pusher B** to move the hand COUNTERCLOCKWISE through the available Cities/Time Zones.

NOTE: The World Time subdial is linked to the city indicated by the central City hand and automatically displays the corresponding local time in 24-hour format.

SETTING THE WORLD TIME AND ALARM TIME HANDS:

WARNING | **THE HANDS MUST BE ADJUSTED IN THE FOLLOWING ORDER:**
Alarm hands ▸ City hand ▸ World Time hands
Otherwise, repeat the procedure from the beginning.

- Pull the crown out to **Position 2.** *(The Alarm hands will rotate through one full circle and can then be set to the same time indicated by the main time hands.)*
- Press **Pusher B** to set the **Alarm hands**.
- Press and hold **Pusher A** for 2+ seconds to activate setting mode for the CITY hand. *(The City hand will rotate through one full circle.)*
- Press **Pusher B** to set the **City hand**.
- Press and hold **Pusher A** for 2+ seconds to activate setting mode for the **World Time hands**. *(The World Time hands will rotate through one full circle.)*
- Press **Pusher B** to set the **World Time hands** according to the selected City/Time Zone.
- Push the crown back (and screw down, if equipped) to resume operation.

ALARM FUNCTION:
The alarm can be set to ring once at a designated time within the coming 12 hours. The alarm time can be adjusted in one-minute increments.
At the designated time, the alarm will sound for approximately 20 seconds and will automatically disengage when the alarm stops.

NOTE: Press any pusher to stop the alarm manually.

SET THE SINGLE-TIME ALARM TIME:
- Pull the crown out to **Position 1.**
- Press **Pusher B** to set Alarm hands.

TIP: Press and hold the pusher to move the hands rapidly.

ⓘ **IMPORTANT:** The hands stop when they reach the current time. Release and press the pusher again to continue moving the alarm hands.

- Push the crown back (and screw down, if equipped) to resume operation.

CANCEL THE ALARM (WHEN ALARM TIME IS SET):

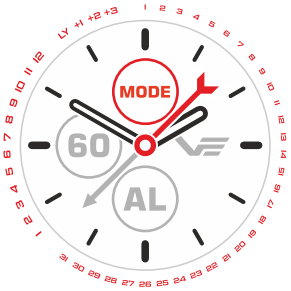
- Pull the crown out to **Position 1.**
- Press and hold **Pusher B** until the Alarm hands stop and indicate the current time.
- Push the crown back (and screw down, if equipped) to resume operation.

ALARM SOUND DEMONSTRATION:

- Pull the crown out to **Position 1.**
- Press and hold **Pusher A** for 2+ seconds.
- Push the crown back (and screw down, if equipped) to resume operation.

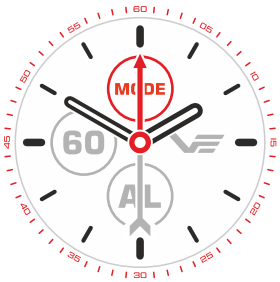
YM86 OPERATIONS

The YM86 movement features two operating modes: Perpetual Calendar mode and Chronograph mode. The selected mode is indicated on the Mode subdial.



When the **Mode hand** indicates the day of the week, the movement is operating in **PERPETUAL CALENDAR MODE**.

The calendar indications are displayed by the **FORKED END** of the central Chrono/Calendar hand.



When the **Mode hand** points to the “Chronograph/CHR” mark, the movement is operating in **CHRONOGRAPH MODE**.

The chronograph indications are displayed by the **ARROW END** of the central Chrono/Calendar hand.

TO SWITCH BETWEEN THE MODES: Press **Pusher B.**

ⓘ **IMPORTANT:** The function of **Pusher A** depends on the currently selected mode.

SETTING HANDS TO “0/ZERO” POSITION:

WARNING

THE HANDS MUST BE ADJUSTED IN THE FOLLOWING ORDER:

Alarm hands ▸ Chrono/Calendar hand ▸ Mode hand

Otherwise, repeat the procedure from the beginning.

- Pull the crown out to **Position 2.**
- Press and hold **Pusher A** for 5+ seconds to activate setting mode for the **Alarm hands**. *(Hands will rotate and stop automatically.)*
- Press **Pusher B** to set the **Alarm hands** to “o/zero” position.
- Press **Pusher A** to activate setting mode for the **Chrono/Calendar hand**. *(The hand will rotate and stop automatically.)*
- Press **Pusher B** to set the **Chrono/Calendar hand** to “o/zero” position.
- Press **Pusher A** to activate setting mode for the **Mode hand**. *(The hand will rotate and stop automatically.)*
- Press **Pusher B** to set the **Mode hand** to the “Monday” position.
- Push the crown back (and screw down, if equipped) to resume operation.

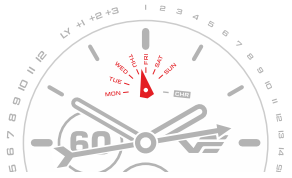
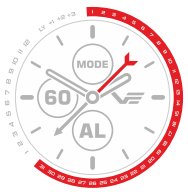
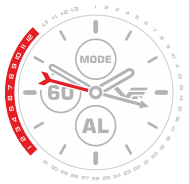
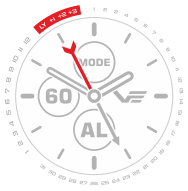
NOTE: If the current date and time have already been set correctly, the small hands will automatically move to the appropriate positions.

PERPETUAL CALENDAR:

An automatically adjusted calendar system that displays the correct date and day according to the length of each month, including leap years – calendar years containing 366 days, occurring every four years.

Once correctly set, the calendar will display the correct date without requiring manual adjustment until **February 28, 2100**.

The current day and date indications are displayed by the forked end of the central Chrono/Calendar hand and by the Mode hand.

DAYS	DATES
	
MONTHS	**LEAP YEARS**
	

SETING THE CALENDAR:

- Pull the crown out to **Position 1.**
- Press and hold **Pusher A** for 5+ seconds to activate setting mode for the central **Chrono/Calendar hand**. *(The hand will rotate to the date sector.)*
- Press **Pusher B** to set the date.
- Press **Pusher A** to activate the “Day” setting mode for the **Mode hand**. *(The Mode hand will rotate and stop automatically.)*
- Press **Pusher B** to set the **Day** of the week.
- Press **Pusher A** to activate the “Month” setting mode for the central **Chrono/Calendar hand**. *(The hand will rotate to the month sector.)*
- Press **Pusher B** to set the **Month**.
- Press **Pusher A** to activate the “Leap Year” setting mode for the central **Chrono/Calendar hand**. *(The hand will rotate to the leap year sector.)*
- Press **Pusher B** to set the **Leap year**.
- Push the crown back (and screw down, if equipped) to resume operation.

TO CHANGE THE INDICATION OF DATE / MONTH / LEAP YEAR:

- Press **Pusher B** to change the indication of the Chrono/Calendar hand to the month display.
- Press **Pusher B** again to change the indication of the Chrono/Calendar hand to the leap year display.
- Press **Pusher B** again to change the indication of the Chrono/Calendar hand to the date display.

NOTE: After approximately 10 seconds without operating the pushers or crown, the Chrono/Calendar hand automatically returns to the date indication.

ALARM FUNCTION:

The alarm can be set to ring once at a designated time within the coming 24 hours. At the designated time, the alarm will sound for approximately 20 seconds and will automatically disengage when the alarm stops.

TIP: Press any pusher to stop the alarm manually.

SET THE SINGLE-TIME ALARM TIME:

- Pull the crown out to **Position 1.**
- Press **Pusher B** to set Alarm hands.

TIP: Press and hold the pusher to move the hands rapidly.

ⓘ **IMPORTANT:** The hands stop when they reach the current time. Release and press the pusher again to continue moving the alarm hands.

- Push the crown back (and screw down, if equipped) to resume operation.

CANCEL THE ALARM (WHEN ALARM TIME IS SET):

- Pull the crown out to **Position 1.**
- Press and hold **Pusher B** until the alarm hands stop and indicate the current time.
- Push the crown back (and screw down, if equipped) to resume operation.

ALARM SOUND DEMONSTRATION:

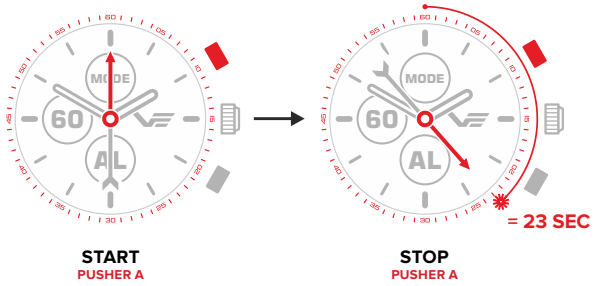
- Pull the crown out to **Position 0.**
- Press and hold **Pusher A** for 2+ seconds.
- **If equipped,** screw the crown down.

CHRONOGRAPH FUNCTION:

The YM86 movement can measure time as elapsed time or split time. The central Chrono/Calendar hand moves in 1/5-second increments; time can be measured for up to 24 hours.

NOTE: When the measurement reaches 24 hours, the chronograph automatically stops counting.

The **ELAPSED TIME** function measures the total duration of an event from start to finish without interruption.

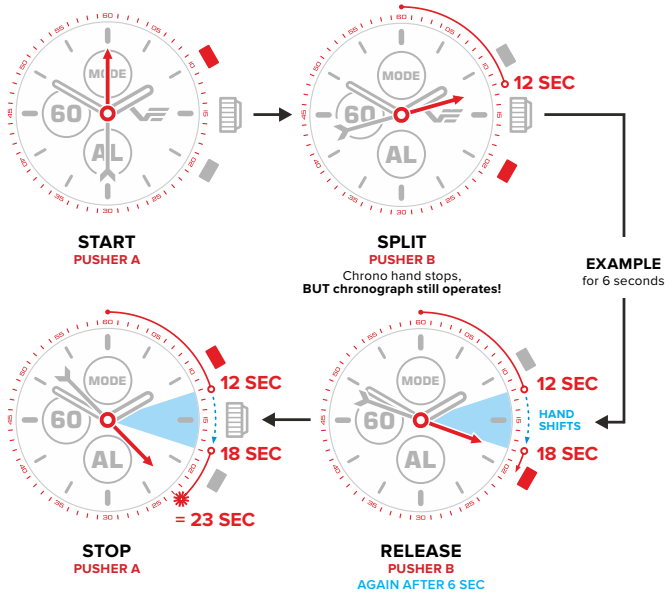


TO MEASURE ELAPSED TIME:

- Press **Pusher A** to start the chronograph.
- Press **Pusher A** again to stop. *(Stop and restart of the chronograph can be repeated as many times as necessary).*
- Press **Pusher B** to reset all chronograph hands to “0/zero” positions.

TIP: Useful for timing activities such as travel time, running time, or the duration of a process or event.

The **SPLIT TIME** function allows measurement of intermediate times while the chronograph continues running, i.e., the chronograph display can be temporarily stopped to read an intermediate time while the internal timing operation continues uninterrupted.



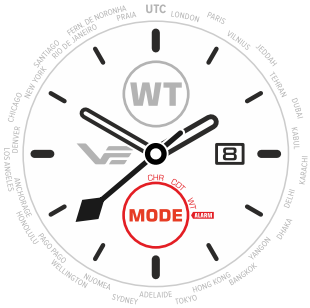
TO MEASURE SPLIT TIME:

- Press **Pusher A** to start the chronograph.
- Press **Pusher B** to split.
- Press **Pusher B** again to split reliease.
  (The split and split-release operations can be repeated as many times as necessary while the chronograph continues running).
- Press **Pusher A** to stop.
- Press **Pusher B** to reset all chronograph hands to “0/zero” positions.

TIP: Useful for recording lap times or comparing the times of multiple events occurring during the same timing session.

ⓘ **IMPORTANT:** Continuous chronograph use will reduce battery life.

YM8J OPERATIONS



A highly sophisticated multi-function movement that operates in five modes.
In addition to standard time and date indication, the movement features World Time, Chronograph, Countdown Timer, Day indication, and World Time Alarm functions.

The currently active function is indicated by the hand on the dedicated Mode subdial.

TO SWITCH BETWEEN THE MODES: Press **Pusher B.**
(When the mode changes to the initial display the beep sounds.)

NOTE: The initial display mode is “World Time”, when movement indicates hours, minutes, and seconds with the main hands, while the current Day of the week and World Time are displayed on the subdials.

ⓘ **IMPORTANT:** Depending on the selected mode, the hands and pushers perform different functions related to the active operation mode.

TIP: Press and hold **Pusher B** for 3+ seconds to instant change to the initial display.

SETTING HANDS TO “0/ZERO” POSITION:

WARNING

THE HANDS MUST BE ADJUSTED IN THE FOLLOWING ORDER:
World Time hands ▶ City hand ▶ Mode hand
Otherwise, repeat the procedure from the beginning.

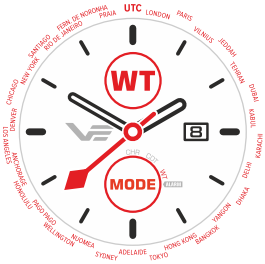
TIP: Press and hold the **Pusher B** to move the hands rapidly.

- Pull the crown out to **Position 2.**
- Press and hold **Pusher A** for 5+ seconds to activate setting mode for the **World Time hands**. *(Hands will rotate and stop automatically).*
- Press **Pusher B** to move the **World Time hands** to “o/zero” position.
- Press **Pusher A** to activate setting mode for the **City hand**. *(The hand will rotate and stop automatically.)*
- Press **Pusher B** to move the **City hand** to “o/zero” position.
- Press **Pusher A** to activate setting mode for the **Mode hand**. *(The hand will rotate and stop automatically.)*
- Press **Pusher B** to move the **Mode hand** to the “o/zero” position.
- Push the crown back (and screw down, if equipped) to resume operation.

NOTE: If the current date and time have already been set correctly, the small hands will automatically move to the appropriate positions.

WORLD TIME FUNCTION:

(Initial display)



It simultaneously displays the time in 30 time zones. The selected City/Time Zone is indicated by the central City hand, while the corresponding local time is displayed on the World Time subdial in 24-hour format.

SETING THE WORLD TIME HANDS:

- Press **Pusher B** to select the World Time mode.
- Pull the crown out to **Position 1.** *(The City hand will rotate and stop at the currently selected City/Time Zone, while the World Time hands will stop at the currently set time for the selected City/Time Zone.)*
- Press **Pusher A** to set the central City hand.
- Press **Pusher B** to set the World Time hands.

TIP: Press and hold the pusher to move the hands rapidly.

- Push the crown back (and screw down, if equipped) to resume operation.

TO CHANGE THE CITY/TIME ZONE INDICATION:

- Press **Pusher B** to select the World Time mode.
- Press and hold **Pusher A** for 2+ seconds to activate the “World Time” changing mode for the City hand. *(The City hand will rotate and stop at curently set City/Time Zone.)*
- Press **Pusher A** again to change the City/Time Zone.

NOTE: The World Time subdial is linked to the city indicated by the central City hand and automatically displays the corresponding local time in 24-hour format when the City/Time Zone is changed.

NOTE: After 3 seconds without pusher operation, the City hand returns to the second-hand display.

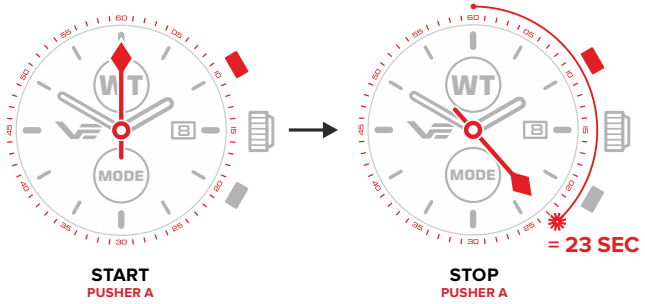
CHRONOGRAPH FUNCTION:

The YM8J movement can measure time as elapsed time or split time for up to 24 hours. The central City hand operates as the central chronograph hand and moves in 1/2-second increments, while the Mode hand measures 1/20-second increments. The World Time hour and minute hands measure up to 24 hours from the start of chronograph operation.

NOTE: After the chronograph is started, the 1/20-second indication automatically stops after 1 minute at “0/zero” position.

NOTE: When the measurement reaches 24 hours, the chronograph automatically stops counting.

The **ELAPSED TIME** function measures the total duration of an event from start to finish without interruption.

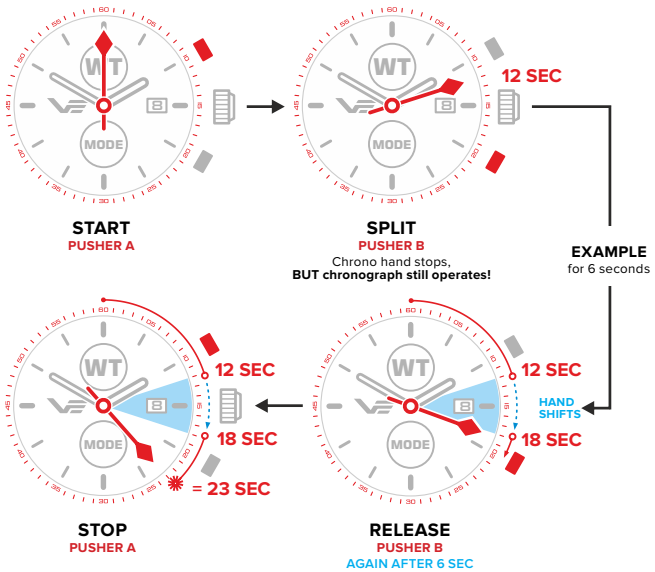


TO MEASURE ELAPSED TIME:

- Press **Pusher A** to start the chronograph.
- Press **Pusher A** again to stop. *(Stop and restart of the chronograph can be repeated as many times as necessary).*
- Press **Pusher B** to reset all chronograph hands to “0/zero” positions.

TIP: Useful for timing activities such as travel time, running time, or the duration of a process or event.

The **SPLIT TIME** function allows measurement of intermediate times while the chronograph continues running, i.e., the chronograph display can be temporarily stopped to read an intermediate time while the internal timing operation continues uninterrupted.



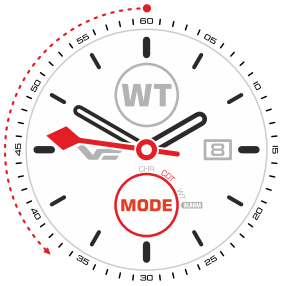
TO MEASURE SPLIT TIME:

- Press **Pusher A** to start the chronograph.
- Press **Pusher B** to split.
- Press **Pusher B** again to split reliease. *(The split and split-release operations can be repeated as many times as necessary while the chronograph continues running).*
- Press **Pusher A** to stop.
- Press **Pusher B** to reset all chronograph hands to “0/zero” positions.

TIP: Useful for recording lap times or comparing the times of multiple events occurring during the same timing session.

ⓘ **IMPORTANT:** Continuous chronograph use will reduce battery life.

COUNTDOWN TIMER FUNCTION:



It allows measurement of a preset time interval in reverse order, during which the central City hand and the World Time subdial hands move counterclockwise for up to 24 hours. Once the countdown is completed, the watch automatically emits an alarm signal.

ⓘ **IMPORTANT:** The factory default countdown setting is 10 minutes. **THE DESIRED COUNTDOWN INTERVAL MUST BE SET BEFORE USE.**

PRESETING THE COUNTDOWN TIME:

- Press **Pusher B** to select the Countdown mode.
- Pull the crown out to **Position 1.**
- Press **Pusher A** to move the World Time hands counterclockwise.
- Press **Pusher B** to move the World Time clockwise.

TIP: Press and hold the pusher to move the hands rapidly.

- Push the crown back (and screw down, if equipped) to resume operation.

⚠ **WARNING:** The preset countdown time remains stored until a system reset is performed or the hands are reset to the “0/zero” position.

USING THE COUNTDOWN TIMER:

- Press **Pusher B** to select the Countdown mode.
- Press **Pusher A** to start the countdown.
- Press **Pusher A** to stop the countdown. *(The countdown can be stopped and restarted as many times as necessary).*
- Allow the countdown to continue until the **Alarm sounds**, or press **Pusher B** to reset all hands to “0/zero” position.

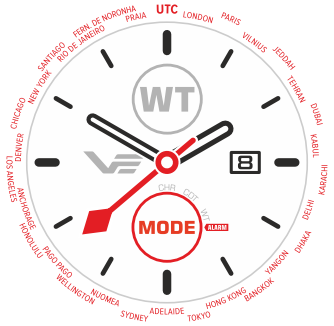
NOTE: Press any pusher to stop the alarm manually.

ⓘ **IMPORTANT:** After the countdown is completed or reset, the subdial hands automatically return to the preset countdown time.

WORLD TIME ALARM FUNCTION:

It allows the alarm to be set according to the time displayed on the World Time subdial for the selected City/Time Zone. This function provides use alarms for another City/Time Zone without affecting the main local time indication.

The alarm can be set to sound every 24 hours at a designated time for the selected City/Time Zone. Once the preset World Time alarm time is reached, the watch automatically emits an alarm signal.



ⓘ **IMPORTANT:** To use the Alarm function with the main time indication, ensure that the correct local City/Time Zone is selected for both.

SETTING THE WORLD TIME ALARM:

- Press **Pusher B** to select the Alarm mode.
- Pull the crown out to **Position 1.**
- Press **Pusher A** to move the City/Time Zone hand clockwise to set Alarm City/Time Zone.
- Press **Pusher B** to move the World Time clockwise to set Alarm time.

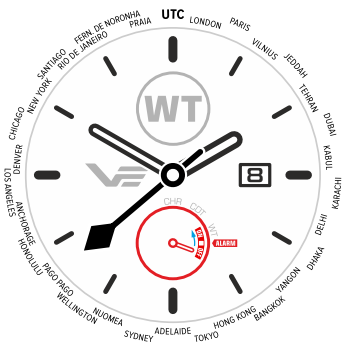
TIP: Press and hold the pusher to move the hands rapidly.

- Push the crown back (and screw down, if equipped) to resume operation.
- Press **Pusher A** to set Alarm to “ON”.

ⓘ **IMPORTANT:** Alarm sounds when World Time (sub dial indication) at setted City/Time Zone matches setted Alarm time at the same City/Time Zone.

USING THE WORLD TIME ALARM:

- Press **Pusher B** to select the Alarm mode.
  - If Alarm was NOT setted before, the Mode hand stops at “OFF” position and the World Time and City hands are at “o/zero” position.
  - If Alarm was setted before, the Mode hand stops at “OFF” position and the World Time and City hands indicate the last setted position.



- Press **Pusher A** to set Alarm to “ON”.
- Press **Pusher A** again to set Alarm to “OFF”.
  (The Alarm can be setted “ON” and “OFF” as many times as necessary).
- Allow the time to continue until the **Alarm sounds**.

NOTE: Press any pusher to stop the alarm manually.

⚠ **WARNING:** While the Alarm is ringing, pressing any pusher will only stop the alarm, and the operation for each function is invalid except chronograph.

⚠ **WARNING:** While the chronograph or timer is measuring, that display is interrupted when the alarm sounds.

How to Use and Adjust Watches with
S.EPSON SOLAR-POWERED MOVEMENTS
VS42 / VR42 / VS57

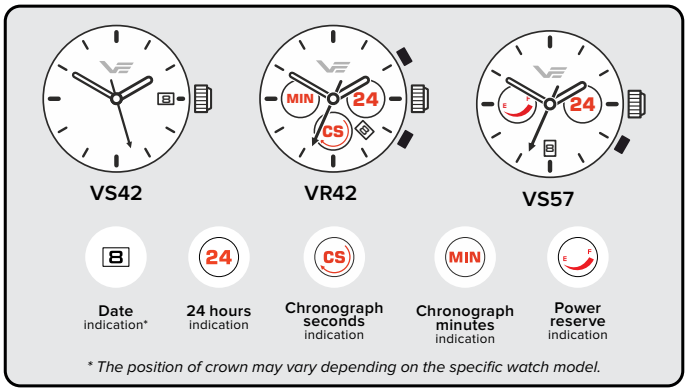
OPERATING INSTRUCTIONS

Solar-powered quartz calibers manufactured by **S. Epson (Japan)** are innovative movements that convert any form of light into electrical energy using a solar cell underneath the dial. The generated energy is stored in a rechargeable battery, eliminating the need for regular battery replacement under normal conditions of use.

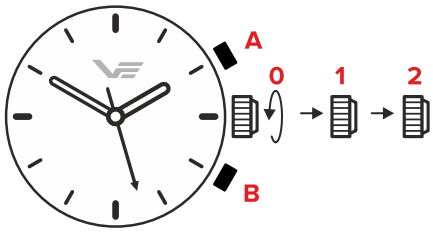
THIS GUIDE EXPLAINS GENERAL USAGE, CARE INSTRUCTIONS AND SPECIFIC CHARACTERISTICS OF EACH MOVEMENT MODEL.

FEATURES & SPECIFICATIONS (All movements):

PARAMETER	SPECIFICATION
Movement Type	Solar-powered quartz
Jewels	0 jewels *(VS57, VR42)* / 2 jewels *(VS42)*
Frequency	32,768 Hz
Accuracy Range	±20 seconds/month (factory standard)
Magnetic Resistance	≥ 1,600 A/m
Running Time	~5 month when fully charged *(VS57, VR42)* ~12 month when fully charged *(VS42)*
Secondary Battery	TS920E (Lithium metal)



** The position of crown may vary depending on the specific watch model.*



ALL SOLAR-POWERED VE MODELS USE A 3-POSITION CROWN:

Position 0 / pushed in: Normal operation.
Position 1 / first click: Date setting.
Position 2 / second click: Time setting.
(The seconds hand stops)

Pusher A / upper: VR42 ONLY.
Pusher B / lower: VS57 & VR42 ONLY.

ⓘ **IMPORTANT:** If your watch has a screw-down crown, always unscrew it first (counterclockwise) before adjusting, and screw it back in gently (clockwise) after all adjustments to maintain water resistance.

TO START THE WATCH (All models):

If the watch has been stored for a long period in a dark place or the rechargeable battery has become fully discharged, **EXPOSE THE DIAL TO NATURAL OR ARTIFICIAL LIGHT** (more than 1,000 lx).

When charging starts, the seconds hand will move at two-second intervals. This indicates that the watch has started operating, but the rechargeable power cell is not yet sufficiently charged.

Continue charging the watch until the seconds hand resumes moving at one-second intervals. The watch is then ready for normal operation.

⚠ **WARNING:** DO NOT place the watch too close to high-intensity light sources while charging, as excessive heat may damage the internal components of the watch. **ENSURE THAT THE WATCH TEMPERATURE DOES NOT EXCEED 50°C (122°F).**

TIP: To maintain sufficient power:
- Avoid covering the watch dial with clothing while wearing it.
- Store the watch in a well-lit place whenever it is not in use.

SETTING THE TIME (All models):
- Pull crown out to **Position 2.**
- Seconds hand stops (hacks). Turn the crown to set time.
- Push the crown back (and screw down, if equipped) to resume operation.

ⓘ **IMPORTANT:** For **VR42** and **VS57** movements, the 24-hour sub-dial hand is linked to the main hour hand and moves simultaneously with it. **It cannot be adjusted independently.**

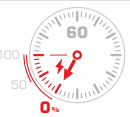
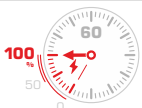
SETTING THE DATE (All models):
- Pull crown out to **Position 1**.
- Turn the crown clockwise to set date.
- Push the crown back (and screw down, if equipped) to resume operation.

⚠ **WARNING:** DO NOT adjust the calendar (date) between 9:00 P.M. and 3:00 A.M. as this will cause a malfunction. To ensure proper function, first adjust the time outside of this range before setting the calendar.

BATTERY INDICATOR GUIDELINES/ POWER RESERVE: (VR42 & VS57 models ONLY)

VR42 MODELS

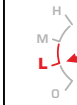
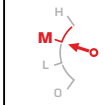
The VR42 movement is equipped with a power reserve indication function using the chronograph seconds hand. When activated, it indicates the current power reserve level.
- Press **Pusher B** for 2 seconds to check the power reserve level. *(The hand automatically returns to its normal position after 2 seconds.)*

LEVEL	LOW	MIDDLE	HIGH
DISPLAY			
Approximal running time	30 days or less	30-90 days	90+ days

ⓘ **IMPORTANT:** To ensure correct operation of the power reserve indication function, the chronograph seconds hand must be adjusted to the "0/zero" position.

VS57 MODELS

The battery indicator hand always displays the power reserve level.

LEVEL	0 / ZERO	LOW	MIDDLE	HIGH
DISPLAY				
Approximal running time	Charging needed	30 days or less	30-90 days	90+ days

If it is not aligned with the correct indication, it must be adjusted.
- Pull the crown out to **Position 2**.
- Press **Pusher B** to reset the indicator hand. ***Pic. 1*** *(The hand automatically moves counterclockwise.)*
- Press and hold Pusher B to move the hand clockwise until it reaches the "0/zero" position. ***Pic. 2*** *(The hand rotates through a full circle.)*
- Push the crown back (and screw down, if equipped) to resume operation.


Pic. 1


Pic. 2

CHARGING TIMES (All models):

Your watch is powered by light. A solar cell beneath the dial converts both natural and artificial light into electrical energy, which is stored in a rechargeable battery.

For the best performance, expose the watch to light regularly. Under normal daily use, regular exposure to light is usually sufficient to maintain the watch's power reserve for approximately 30–90 days of operation.

ⓘ **IMPORTANT:** When the power reserve becomes critically low, the seconds hand starts moving at 2-second intervals. This indicates that the POWER DEPLETION WARNING FUNCTION has been activated.

If the watch has been stored in darkness for an extended period, it may stop due to a depleted battery and must be recharged before use.

The table below provides approximate charging times under various lighting conditions. Actual charging time may vary depending on the light source and its intensity.

⚠ **WARNING:** DO NOT place the watch too close to high-intensity light sources while charging, as excessive heat may damage the internal components of the watch. **ENSURE THAT THE WATCH TEMPERATURE DOES NOT EXCEED 50°C (122°F).**

TIP: To maintain sufficient power:
- Avoid covering the watch dial with clothing while wearing it.
- Store the watch in a well-lit place whenever it is not in use.

LIGHT LEVEL (Lx)	LIGHT SOURCE	TYPICAL CONDITIONS	FULL CHARGE (HOURS)	*DAILY OPERATION (HOURS)	**START-UP (MINUTES)
700	Fluorescent	Room lighting	–	26	*110*
3 000		Under desk lamp (±20 cm)	77	6	*25*
10 000	Sunlight	Cloudy day	24	3	*7*
100 000		Sunny day	8	1	*3*

** Time required to generate enough power for correct operation.*
*** Minimum charging time required to restart the watch after it has stopped.*

NOTE: If the seconds hand continues moving at 2-second intervals after charging, the rechargeable battery has not yet received sufficient charge. Continue charging until the seconds hand resumes normal 1-second intervals before removing the watch from the light.

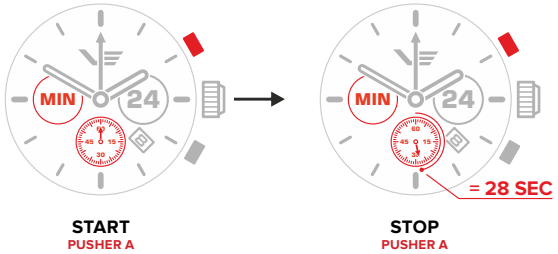
ⓘ **IMPORTANT:** The watch is equipped with an **OVERCHARGE PROTECTION FUNCTION**. Once the rechargeable battery reaches its maximum charge level, charging is automatically limited to help protect the battery and extend its service life. During this process, the seconds hand may temporarily move faster than normal. Remove the watch from the light source to resume normal operation.

CHRONOGRAPH FUNCTION (VR42 models ONLY):

The VR42 movement can measure time as elapsed time or split time for up to 30 minutes. The Chronograph Seconds hand moves in 1-second increments, while the Chronograph minutes hand measures increments in minutes.

NOTE: When the measurement reaches 30 minutes, the chronograph automatically stops counting.

ⓘ **IMPORTANT:** Continuous chronograph use will reduce battery life.

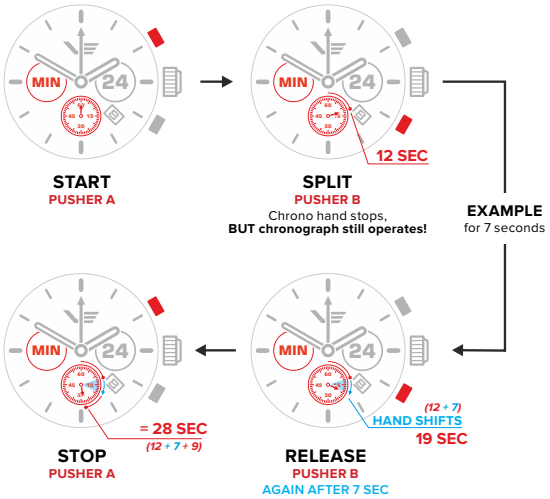


The **ELAPSED TIME** function measures the total duration of an event from start to finish without interruption.

TO MEASURE ELAPSED TIME:
- Press **Pusher A** to start the chronograph.
- Press **Pusher A** again to stop. *(Stop and restart of the chronograph can be repeated as many times as necessary).*
- Press **Pusher B** to reset all chronograph hands to "0/zero" positions.

TIP: Useful for timing activities such as travel time, running time, or the duration of a process or event.

The **SPLIT TIME** function allows measurement of intermediate times while the chronograph continues running, i.e., the chronograph display can be temporarily stopped to read an intermediate time while the internal timing operation continues uninterrupted.



TO MEASURE SPLIT TIME:
- Press **Pusher A** to start the chronograph.
- Press **Pusher B** to split.
- Press **Pusher B** again to split reliease. *(The split and split-release operations can be repeated as many times as necessary while the chronograph continues running).*
- Press **Pusher A** to stop.
- Press **Pusher B** to reset all chronograph hands to "0/zero" positions.

TIP: Useful for recording lap times or comparing the times of multiple events occurring during the same timing session.

CHRONOGRAPH HANDS ADJUSTMENT (VR42 models ONLY):

If the chronograph seconds hand is not at the "0/zero" position, perform the following adjustment:
- Pull the crown out to **Position 2**.
- Press **Pusher A** to move the chronograph seconds hand clockwise.
- Press **Pusher B** to move the chronograph seconds hand counterclockwise.
- Push the crown back (and screw down, if equipped).

NOTE: The chronograph minutes sub-dial hand is linked to the chronograph seconds hand and moves simultaneously with it.**It cannot be adjusted independently.**

TIP: Press and hold the pushers to move the hands continuously faster.

STAINLESS STEEL CASE

316L stainless steel is an iron-based alloy containing chromium, nickel, and molybdenum. This composition provides excellent strength, corrosion and oxidation resistance, and long-term durability.

The uncoated surface retains a consistent color and finish, maintaining its original appearance during normal wear. With proper care, the case and bracelet can be restored to their original finish through professional polishing, if required.

ⓘ **IMPORTANT:** If the timepiece features a high-gloss, mirror-polished finish, minor micro-scratches on the case or bracelet may occur as a result of handling during packaging, shipping, or display. These slight marks are a natural characteristic of a polished surface, are not considered defects, and are not covered by warranty.

BRONZE CASE (if equipped)



A high-quality copper-tin alloy (bronze) is known for its durability and distinctive appearance. After a few weeks of wear, exposure to air, moisture, and skin contact causes the bronze to oxidize, forming a natural patina.

The patina gradually changes the color, brightness, and texture of the case. The result can vary depending on the owner's environment and usage, giving each bronze watch a truly individual appearance.

Unlike stainless steel, which retains a consistent, polished, and scratch-resistant surface, bronze has a slightly softer finish and is more addicted to surface marks.

NOTE: If you prefer the original polished look, the case can be restored using professional bronze polishing paste. Otherwise, the patina can be left as a reflection of the owner's lifestyle.

TITANIUM CASE (if equipped)



A premium material is used for its exceptional strength, light weight, and comfort. Around 40% lighter than stainless steel, it makes larger watches more comfortable to wear, especially for extended periods.

Titanium is highly resistant to corrosion from moisture and sweat, and its hypoallergenic properties make it ideal for sensitive skin.

Additionally, matte-grey titanium cases may be coated with PVD *(Physical Vapor Deposition)* to enhance surface durability or to give the watch a specific color or shade.

NOTE: Titanium is more difficult to machine than steel and increases production complexity and cost.

Though harder to manufacture, titanium offers an excellent strength-to-weight ratio, making it a reliable choice for durable, everyday timepieces.

PVD COATING PHYSICAL VAPOR DEPOSITION (if equipped)

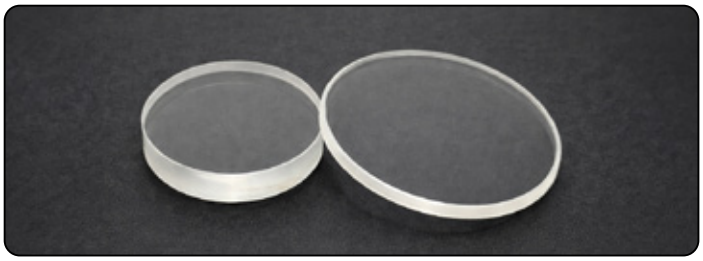


A special vacuum-based process in which compounds are vaporized and deposited onto the watch case at the atomic level. This creates a thin, dense, chemically stable, and highly adherent layer that enhances surface durability, scratch resistance and nice finishing.

PVD technology makes it possible to achieve finishes in black, gunmetal, silver-gray, yellow gold, rose gold, blue, violet, and other colors, depending on the compounds used and process parameters.

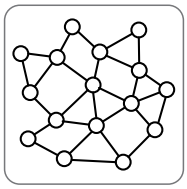
NOTE: Compared to conventional electroplating, PVD provides superior durability, greater resistance to scratches and corrosion, and improved long-term color stability.

WATCH CRYSTALS (GLASS)



VE watches are designed for demanding environments and professional use. For this reason, VE uses K1 crystal or sapphire crystal, selecting the crystal type based on the intended purpose and operating conditions of each model.

NOTE: Both materials provide high durability and reliability, but are optimized for different priorities: impact resistance or maximum scratch resistance.

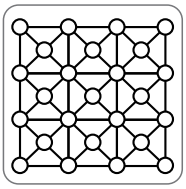


K1 CRYSTAL
OPTIMIZED FOR EXTREME CONDITIONS

A synthetic, reinforced mineral glass, comparable in concept and performance to *Gorilla Glass®* used in modern smartphones. It is engineered to withstand strong impacts and sudden shocks.

Unlike sapphire, K1 crystal does not have a crystalline structure, which allows it to absorb impact energy better. As a result, when subjected to severe impact, the K1 crystal is less likely to shatter completely and may sustain surface damage or indentations instead of catastrophic failure.

K1 crystal is particularly well-suited for tool watches and models designed for extreme conditions or professional use, where impact resistance is a higher priority than maximum scratch resistance.

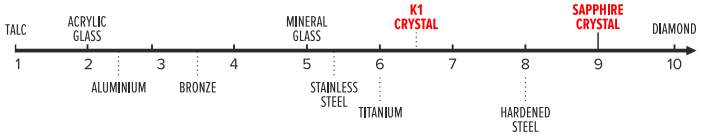


SAPPHIRE CRYSTAL
MAXIMUM SCRATCH RESISTANCE

Sapphire crystal (Al_2O_3) is manufactured from synthetic sapphire and offers exceptional resistance to scratches. It is chosen for models where long-term surface durability and optical clarity are the primary requirements.

Due to its crystalline structure and high hardness, sapphire crystal ishighly resistant to everyday wear but may be more brittle under extreme impact, particularly at the edges.

The **MOHS HARDNESS SCALE** illustrates the relative scratch resistance of materials and shows the comparative positions of standard mineral glass, K1 mineral crystal, and sapphire crystal, with diamond representing the highest hardness level on the scale and soft materials such as talc at the lowest end.



HELIUM RELEASE VALVE (if equipped)



It is intended for use in professional saturation diving, where divers spend extended periods in pressurized environments containing a helium-oxygen breathing mix.

NOTE: Helium molecules are extremely small and, under high pressure, can gradually penetrate the watch's seals — even though the watch remains water-resistant. As helium accumulates inside the case, it creates internal pressure.

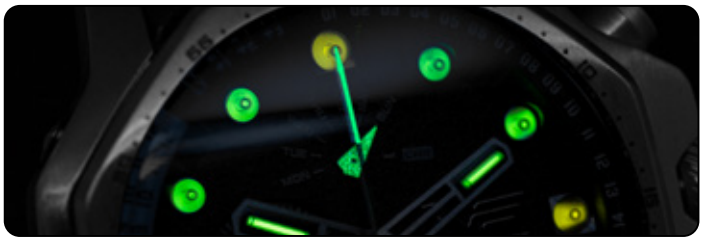
During decompression, the external pressure drops quickly, while the helium inside escapes much more slowly. This causes a critical pressure imbalance between the inside and outside of the watch. If not released, the built-up pressure can lead to serious structural failure, including crystal displacement, case deformation, or in extreme cases, the watch may be catastrophically destroyed or even blown apart.

The helium release valve opens automatically when internal pressure exceeds safe limits, safely venting helium gas and restoring pressure balance.

ⓘ **IMPORTANT:** The valve functions automatically.
THERE IS NO NEED TO ACTIVATE OR ADJUST IT MANUALLY.

TRITIUM H_3 ILLUMINATION (if equipped)





A unique Swiss technology that provides illumination without any external power source. It ensures bright constant readability in darkness for years without the need for charging, sunlight, or batteries.

This illumination system is patented and exclusively produced by **MB-microtec** of Switzerland. The tritium tubes ***Trigalights***® emit a consistent glow through a safe, fully sealed physical process when tritium gas interacts with a luminescent powder coating inside the glass tube.

ⓘ **IMPORTANT:** The technology is completely safe — the tubes are non-toxic, self-contained, and meet all international safety standards.

Unlike traditional luminous paints, Tritium H3 illumination is entirely maintenance-free. The tubes glow continuously for many years; after around 10 years, brightness naturally decreases to about 50%, but the glow remains clearly visible in complete darkness.

Tritium illumination provides 100 times brighter glowing than regular luminous paint and delivers unmatched performance and reliability for both professional and everyday use.

SUPER-LUMINOVA®



A non-radioactive, non-toxic, and aging-resistant phosphorescent pigment applied to dials, hands, and markers to ensure readability in darkness. ***It absorbs light energy from natural or artificial sources*** and gradually releases it as a visible glow.

Based on strontium aluminate compounds, it is significantly brighter, longer-lasting, and more stable than older radium- or zinc sulfide–based luminous paints.

After full exposure to a strong light source, Super-LumiNova® can provide useful visibility for several hours, with brightness gradually decreasing over time.

ⓘ **IMPORTANT:** The glow intensity and duration depend on both the thickness of the applied layer and the strength and duration of the prior light exposure ("charging").

NOTE: Color influences performance: **green offers the highest brightness** and longest afterglow; yellow and blue are less bright but still long-lasting; other shades (turquoise, red, orange, etc.) provide aesthetic variety but shorter visibility.

VE DRYBOX (if equipped)





A premium packaging solution designed to protect watches. Made from impact-resistant Polycarbonate plastic, airtight and waterproof, it offers excellent protection during storage or travel. The interior is foam-lined to securely hold the watch and accessories. The **DryBox L** is a compact version for a single watch, while the **DryBox XL** offers more space and functionality — it includes a compartment in the lid (inside the foam) for storing additional straps.

NOTE: The VE DryBox XL can be transformed into a collector's box to hold up to four watches.

STRAP (BRACELET) REPLACEMENT

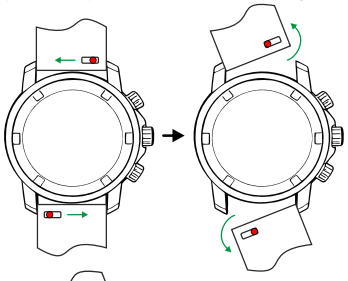
VE watches are equipped with several types of strap (bracelet) attachment systems. Depending on the construction, replacement can be performed by the owner or carried out by a service professional.

⚠ **WARNING:** Place the watch face down on a soft surface during all manipulations.

ⓘ **IMPORTANT:** After installation ensure the strap (bracelet) is securely fastened.

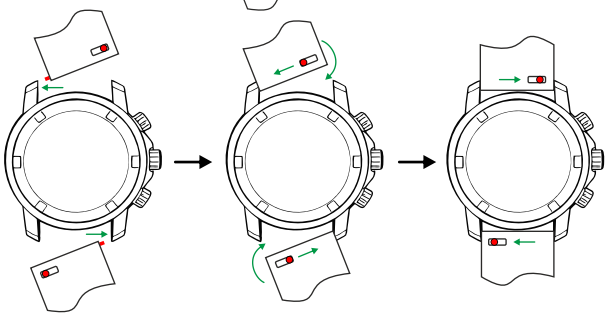
QUICK-RELEASE SPRING BARS

If your watch equipped with the Quick-release system (spring bars with integrated release levers), it allows to replace the strap (bracelet) without the use of any tools.



TO REMOVE THE STRAP (BRACELET)

- Use your fingernail to push the lever (ball) on the spring bar to the right.
- Hold the lever (ball) and slide strap (bracelet) out of the watch lug.



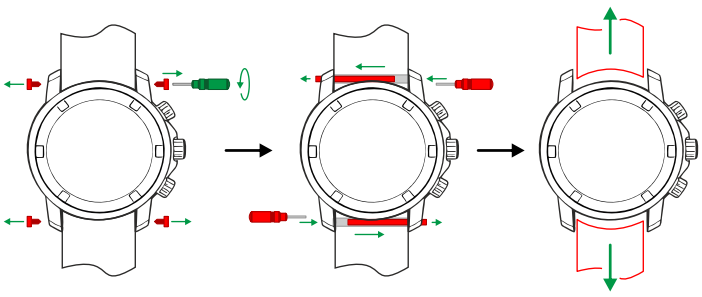
TO INSTALL THE STRAP (BRACELET)

- Put it's spring bar's end into the right lug hole.
- Use your fingernail to push the lever (ball) on the spring bar to the right.
- Hold the lever (ball) and slide strap (bracelet) into the watch lug.

SCREW-FIXED STRAP (BRACELET)

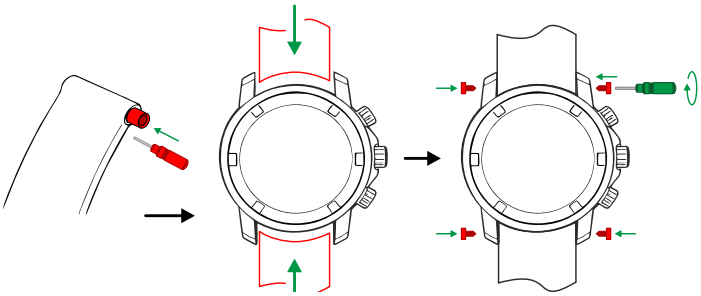
If your watch is equipped with a screw-fixed strap or bracelet, it allows the strap (bracelet) to be replaced using a screwdriver.

NOTE: All screw-fixed straps (bracelets) are custom-made and designed specifically for Vostok Europe watches. Due to their unique construction and dimensions, they cannot be replaced with standard aftermarket straps (bracelets) available on the stock market.
USE ONLY ORIGINAL VE REPLACEMENT PARTS AND ACCESSORIES!



TO REMOVE THE STRAP (BRACELET)

- Gently unscrew (counterclockwise) fixing screws securing the strap (bracelet). *For some models, the second screw may stay unscrewed.*
- Use the screwdriver to push out the special metal insert through the lug hole. **Additional force may be required.** *For some models, the insert can be removed only after pulling the strap (bracelet) out of the case.*
- Pull the strap (bracelet) out of the case.
- **If equipped**, pull the special decorative metal rings out from the strap.



TO INSTALL THE STRAP (BRACELET)

- **If equipped**, insert the special decorative metal rings into the strap.
- Put the special metal insert in the strap (bracelet). **Additional force may be required.** *For some models, the insert can be installed only after aligning the strap (bracelet) within the case.*
- Align the strap (bracelet) with the case lugs. **Ensure the lug holes and the metal insert align correctly.**
- Insert the screws and tighten (clockwise) them gently using the screwdriver.

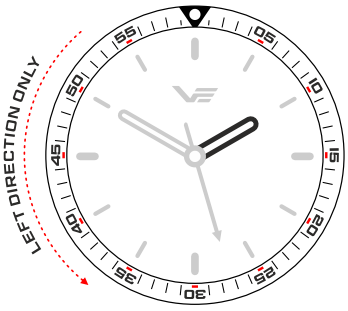
⚠ **WARNING:** DO NOT OVERTIGHTEN THE SCREWS.
Applying excessive force may cause damage to the screws, lugs, or strap components.

REGULAR SPRING BARS

If your watch is equipped with a strap (bracelet) secured with regular spring bars (without a quick-release system), strap replacement requires a special tool and appropriate experience.

ⓘ **IMPORTANT:** To avoid scratches or other damage to the watch case that may void the warranty, strap or bracelet replacement is recommended to be carried out at an authorized service center or at the point of purchase.

DIVER'S BEZEL (if equipped)



The unidirectional rotating (diver's) bezel is a professional tool designed for scuba diving. It allows divers to track elapsed time underwater quickly, safely, and reliably.

TO USE IT CORRECTLY:

- Rotate the bezel counterclockwise so the "0/zero" marker lines up with the minute hand.
- As time passes, read the number on the bezel aligned with the minute hand — this shows how many minutes have elapsed since you started.

ⓘ **IMPORTANT:** The bezel only turns counterclockwise for safety reasons. It cannot accidentally move forward and give a false reading of remaining dive time.

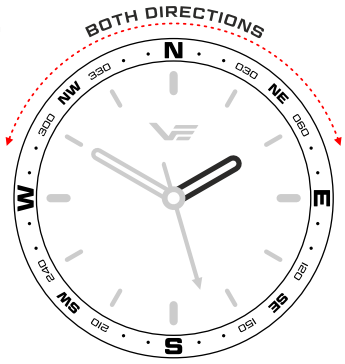
NOTE: The first 15 or 20 minutes on the diver's bezel could be specially marked to help monitor critical dive time — the initial period during which a diver can stay at depth without requiring decompression stops — ensuring enhanced safety underwater.

TIP: Diver's bezel is also useful for timing workouts, cooking, or parking meters!

NAVIGATION BEZEL

COMPASS SCALE (if equipped)

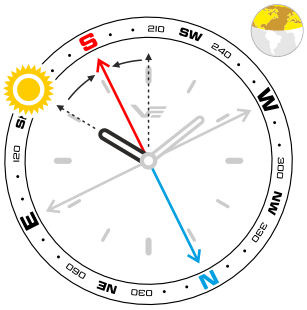
Designed to assist with basic orientation and determining the cardinal directions using the position of the Sun.



Bi-directional rotation allows alignment of the compass scale with the required reference points, regardless of the direction of adjustment. It enables faster corrections and more convenient operation compared to a unidirectional bezel.

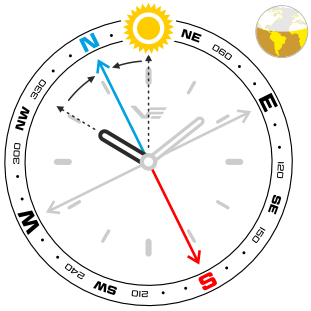
NOTE: The navigation bezel is not a substitute for professional navigation instruments, but may be used as an orientation tool during outdoor activities, expeditions, and everyday use.

USING THE WATCH AS A COMPASS



NORTHERN HEMISPHERE

- Hold the watch horizontally.
- Turn the watch so that the hour hand points directly toward the Sun.
- Find the midpoint between the hour hand and the 12 o'clock position on the dial.
- Rotate the navigation bezel so that the **S** (South) marking aligns with this midpoint.



SOUTHERN HEMISPHERE

- Hold the watch horizontally.
- Turn the watch so that the 12 o'clock marker points directly toward the Sun.
- Find the midpoint between the 12 o'clock marker and the hour hand.
- Rotate the navigation bezel so that the **N** (North) marking aligns with this midpoint.

⚠ **WARNING:** This navigation method works only during daylight hours and requires clear visibility of the Sun.

ⓘ **IMPORTANT:** This method is most accurate at mid-latitudes. In tropical and polar regions, orientation accuracy may be reduced.

ⓘ **IMPORTANT:** This navigation method relies on the correct local time. Daylight Saving Time (DST) changes and time zone differences may lead to additional orientation errors. A one-hour time offset may result in an angular error of approximately 15°.
FOR IMPROVED ACCURACY, USE LOCAL TIME AND CHANGE THE DAYLIGHT SAVING TIME (DST) TO STANDARD TIME WHEN POSSIBLE.

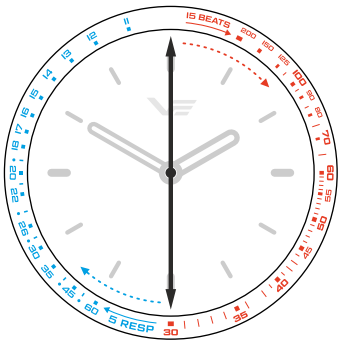
PULSOMETER & RESPERATORY SCALES (if equipped)

Both scales are professional tools designed to help estimate vital signs quickly using the watch's seconds hand. Scales allow you to measure pulse rate (heart beats per minute) or breathing rate (respirations per minute) without the need for additional instruments.

ⓘ **IMPORTANT:** Ensure the chronograph is reset to "0/zero" before measurement.

PULSOMETER SCALE USAGE:

- Find the pulse on the neck or wrist.
- When the first pulse beat is felt, press the chronograph start pusher.
- Count **15 pulse beats**.
- Press the chronograph stop pusher on the final counted beat.
- Read the heart rate value indicated by the chronograph's seconds hand on the scale. That number indicates the pulse in beats per minute (BPM).



RESPIRATORY SCALE USAGE:

- At the beginning of an inhalation, press the chronograph start pusher.
- Count **5 complete breaths**.
- Press the chronograph stop pusher after the 5th breath.
- Read the respiratory rate directly from the scale indicated by the chronograph's seconds hand. It shows estimated breathing rate in respirations per minute (RPM).

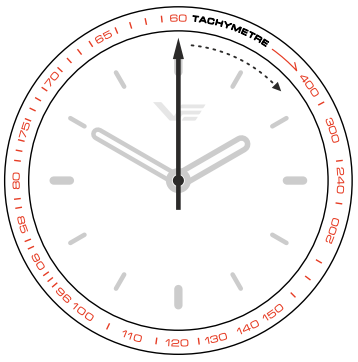
TACHYMETER SCALE (if equipped)

Allows measurement of **average** speed over a fixed distance and calculation of production or activity rates using the chronograph function. The scale converts elapsed time into units per hour.

When measuring speed, the tachymeter indicates average speed in kilometers (miles) per hour based on the time required to travel one kilometer (mile). When measuring productivity, the scale converts the time required to complete one unit or operation into the equivalent number of units per hour. **The tachymeter provides average values and is intended for events lasting between approximately 7.2 seconds and 60 seconds.**

ⓘ **IMPORTANT:** Ensure the chronograph is reset to "0/zero" before measurement.

NOTE: The tachymeter scale indicates average values only and does not measure instantaneous speed or variable production rates.



MEASURING AVERAGE SPEED:

- At the starting point of the measured distance, press the chronograph start pusher.
- When one kilometer (mile) pased, press the chronograph stop pusher.
- Read the average speed indicated by the chronograph seconds hand on the scale. The value corresponds directly to speed in kilometers (miles) per hour.

EXAMPLE: If the chronograph seconds hand points to "120" on the scale after completing one kilometer, the **average speed** is 120 km/h.

ⓘ **IMPORTANT:** The measured distance must correspond exactly to one kilometer when calculating speed.

CALCULATING PRODUCTION OR ACTIVITY RATE:

- Start the chronograph at the beginning of the production of one unit (or the start of one operation).
- Stop the chronograph when the unit or operation is completed.
- Read the value indicated by the chronograph seconds hand on the tachymeter scale. The indicated number represents the equivalent number of units per hour.

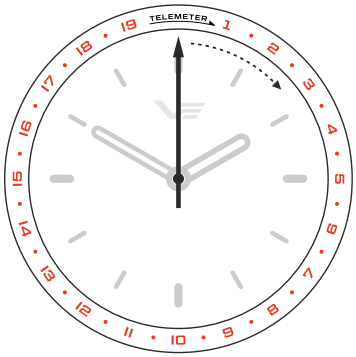
EXAMPLE: If one unit is completed in 30 seconds, the chronograph seconds hand will indicate "120" on the tachymeter scale, corresponding to a production rate of 120 units per hour.

TELEMETER SCALE (if equipped)

The scale allows measurement of the distance between the observer and a visible and audible event using the chronograph function. The scale is based on the speed of sound and indicates distance in kilometers (miles).

NOTE: The telemeter is typically used to determine the distance to events such as lightning and thunder, explosions, or other phenomena where a visible signal is followed by a delayed sound. The scale converts the time interval between seeing the event and hearing the sound into distance.

ⓘ **IMPORTANT:** The telemeter scale provides an approximate value, as sound velocity may vary depending on air temperature and atmospheric conditions.



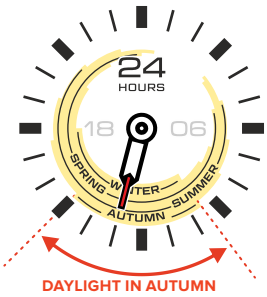
TO USE IT CORRECTLY:

- When the visible event occurs (e.g., a lightning flash), press the chronograph start pusher.
- When the corresponding sound is heard (e.g., thunder), press the chronograph stop pusher.
- Read the distance indicated by the chronograph seconds hand on the scale. The value corresponds to the **approximate distance** in kilometers (miles).

EXAMPLE: If the chronograph seconds hand points to “3” on the telemeter scale, the event occurred approximately 3 kilometers away.

ⓘ **IMPORTANT:** The telemeter scale provides an approximate distance and is intended for general reference use.

POLAR DAYLIGHT SCALE (if equipped)



Indicates the position of the sun relative to the horizon at the North Pole at the current time of day according to the selected season. It visually represents whether the sun is above or below the horizon and shows the corresponding length of daylight in hours.

NOTE: Due to the Earth’s axial tilt, daylight conditions at the North Pole vary significantly throughout the year. During summer, the sun remains continuously above the horizon (polar day). During winter, the sun remains below the horizon (polar night). In spring and autumn, transitional periods occur when daylight duration changes progressively.

ⓘ **IMPORTANT:**

- The indication is informational and represents astronomical conditions at latitude 90° North.
- The does NOT indicate daylight conditions at other latitudes than the North Pole.
- The indication is based on seasonal approximation and does NOT account for daily variations near equinox transition dates.

⚠ **WARNING:** The scale provides a visual astronomical reference and is NOT INTENDED FOR NAVIGATION.

WARRANTY & SERVICE

VE watches are covered by a 24-month manufacturer warranty from the date of purchase. This warranty applies to manufacturing defects in materials and workmanship under normal conditions of use, as described in this **User’s Manual**.

NOTE: Local consumer protection laws may apply in your country of purchase and may take precedence over this warranty where required by law.

WARRANTY CONDITIONS.

The customer shall **NOT** have any claim under this warranty if:

- The watch is not accompanied by this User’s Manual or the original guarantee certificate.
- The watch has been repaired or serviced by an unauthorized person or service center.
- The case back has been opened during the warranty period by anyone other than an authorized service technician.
- The watch is used in a manner not in accordance with the instructions provided in this manual.
- The “Warranty card” has no signature of the authorized retailer and the date of purchase. ***(Only authorized retailers listed at Vostok-europe.com/where-to-buy are eligible for official warranty coverage).***

⚠ **WARNING:** Any unauthorized repair or modification — including opening the case back — automatically voids the warranty.

WHAT IS NOT COVERED. The warranty does **NOT** apply to:

- Normal wear and tear (e.g., scratches, discoloration, or patina formation on bronze cases).
- Damage to external parts: case, crystal, crown, pushers, strap, bracelet, or packaging.
- Batteries and other consumable parts.
- Damage caused by misuse, accidents, or water ingress beyond the rated water resistance. ***(Water resistance is marked on the watch).***

WARRANTY SERVICE.

If a hidden manufacturing defect is detected during the warranty period, the watch can be repaired at an authorized warranty service center **ONLY**, as marked by your local distributor.

To request service, the following must be presented:

- The guarantee certificate
- Valid proof of purchase (bill/receipt or invoice).

ⓘ **IMPORTANT:** Claims for replacement or refund are considered only upon submission of a certificate issued by the authorized warranty service center confirming that repair is not possible under the warranty terms.

BATTERY INFORMATION AND DISPOSAL



After replacement, the battery removed from a VE watch must be collected separately and disposed of through appropriate recycling or collection facilities.

In accordance with EU Directive 2012/19/EU (WEEE), used batteries, rechargeable batteries, and quartz watch components must be collected separately and disposed of through authorized recycling or collection facilities in an environmentally responsible manner.

⚠ **WARNING:**

- Keep batteries out of reach of children.
- Do NOT expose batteries to excessive heat, fire, or attempts to recharge non-rechargeable batteries.

ⓘ **IMPORTANT:** Battery replacement should include inspection of sealing components to maintain water resistance performance.