

## INTERNATIONAL WARRANTY

## WARRANTY (EXCEPT USA, AUSTRALIA AND NEW ZEALAND)

Your Rado® watch is warranted by Rado Watch Co. Ltd.\* for a period of twenty-four (24) months from the date of purchase under the terms and conditions of this warranty. The international Rado warranty covers material and manufacturing defects existing at the time of delivery of the purchased Rado watch (“defects”). The warranty only comes into force if the warranty certificate is dated, fully and correctly completed and stamped by an official Rado dealer (“valid warranty certificate”).

During the warranty period and by presenting the valid warranty certificate, you will have the right to have any defect repaired free of charge. In the event that repairs will not restore the normal conditions

of use of your Rado watch, Rado Watch Co. Ltd. guarantees its replacement by a Rado watch of identical or similar characteristics. The warranty for the replacement watch ends twenty-four (24) months after the date of purchase of the replaced watch.

This manufacturer’s warranty does not cover:

- the life of the battery;
- normal wear and tear and aging (e.g. alteration of the color and/or material or non-metallic straps and chains, such as leather, textile, rubber);
- any damage on any part of the watch resulting from abnormal/abusive use, lack of care, negligence, accidents (knocks, dents, crushing, broken crystal, etc.), incorrect use of the watch and non-observance of the directions for use provided by Rado Watch Co. Ltd.;

- indirect or consequential damages of any kind resulting from e.g. the use, the non-functioning, the defects or the inaccuracy of the Rado watch;
  - the handling of the watch by non-authorized persons (e.g. for battery replacement, services or repairs) or the alteration of the watch from its original condition beyond Rado Watch Co. Ltd.'s control.
- does not affect the purchaser's rights against the seller nor any other mandatory statutory rights the purchaser may have against the seller.

The Rado Watch Co. Ltd.'s customer service ensures the perfect maintenance of your Rado watch. If your watch needs attention, rely on an official Rado dealer or an authorized Rado Service Center as set forth in the enclosed list: they can guarantee service according to Rado Watch Co. Ltd.'s standards.

Any further claim against Rado Watch Co. Ltd., e.g. for damages additional to those described above in this warranty, is expressly excluded, excepting mandatory statutory rights the purchaser may have against the manufacturer.

The above manufacturer's warranty:

- is independent of any warranty that may be provided by the seller, for which he carries the sole responsibility;

\* Rado Watch Co. Ltd.  
CH-2543 Lengnau, Switzerland  
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Rado® is a registered trademark

## LIMITED TWO-YEAR WARRANTY (USA)

Your Rado® watch is warranted by Rado Watch Co. Ltd. \* for a period of twenty-four (24) months from the date of purchase under the terms and conditions of this warranty. The international Rado warranty covers material and manufacturing defects existing at the time of delivery of the purchased Rado watch (“defects”). The warranty only comes into force if the warranty certificate is dated, fully and correctly completed and stamped by an official Rado dealer (“valid warranty certificate”).

During the warranty period and by presenting the valid warranty certificate, you will have the right to have any defect repaired free of charge. In the event that repairs will not restore the normal conditions of use of your Rado watch, Rado Watch Co. Ltd. guarantees its replacement by a Rado watch of identical or similar characteristics.

The warranty for the replacement watch ends twenty-four (24) months after the date of purchase of the replaced watch.

This manufacturer’s warranty does not cover:

- the life of the battery;
- normal wear and tear and aging (e.g. alteration of the color and/or material or non-metallic straps and chains, such as leather, textile, rubber);
- any damage on any part of the watch resulting from abnormal/abusive use, lack of care, negligence, accidents (knocks, dents, crushing, broken crystal, etc.), incorrect use of the watch and non-observance of the directions for use provided by Rado Watch Co. Ltd.;
- the handling of the watch by non-authorized persons (e.g. for battery replacement, services or repairs) or the alteration of the watch from its original condition beyond Rado Watch Co. Ltd.’s control.

All applicable implied warranties, including the implied warranty of merchantability and of fitness for a particular purpose given to you by law are hereby limited in Duration to the duration of this warranty. Under no circumstances will Rado Watch Co. Ltd. be liable for any indirect or consequential damages of any kind.

Some states do not allow limitations on how long implied warranties last, or exclusions or limitations of incidental or consequential damages, so exclusions or limitations mentioned may not apply to you. This warranty gives you specific legal rights and you may also have other rights that may vary from state to state.

Rado Watch Co. Ltd.'s obligation is strictly limited to repair or replacement as expressly stated in this limited warranty. Your official Rado dealer carries sole responsibility for any other guarantees.

The Rado Watch Co. Ltd.'s customer service ensure the perfect working order of your Rado watch. If your watch needs maintenance, rely on an official Rado dealer or an authorized Rado Service Center as set forth in the enclosed list: they can guarantee service according to Rado Watch Co. Ltd.'s standards.

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## LIMITED TWO-YEAR WARRANTY (AUSTRALIA / NEW ZEALAND)

### IMPORTANT NOTICE REGARDING YOUR CONSUMER RIGHTS

The benefits given to you under this Warranty are additional to, and do not detract from, other rights and remedies that you may have in relation to your RADO® watch and its purchase under Australian or New Zealand laws, including consumer protection laws.

In Australia, RADO® watches come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have your RADO® watch repaired or replaced if it fails to be of acceptable quality and the failure does not amount to a major failure.

In New Zealand, RADO® watches also come with guarantees that cannot be excluded under the New Zealand Consumer Guarantees Act.

This Warranty:

- Is not intended to change or exclude any statutory or consumer rights that cannot be lawfully changed or excluded;
- Is independent of any warranty that may be provided by the seller, for which he carries sole responsibility; and
- Does not affect your rights against the seller, including any mandatory statutory rights you may have against the seller under local consumer laws.

### OUR WARRANTY TO YOU

This Warranty is provided by RADO WATCH CO. LTD., 2543 Lengnau, Switzerland.  
Telephone +41 32 655 61 11.

Your RADO® watch is covered by this Warranty for a period of twenty-four (24) months from the date of purchase under the terms and conditions of this Warranty.

This Warranty covers material and manufacturing defects existing at the time of delivery of the purchased RADO® watch (“defects”). Where such defects become apparent during the warranty period and provided you present a valid warranty certificate, RADO WATCH CO. LTD. will:

- Repair your watch free of charge; or
- In the event that repairs are unable to restore the normal conditions of use of your RADO® watch, replace your watch with a RADO® watch of identical or similar characteristics. Such replacement watch will have the benefit of this Warranty for the remainder of the Warranty Period applicable to the original (replaced) watch.

**Please be aware that:**

- Goods presented for repair may be replaced by refurbished goods of the same type rather than being repaired. Refurbished parts may be used to repair the goods;
- Any data you store in your watch may be lost in the course of a repair. It is your responsibility to back up any data that may be stored in your watch before presenting it for warranty service; and
- The Warranty is only valid if the warranty certificate enclosed with your RADO® watch upon purchase is dated, fully and correctly completed and stamped by an official RADO® retailer.

**EXCLUSIONS AND LIMITATIONS**

This Warranty does not cover:

- The lifetime of the battery;

- Normal wear and tear and aging (e.g. scratched crystal; alteration of the colour and/or material of non-metallic straps and chains, such as leather, textile, rubber; peeling of the plating);
- Any damage on any part of the watch resulting from abnormal/abusive use, lack of care, negligence, accidents (knocks, dents, crushing, broken crystal, etc.), incorrect use of the watch and non-observance of the use directions provided by RADO WATCH CO. LTD.;
- Indirect or consequential damages of any kind resulting from e.g. the use, the non-functioning, the defects or the inaccuracy of the RADO® watch; or
- Defects caused by the RADO® watch being handled by non-authorized persons (e.g. for battery replacement, services or repairs) or altered in its original condition beyond RADO WATCH CO. LTD.'s control.

## **HOW TO MAKE A CLAIM UNDER THIS WARRANTY**

To make a claim under this Warranty, we recommend that you wrap your RADO® watch carefully so as to avoid any damage and send it with valid warranty by registered mail or drop it off in person to your nearest official RADO® retailer or an authorised RADO® Service Centre. To find current contact information for your nearest official RADO® retailer or authorised RADO® Service Centre, please telephone +61 3 8844 3300, email [customer.service@swatchgroup.com.au](mailto:customer.service@swatchgroup.com.au) or go to [www.rado.com](http://www.rado.com).

You will be responsible for paying the expenses associated with making a claim under this Warranty, including postal or delivery expenses and any relevant taxes.

**OTHER CONDITIONS**

No official RADO® retailer or Service Centre is authorised to make any modification, extension or addition to this Warranty. RADO WATCH CO. LTD. provides no warranty against defects beyond the rights and remedies given under this Warranty and which are available under the Australian Consumer Law and the New Zealand Consumer Guarantees Act 1993.

RADO® is a registered trademark of RADO WATCH CO. LTD.



## PRODUCT INFORMATION

## MATERIALS

### HIGH-TECH CERAMIC

Innovative, durable and skin-friendly: introduced by Rado in 1986, high-tech ceramic has become our signature. In metallic or non-metallic colors, with a glossy, matt, satin-brushed or decorated finish, it is the most versatile of our materials.

### HIGH-TECH HARDMETAL

Pure, simple and extremely tough: we pioneered the use of this material by introducing the world's first scratch-resistant watch, Diastar 1 (The Original), in 1962.

### CERAMOS

Ceramos™ combines high-tech ceramic - specifically titanium carbide - with a metallic alloy. Light and easily adjustable to skin temperature, it has the same qualities and benefits as high-tech ceramic, enhanced by an incomparable metallic luster.

### CARBON DIFFUSED STEEL

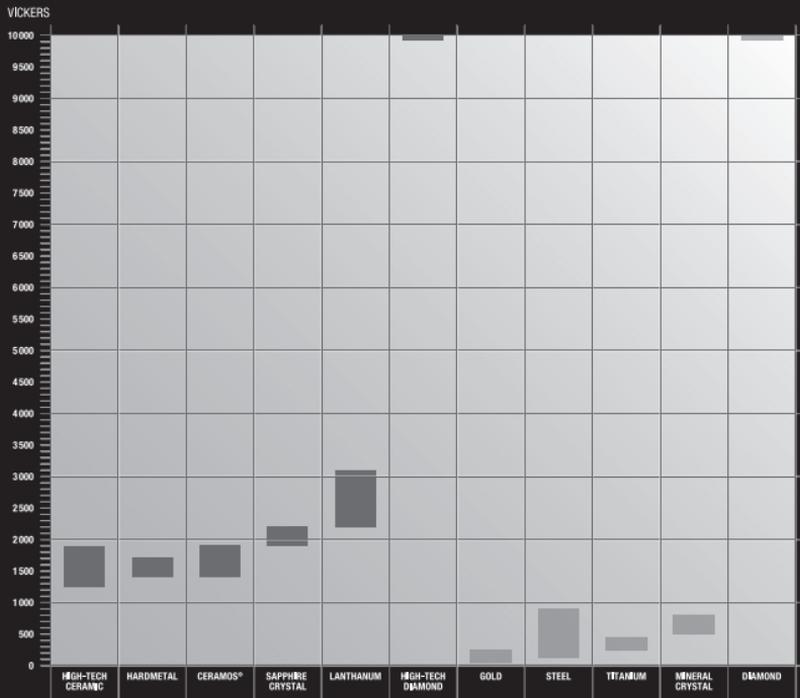
Through the diffusion of a high quantity of carbon at a low temperature, this treatment makes it possible to harden the surface of steel parts to the level of ceramic.

### SAPPHIRE CRYSTAL

Perpetual transparency: high-tech sapphire crystal is used throughout our collection. The application of edge-to-edge crystal and metallization are distinguishing features.

*NOTE: In order to reduce reflection, the sapphire crystal of some Rado collections has an anti-reflective coating on both sides. With time scratches may appear on the anti-reflective coating, this is normal wear and tear.*

■ RADO HIGH-TECH MATERIALS  
 ■ TRADITIONAL WATCH MATERIALS



## HIGH-TECH DIAMOND

Incomparable and enduring brilliance: the Rado high-tech diamond surface offers hardness equal to that of natural diamonds. Our invention and use of this surface have earned us an entry in the Guinness Book of Records for the world's hardest watch.

## HOW HARD IS HARD?

The extreme hardness of Rado high-tech materials guarantees durability and brilliance. The Vickers scale is used to indicate hardness: the higher a value, the greater the resistance to scratches. The top value of 10,000 is attributed only to natural diamonds and to the Rado high-tech diamond surface.

*NOTE: Rado watches are hard but not indestructible. Although our high-tech materials are resistant to scratches, Rado watches must be treated with care. They should not be dropped, and sharp knocks should be avoided. If hit hard enough, the materials may break.*

## RADO SURFACE FINISHES

### POLISHED

The incomparable hardness of Rado's high-tech materials gives the polished surface the deep luster and captivating brilliance uniquely associated with the brand.

### SATIN-BRUSHED

The satin-brushed finish gives a semi-matt appearance that conveys a sense of understated sophistication while ensuring a subtle tactile pleasure.

## **MATT**

The matt finish adds depth to the surface, which reacts to the light in a way that reinforces the shape of the watch and brings out the richness of the material.

*NOTE: Due to the hardness of the material and its matt or satin-brushed finish, so-called deposits may occur through contact with softer materials and may look like scratches. In most cases these deposits can be completely removed using a hard rubber eraser.*

*Depending on how the watch is worn, over time these finishes may show a slight polishing effect, especially along the edges.*

## **DECORATED**

The surface is embellished with a motif in color. The decorated surface is the result of years of research, adding a new dimension to high-tech materials.

The extraordinary scratch and abrasion resistance of our high-tech materials is guaranteed, ensuring the durability of your Rado watch.

## **PRECIOUS STONES**

The name “Jubilé” refers to all the Rado products with diamonds or other precious stones. Depending on the model, the name “Jubilé” may or may not figure on the dial. Details regarding the precious stones used on Jubilé watches may be found on the accompanying Precious Stone Certificate.

The quality of a diamond is defined by 4C's: Carat, Clarity, Color and Cut.

## **CARAT**

The weight of a diamond is measured in carats. 1 carat is the equivalent of 0.2 grams.

Stones of various weight classes and sizes are used in Rado “Jubilé” models.

### **CLARITY**

The diamond clarity rating of stones used by Rado is generally VVS (Very Very Small Inclusions) on the case and VS-SI (Very Small - Small Inclusions) on the dial.

### **COLOR**

The color spectrum ranges from colorless – the most valuable – to yellow. Rado uses Top Wesselton (superior quality) diamonds.

### **CUT**

The cut determines the fire, brilliance and the luster of the diamond. Nearly all Rado diamonds are classed as 8/8 or full cut (brilliant).

### **OTHER PRECIOUS STONES**

There is no uniform nomenclature for describing the purity and color of other precious stones. Rado uses only precious stones of the highest quality.

### **QUARTZ WATCHES**

Rado quartz watches are equipped with top-quality Swiss button-type zinc-silver oxide or lithium batteries. Under normal conditions, a battery should last at least 30 months. The battery must be changed when the seconds hand starts to move in 4-second intervals (or when, on a multifunction watch, the digital display begins to blink). Battery exhaustion in a watch without a seconds hand becomes apparent only when the hands stop moving altogether. Battery changes should only be performed by an authorized Rado dealer

or Service Center to ensure that only original parts are used and that your watch is properly tested for water resistance. A worn-out battery should be replaced immediately in order to reduce the risk of leakage and consequent damage to the movement.



Collection and treatment of end of life quartz watches\*: This symbol indicates that this product should not be disposed with household waste. It has to be returned to a local authorized collection system. By following this procedure you will contribute to the protection of the environment and human health. The recycling of the materials will help to conserve natural resources.

\* Valid in the EU member states and in any countries with corresponding legislation.



## AUTOMATIC WATCHES

Automatic watches are precision instruments powered by the wearer's movement.

Before using your automatic watch, we strongly advise winding the watch by turning the crown 15-20 times. A fully wound Rado automatic watch has a running reserve of at least 36 hours. If the watch stops (e.g. if it has not been worn for some time or during periods of low activity), it should be wound manually. *To wind an automatic watch manually:* place the crown in position 1. Turn the crown forwards several times.

*IMPORTANT: Magnetic fields can affect the accuracy of the watch.*

## WATER RESISTANCE

All Rado watches are water-resistant. They can withstand a water pressure of at least 3 bar (depth of 30 meters). Water resistance is not a permanent condition. To ensure permanent water resistance, the watch should be checked once a year.

To ensure conformance with the warranty regulations, these operations must be performed by an authorized Rado dealer or authorized Rado Service Center.

*NOTE: Water resistance information in "meters" or "bar" refers to theoretical pressure and temperature test norms and does not indicate actual diving depths.*

*IMPORTANT: To ensure optimal water resistance, the following must be observed: after every operation involving the crown,*

*return it to position 1 or screw it back in by pressing and turning it forwards simultaneously. Avoid shocks to the crown. Do not use either the crown or chronograph pushers underwater.*

## MAINTENANCE

Please note that having your Rado watch serviced every 5 to 7 years will not only prolong its life but also maintain its value. For perfect maintenance, please visit only your official Rado dealer or Service Center (a list of Rado Service Centers can be found at the end of this manual or on the Internet). Your bracelet will also benefit from being cleaned from time to time with lukewarm, slightly soapy water and the help of a toothbrush. This cleaning is especially recommended if the watch has been in contact with salt water or cosmetics.

## SKIN-FRIENDLINESS

For Rado, luxury means not only aesthetic perfection and the choice of exquisite materials but also personal comfort. Apart from ensuring durability, our high-tech materials ensure that Rado watches are gentle to the skin and smooth on the wrist.

## SWISS PRECISION

The name Rado guarantees a Swiss quality watch movement of the greatest precision. Every movement undergoes numerous controls before being installed in a Rado watch. The average deviation of a Rado quartz watch should not exceed 15 seconds per month. The average deviation of a Rado automatic watch should not exceed -5 to +20 seconds per day.

## RADO CHRONOMETERS

All Rado chronometers are equipped with first-class Swiss chronometer movements known for their ultra-precise accuracy. Each movement is rigorously tested and certified by the Official Swiss Chronometer Testing Institute (Contrôle Officiel Suisse des Chronomètres, COSC). This neutral and independent body individually tests each movement for 360 consecutive hours, during which it is placed in the five common wrist positions and exposed to three different temperatures. To earn the title of chronometer, the mechanical movement's average variation in rate must be between -4/+6 seconds per day, or a precision of 99.99% – the highest precision attainable by a mechanical movement. A special certificate accompanies all COSC-certified movements.



## OPERATING INSTRUCTIONS

## HOW TO FIND THE RELEVANT SECTION FOR YOUR WATCH

Engraved on the back of your watch is an 8-digit reference number.

The first three digits refer to the movement. In the reference number **115.0653.3**, for example, 115 is the caliber used in the watch. Please review the following caliber list and refer to the relevant section and captions (folding inserts at the beginning of this manual).

### Calibers:

111, 113, 114, 115, 129 _____	page 23	290 _____	page 43
140, 150 _____	page 24	291 _____	page 23
152 _____	page 23	318, 322 _____	page 24
153 _____	page 24	420 _____	page 23
156, 157, 160, 161 _____	page 23	510 _____	page 52
193, 210 _____	page 38	538 _____	page 35
212, 218, 219, 239, 256 _____	page 23	541 _____	page 36
277 _____	page 25	542 _____	page 35
278 _____	page 23	550, 557, 561, 580 _____	page 45
		604 _____	page 50
		609, 629 _____	page 45
		636 _____	page 46
		642 _____	page 52
		648 _____	page 46
		650, 652 _____	page 47
		656, 657, 658 _____	page 45
		663 _____	page 48
		674 _____	page 51
		734, 763 _____	page 45
		765 _____	page 28
		770 _____	page 46
		963 _____	page 24
		964 _____	page 25

## QUARTZ WATCHES WITH DATE DISPLAY

### FIG I

**CALIBERS: 111, 113, 115\*, 129\*, 152,  
156, 157\*, 160, 161\*, 212, 218, 219,  
239, 256, 278\*, 291, 420\***

\* On certain models these movements have no date display (jewelry version) and only the positions 1 and 3 are functional (FIG Ib).

## THE CROWN HAS 3 POSITIONS

### 1. Normal position

When pressed in against the case (position 1), the crown ensures that the watch is water-resistant (if not damaged).

### 2. To set the date

Pull the crown out to position 2, turn it forwards or backwards (depending on the movement) to the desired date.

Push the crown back to position 1.

### 3. To set the time

Pull the crown out to position 3 and turn it forwards or backwards to the desired time. If the watch is equipped with a seconds hand, synchronize the seconds by pushing the crown back to position 1 to coincide with a given time signal.

## QUARTZ WATCHES WITH DAY/DATE DISPLAY

### FIG II

**CALIBER: 114**

## THE CROWN HAS 3 POSITIONS

### 1. Normal position

When pressed in against the case (position 1), the crown ensures that the watch is water-resistant (if not damaged).

## **2. To set the date and day**

Pull the crown out to position 2, turn it forwards to set the desired date. Turn it backwards to set the desired day of the week. Push the crown back to position 1.

## **3. To set the time**

Pull the crown out to position 3 and turn it forwards or backwards to set the desired time. Synchronize the seconds by pushing the crown back to position 1 to coincide with a given time signal.

## **QUARTZ WATCHES**

### **WITHOUT DATE DISPLAY**

#### **FIG III**

**CALIBERS: 140, 150, 153, 318, 322, 963**

### **THE CROWN HAS 2 POSITIONS**

#### **1. Normal position**

When pressed in against the case (position 1), the crown ensures that the watch is water-resistant (if not damaged).

#### **2. To set the time**

Pull the crown out to position 2 and turn it forwards or backwards to set the desired time. If the watch is equipped with a seconds hand, synchronize the seconds by pushing the crown back to position 1 to coincide with a given time signal.

**QUARTZ WATCHES  
WITHOUT CROWN  
FIG IV  
CALIBER: 964**

To set the time on crownless watches, use the magnetic pin or the enclosed magnet accessory to press the respective contacts on the caseback (FIG IVb) forwards (+) or backwards (-) to set the desired time.

To adjust the time forwards or back one minute at a time, maintain contact for 1 second; for 30-minute adjustments, maintain contact for around 3 seconds; to adjust by several hours, maintain contact for around 4 seconds.

**QUARTZ CERAMIC TOUCH WATCHES  
WITHOUT DATE DISPLAY  
FIG IV  
CALIBER: 277**

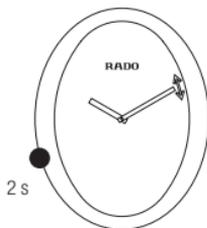
This watch has no crown. It is activated and the time is set by touch only.



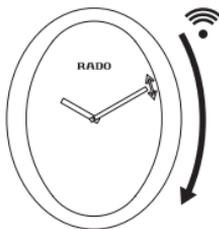
**1. Activating setting mode**

Activation is always a two-step process to avoid any unwanted changes in time setting.

**1a.** Touch the case at 8 o'clock for approximately 2 seconds. The minute hand will move slightly.



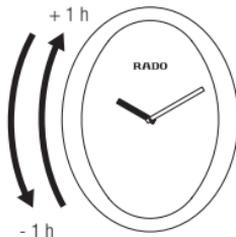
**1b.** Immediately slide your index finger down the right hand side of the watch case from top to bottom. The watch will emit a short 'beep' and the minute hand will move slightly again.



## 2. Setting the time

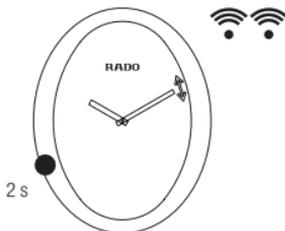
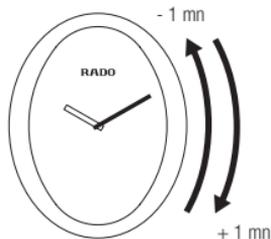
### **2a. Setting the hours / Changing time zone**

Slide your finger along the left hand side of the case clockwise = +1 hour, or anti-clockwise = - 1 hour.



### **2b. Setting the minutes**

Slide your finger along the right hand side of the case clockwise = + 1 minute or anti-clockwise = - 1 minute.



Without this confirmation, the watch will automatically exit setting mode after 10 seconds and will not retain the changes made in Step 2. The watch will return to the previous time setting.

### **3. Confirmation / Exit setting mode**

Touch the case at 8 o'clock for approximately 2 seconds to confirm the changes made to the time setting in step 2. The minute hand will move slightly and the watch will emit two 'beeps'. Setting mode is now deactivated.

**QUARTZ CERAMIC TOUCH WATCHES  
WITH A SECOND TIME ZONE  
WITHOUT DATE DISPLAY  
FIG IVc  
CALIBER: 765**

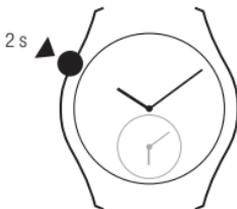
This watch has no crown. It is activated and the time is set by touch only. This watch has a 2nd Time Zone function, which is synchronised with the main one.

**TO SET THE MAIN TIME ZONE (MAIN DIAL)**

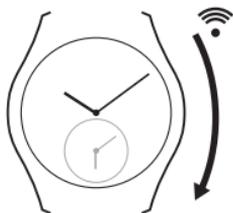
**1. Activating setting mode**

Activation is always a two-step process to avoid any unwanted changes in time setting.

**1a.** Touch the case at 10 o'clock until the minute hand on the main dial moves slightly.



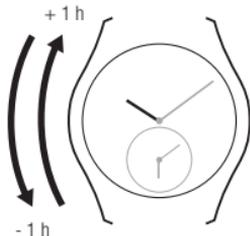
**1b.** Immediately slide your finger along the right hand side of the case from top to bottom. The minute hand moves slightly again and the watch emits a small beep.



## 2. Setting the time

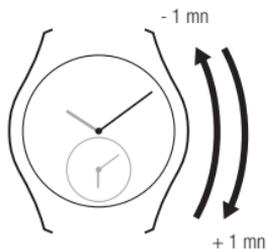
### 2a. Setting the hours

Slide your finger along the left hand side of the case clockwise = + 1 hour  
or anti-clockwise = - 1 hour.



### 2b. Setting the minutes

Slide your finger along the right hand side of the case clockwise = + 1 minute  
or anti-clockwise = - 1 minute.



## 3. Confirmation / Exit setting mode

Touch the case at 10 o'clock or at 8 o'clock for 2 seconds. The watch emits two small beeps. Setting mode is now deactivated and the time cannot be changed accidentally.



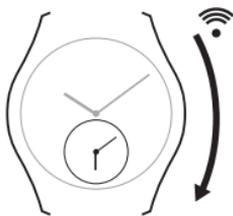
## TO SET THE SECOND TIME ZONE (SMALL DIAL)

### 1. Activating setting mode

**1a.** Touch the case at 8 o'clock, the minute hand on the small dial moves slightly.



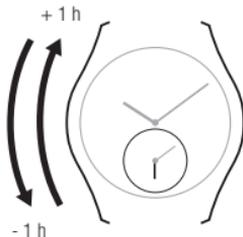
**1b.** Immediately slide your finger along the right hand side of the case from top to bottom. The minute hand moves slightly again and the watch emits a small beep.



### 2. Setting the time

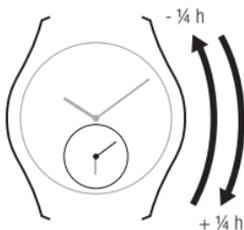
#### 2a. Setting the hours

Slide your finger along the left hand side of the case clockwise = + 1 hour  
or anti-clockwise = - 1 hour.



### **2b. Setting the quarter hours (minimum possible time zone difference)**

Slide your finger along the right hand side of the case clockwise = + ¼ hour  
or anti-clockwise = - ¼ hour.



### **3. Confirmation / Exit setting mode**

Touch the case at 8 o'clock or at 10 o'clock for 2 seconds. The watch will emit two small beeps. Setting mode is now deactivated and the time cannot be changed accidentally.



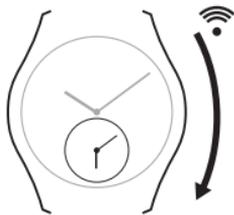
## **TIME ZONE SWAP**

### **1. Activating setting mode**

**1a.** Touch the case either at 8 o'clock (or 10 o'clock), the minute hand on the small (or main) dial moves slightly.



**1b.** Immediately slide your finger along the right hand side of the case from top to bottom. The same minute hand moves slightly again and the watch emits a small beep.



## 2. Swapping time zones

Touch the case simultaneously at 9 o'clock and 3 o'clock for 2 seconds. The hands on both dials will move quickly and the time set on each dial will move to the other one.



## 3. Confirmation / Exit setting mode

Touch the case either at 8 o'clock (or 10 o'clock) for 2 seconds. The watch will emit two small beeps. Setting mode is now deactivated and the time cannot be changed accidentally.



## RESYNCHRONISING THE MINUTE HANDS

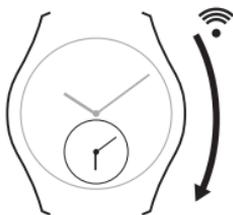
If the minute hands on the small and big dials are no longer aligned you can activate a special mode to resynchronise them.

### 1. Activating setting mode

**1a.** Touch the case at 8 o'clock, until the minute hand on the small dial moves slightly from right to left.



**1b.** Immediately slide your finger along the right hand side of the case from top to bottom. The minute hand moves slightly from right to left and the watch emits a small beep.



### 2. Set the position of the minute hand on the small dial

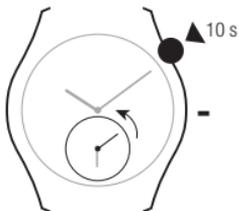
In order to proceed with the resynchronisation make sure the minute hands of both dials are at almost a full hour time difference. To do so follow the setting instructions.

### 3. Resynchronising the minute hand

Use option a. or b. depending on the direction you wish the minute hand of the small dial to move, in order to align it with the position of the minute hand of the main dial.

### **3a. Resynchronising the minute hand anti-clockwise**

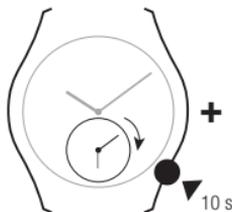
Touch the case at 2 o'clock, wait 10 seconds for hand to begin moving, hold until it has reached the same position as the minute hand on the main dial. The hand moves at 1/3 minute intervals for accuracy and the maximum correction possible is 5 minutes.



### **3b. Resynchronising the minute hand clockwise**

Touch the case at 4 o'clock, wait 10 seconds for hand to begin moving, hold until it has reached the same position as the minute hand on the main dial. The hand moves at

1/3 minute intervals for accuracy and the maximum correction possible is 5 minutes.



## **4. Confirmation / Exit setting mode**

Touch the case at 8 o'clock for two seconds. The watch emits two small beeps. Setting mode is now deactivated.



**QUARTZ CHRONOGRAPH WATCHES**  
**FIG VII**  
**CALIBERS: 538\*, 542**

\* On certain models these movements have no 1/10th of a second counter. In this case the timekeeping is precise to 1 second.

## **THE CROWN HAS 3 POSITIONS**

### **1. Normal position**

When pressed in against the case (position 1), the crown ensures that the watch is water-resistant (if not damaged).

### **2. To set the date**

Pull the crown out to position 2 and set the date by moving the hour hand forwards or backwards. To adjust by one day, the hour hand must be moved by 24 hours. Push the crown back to position 1.

*To change time zones, summer/winter time*  
Pull the crown out to position 2 and turn it forwards or backwards to set the desired hour. The minutes and seconds remain the same. Push the crown back to position 1.

### **3. To set the time**

Pull the crown out to position 3. The small seconds hand will stop. Set the correct time by turning the crown forwards or backwards. Synchronize the seconds by pushing the crown back to position 1 to coincide with a given time signal.

### **Chronograph functions**

Timing to within 1/10th of a second for up to 30 minutes.

#### *Addition function*

Pusher A: Start

Pusher A: Stop to read time

Pusher A: Restart

Pusher A: Stop

At the end of the last step, the chronograph indicates the total time.

Pusher B: Reset

### *Split time function*

Pusher A: Start

Pusher B: Stop to read the split time.

The chronograph continues to operate.

Pusher B: Restart

The chronograph hands catch up with the elapsed time.

Pusher A: For the last stop and to display the total time.

Pusher B: Reset

### *Readjusting the chronograph hands*

After a battery change it may be necessary to reset the hands to their original position.

Initialization of the 30-minute totalizer hand:

Pusher B and crown in position 2

Initialization of the 60-second totalizer hand:

Pusher A and crown in position 3

Initialization of the 1/10th of a second hand:

Pusher B and crown in position 3

Short push: Forward movement by one unit

Long push: Rapid forward movement of the hand

## **QUARTZ CHRONOGRAPH WATCHES FIG VIII CALIBER: 541**

### **SCREW-IN CROWN**

Certain models are fitted with a screw-in crown. With these models, the crown must be unscrewed before using it to adjust any settings. Following any adjustments, the crown must be returned to position 1 and screwed back in. Position 1 is the starting

point for all manipulations of the crown on all models.

## THE CROWN HAS 3 POSITIONS

### 1. Normal position

When pressed in against the case (position 1) or screwed in, the crown ensures that the watch is water-resistant (if not damaged).

### 2. To set the date

Pull the crown out to position 2 and set the date by moving the hour hand forwards or backwards. To adjust by one day, the hour hand must be moved by 24 hours. Push the crown back to position 1.

*To change time zones, summer/winter time*  
Pull the crown out to position 2 and turn it forwards or backwards to set the desired hour. The minutes and seconds remain the same. Push the crown back to position 1.

### 3. To set the time

Pull the crown out to position 3. The small seconds hand will stop. Set the correct time by turning the crown forwards or backwards. Synchronize the seconds by pushing the crown back to position 1 to coincide with a given time signal.

### Chronograph functions

Timing to within 1/10th of a second for up to 12 hours.

#### *Addition function*

Pusher A: Start

Pusher A: Stop to read time

Pusher A: Restart

Pusher A: Stop

At the end of the last step, the chronograph indicates the total time.

Pusher B: Reset

*Split time function*

Pusher A: Start

Pusher B: Stop to read the split time.

The chronograph continues to operate.

Pusher B: Restart

The chronograph hands catch up with the elapsed time.

Pusher A: For the last stop and to display the total time.

Pusher B: Reset

*Readjusting the chronograph hands*

After a battery change it may be necessary to reset the hands to their original position.

Initialization of the 12-hour totalizer hand:

Pusher A and crown in position 2

Initialization of the 60-minute totalizer hand:

Pusher B and crown in position 2

Initialization of the 60-second totalizer hand:

Pusher A and crown in position 3

Initialization of the 1/10th of a second hand:

Pusher B and crown in position 3

Short push: Forward movement by one unit

Long push: Rapid forward movement of the hand

**MULTIFUNCTION WATCHES****FIG V****CALIBERS: 193, 210****THE CROWN HAS 2 POSITIONS AND MULTIPLE FUNCTIONS**

Select function: Leave crown in position 1 and turn. Scroll through the 9 functions.

Adjust function: Pull crown out to position 2 and turn.

Turn function on/off: Press crown briefly.

Set to zero: Press crown and hold for 3 seconds.

## 1. To adjust the time

Select function 1

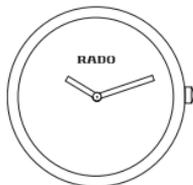


Pull crown out to position 2.

- a) Hours: Turn crown quickly.
- b) Minutes: Turn crown slowly.
- c) Seconds: Push the crown back to position 1. The seconds display blinks for 1 minute, during which a brief press of the crown will reset the seconds to zero.

## 2. To synchronize digital and analog displays

Set digital display to 24-hour mode (Function 6: T2), then select function 2.



Pull crown out to position 2.

Turn crown until both time displays are synchronized.

- a) Hours: Turn crown quickly.
- b) Minutes: Turn crown slowly.  
Push the crown back to position 1.

### 3. AL: Alarm

Select function 3



*To set the alarm:*

Pull crown out to position 2.

a) Hours: Turn crown quickly.

b) Minutes: Turn crown slowly.

Push the crown back to position 1.

*To switch alarm tone on/off*

Press crown briefly.

AL = alarm tone on. OF = alarm tone off

*NOTE: The alarm can be set in 12-hour (AM/PM) or 24-hour mode.*

### 4. CHR SP: Stopwatch with intermediate times (SPLIT)

Select function 4



Start: Press crown.

Stop: Press crown again, read off first intermediate (split) time. Chronograph continues to operate

Start again: Press crown again to show elapsed time. Repeat for further intermediate (split) times.

Stop: Press crown, read off total elapsed time.

Reset to zero: Press crown and hold for at least 3 seconds.

## 5. CHR Ad: Stopwatch with ADD timing mode.

Select function 5



Start: Press crown.

Stop: Press crown again and read off time.

Start again: Press crown again – and so on.

Reset to zero: Press crown and hold for at least 3 seconds.

## 6. T2: Additional time zone adjustment.

Select function 6



Pull crown out to position 2.

To adjust by hours: Turn the crown quickly.

To adjust by 1/2 hours: Turn the crown slowly.

Push the crown back to position 1.

*To select 24-hour display or AM/PM display.*

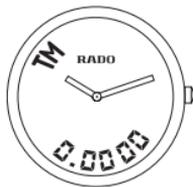
The watch can display the time in 12-hour (AM/PM) or 24-hour mode.

Select Function 6. To check the display mode, briefly press the crown once: if A or P appears, the time display is in 12-hour mode.

If no letter appears, the time display is in 24-hour mode. To change mode, press crown briefly a second time.

### 7. TM: Timer

Select function 7



*To set countdown start time*

Pull crown out to position 2.

- a) Hours: Turn crown quickly.
- b) Minutes: Turn crown slowly.

*To start countdown*

Push the crown back to position 1. When the countdown reaches zero, the watch emits an audible signal. To switch the signal off, press crown briefly.

*Timer memory function.*

Pressing the crown automatically resets the preprogrammed starting time for the countdown, and the countdown begins again.

*To reset countdown to zero (at any time)*

Press crown for at least 3 seconds.

### 8. To change language and year

Select function 8



Pull crown out to position 2.

Language: Turn crown quickly.

E = English    D = German

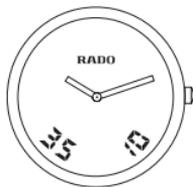
F = French    S = Spanish

Year: Turn crown slowly.

Push the crown back to position 1.

## 9. To adjust the date

Select function 9



Pull crown out to position 2.

Month: Turn crown quickly.

Date: Turn crown slowly.

Push the crown back to position 1.

*NOTE: The month number is stored in the memory but is not continuously displayed; it must be set correctly in order for the calendar to function properly.*

## DIGITAL WATCHES WITH SELF-WINDING MECHANISM FIG VI CALIBER: 290

### THE CROWN HAS 2 POSITIONS AND MULTIPLE FUNCTIONS

#### 1. Normal position

Time display: hours and minutes.

To display the date, turn the crown: the date appears for 2 seconds.

#### 2. To set the time

Pull the crown out to position 2.

Display blinks.

a) Hours: Turn crown quickly.

b) Minutes: Turn crown slowly.

Push the crown back to position 1.

This will also reset the seconds to zero.

*NOTE: The seconds are not displayed.*

**To set the date**

Turn the crown. The date is displayed. Immediately pull the crown out to position 2. Display blinks.

a) Month: Turn crown quickly.

b) Date: Turn crown slowly.

Push the crown back to position 1.

*NOTE: The month number is stored in memory but is not continuously displayed; it must be set correctly in order for the calendar to function properly.*

**To select 12/24 h display**

Pull the crown out to position 2.

Push the crown back to position 1 and immediately pull it out again to position 2.

Turn the crown to select the mode: 12 h or 24 h.

Push the crown back to position 1.

**POWER RESERVE/WINDING**

The running time depends on how long the watch has been worn. With a fully loaded power reserve, the watch will run for 120 days. It takes 4 to 9 months of wearing the watch for it to reach the full power reserve.

When there is only a little energy left, the corresponding symbol (the small bar at the center of the dial, directly beneath the time display) starts to blink. The watch can be wound manually at any time by turning the crown forwards.

If the movement is completely stopped, you can restart it by winding it for at least 15 seconds before setting the time.

If you wish to store the watch for a long time, you may pull out the crown to position 2. This will reduce its power consumption considerably and increase the power reserve up to 10 years, but the time of day will be lost.

## SELF-WINDING WATCHES WITH DATE DISPLAY

### FIG 1

**CALIBERS: 550, 557\*, 561, 580, 609,  
629, 656\*, 657\*, 658\*\*, 734\*, 763\*\*\***

\* On certain models this movement has no date display (jewelry or skeleton versions) and only the positions 1 and 3 are functional (FIG. 1b).

\*\*\* This movement has a power reserve up to 80 hours.

### SCREW-IN CROWN

Certain models are fitted with a screw-in crown. With these models, the crown must be unscrewed before using it to adjust any settings. It must then be returned to position 1 and screwed back in. With all models, position 1 is the starting point for all manipulations of the crown.

## THE CROWN HAS 3 POSITIONS

### 1. Normal position

The crown is in its normal position if it is pressed up against the case (position 1) or screwed in. In this position, the crown ensures that the watch is water-resistant (if not damaged).

### 2. To set the date and day

Pull the crown out to position 2, turn it forwards or backwards (depending on the movement) to set the desired date. Push the crown back to position 1.

*NOTE: Date setting is not recommended between 8 pm and 2 am.*

### 3. To set the time

Pull the crown out to position 3 and turn it forwards or backwards to the desired time. Synchronize the seconds by pushing

the crown back to position 1 to coincide with a given time signal.

### **\*\*Rotating bezel (FIG. 1c)**

On certain models the rotating bezel is located under the protective covering of the sapphire crystal and can be manipulated with crown B.

#### *Short time measurement*

Unscrew crown B. Turn the crown to move the 60-minute marker to the position of the minute hand. Screw crown B back in place. The elapsed time can subsequently be read off on the inner rotating bezel.

## **SELF-WINDING WATCHES WITH DAY/DATE DISPLAY FIG II**

**CALIBERS: 636, 648, 770\*\*\***

\*\*\* This movement has a power reserve up to 80 hours.

### **THE CROWN HAS 3 POSITIONS**

#### **1. Normal position**

When pressed in against the case (position 1), the crown ensures that the watch is water-resistant (if not damaged).

#### **2. To set the date**

Pull the crown out to position 2, turn it forwards to set the desired date. Turn it backwards to set the desired day of the week. Push the crown back to position 1.

*NOTE: Date setting is not recommended between 8 pm and 2 am.*

### **3. To set the time**

Pull the crown out to position 3 and turn it forwards or backwards to the desired time. Synchronize seconds by pushing the crown back to position 1 to coincide with a given time signal.

**SELF-WINDING CHRONOGRAPH  
WITH DATE  
FIG IX, FIG XIII  
CALIBERS: 650, 652**

## **THE CROWN HAS 3 POSITIONS**

### **1. Normal position**

When pressed in against the case (position 1), the crown ensures that the watch is water-resistant (if not damaged).

### **2. To set the date**

Pull the crown out to position 2 and rotate it backwards to the desired date, then push the crown back to position 1.

*NOTE: Date setting is not recommended between 8 pm and 2 am.*

### **3. To set the time**

Pull the crown out to position 3. The small seconds hand will stop. Set the correct time by turning the crown forwards or backwards. Synchronize the seconds by pushing the crown back to position 1 to coincide with a given time signal.

## **Chronograph functions**

Timing to within 1/5th of a second for up to 12 hours.

Make sure the chronograph hands are at zero (Pusher B).

Pusher A: Start – stop, start – stop etc.

Pusher B: Reset (after a stop).

**SELF-WINDING SPLIT-SECONDS  
CHRONOGRAPH  
FIG X  
CALIBER: 663**

**SCREW-IN CROWN**

This model is fitted with a screw-in crown. The crown must be unscrewed before using it to adjust any settings. It must then be returned to position 1 and screwed back in. Position 1 is the starting point for all manipulations of the crown.

**THE CROWN HAS 3 POSITIONS**

Only positions 1 and 3 are functional.

**1. Normal position**

When pressed in against the case and screwed in, the crown ensures that the watch is water-resistant.

**3. To set the time**

Pull the crown out to position 3. The small seconds hand will stop. Set the correct time by turning the crown forwards or backwards. Synchronize the seconds by pushing the crown back to position 1 to coincide with a given time signal.

**Chronograph functions**

Timing to within 1/5th of a second for up to 12 hours.

Make sure the chronograph hands are at zero (Pusher B).

Pusher A: Start – stop, start – stop etc.

Pusher B: Reset (after a stop).

## **Chronograph functions with split-seconds**

The split-seconds function allows split times to be recorded while the chronograph is running.

1. Start the chronograph by pressing pusher A.
2. To record a split time, press pusher C.

The split-seconds hand stops, indicating the split time, while the chronograph continues running.

*NOTE: The split time should be read immediately, since the chronograph totalizers for hours, minutes and seconds continue to measure the elapsed time.*

*While the chronograph is running, do not leave the split-seconds hand stopped any longer than is necessary to read the split time, otherwise the functioning of the split-seconds mechanism may be affected.*

3. Press pusher C for the split-seconds hand to catch up with the chronograph seconds hand.

4. To record a new split time, start from step 2 above.
5. Press pusher A to stop the chronograph.
6. Press pusher B to reset.

*IMPORTANT: The split-seconds hand must have caught up with the chronograph seconds hand, as explained in step 3 above, before the chronograph is reset.*

**SELF-WINDING CHRONOGRAPH  
WITH DATE  
FIG XII  
CALIBER: 604**

**THE CROWN HAS 2 POSITIONS**

**1. Normal position**

When pressed in against the case (position 1), the crown ensures that the watch is water-resistant (if not damaged).

**2. To set the date**

Set the date by pressing on push-button C. The date changes at each press. Date correction is not possible between 8.30 pm and 11 pm.

**To set the time**

Pull the crown out to position 2. The small seconds hand will stop. Set the correct time

by turning the crown forwards or backwards. Synchronize the seconds by pushing the crown back to position 1 to coincide with a given time signal.

**Chronograph functions**

Timing to within 1/5th of a second for up to 30 minutes.

Make sure the chronograph hands are at zero (Pusher B).

Pusher A: Start – stop, start – stop etc.

Pusher B: Reset (after a stop).

**SELF-WINDING CHRONOGRAPH  
WITH DATE  
FIG XI  
CALIBER: 674\***

\* On certain models this movement has no display of the date.

**THE CROWN HAS 3 POSITIONS**

**1. Normal position**

When pressed in against the case (position 1), the crown ensures that the watch is water-resistant (if not damaged).

**2. To set the date**

Pull the crown out to position 2, turn it forwards to set the desired date.

Turn it backwards to set the desired day of the week and the desired language.  
Push the crown back to position 1.

*NOTE: Date setting is not recommended between 8 pm and 2 am.*

**3. To set the time**

Pull the crown out to position 3 and turn it forwards or backwards to the desired time. Synchronize seconds by pushing the crown back to position 1 to coincide with a given time signal.

**Chronograph functions**

Timing to within 1/5th of a second for up to 12 hours.

Make sure the chronograph hands are at zero (Pusher B).

Pusher A: Start – stop, start – stop etc.

Pusher B: Reset (after a stop).

## **SELF-WINDING WATCHES WITH A SECOND TIME ZONE AND DATE DISPLAY (GMT/UTC)**

### **FIG XIV**

**CALIBER: 642**

### **THE CROWN HAS 3 POSITIONS**

#### **1. Normal position**

When pressed in against the case (position 1), the crown ensures that the watch is water-resistant (if not damaged).

#### **2. To set the date and the second time zone**

Pull the crown out to position 2, and turn it backwards until you obtain the desired date. Turn the crown forwards until you obtain the desired time for the second time zone (24-h hand). Push the crown back to position 1.

*NOTE: Date setting is not recommended between 8 pm and 2 am.*

#### **3. To set the time**

Pull the crown out to position 3, and turn it forwards or backwards to the desired time. Synchronise the seconds by pushing the crown back to position 1 to coincide with a given time signal.

## **HAND-WOUND MECHANICAL WATCHES WITHOUT DATE DISPLAY**

### **FIG III**

**CALIBER: 510**

### **THE CROWN HAS 2 POSITIONS**

#### **1. Normal position**

When pressed in against the case (position 1), the crown ensures that the watch is water-resistant (if not damaged).

## **Winding**

This mechanical calibre is hand-wound. In order to ensure continuous operation of the watch, it must be fully wound once a day by turning the crown forwards in position 1.

### **2. To set the time**

Pull the crown out to position 2, and turn it forwards or backwards to the desired time.