

# Reference 5204

Caliber CHR 29-535 PS Q



*Split-seconds chronograph  
with perpetual calendar.*

The Reference 5204 Grand Complication wristwatch is the first Patek Philippe split-seconds chronograph with a perpetual calendar featuring a movement developed and crafted in its entirety in the manufacture's ateliers. The classic architecture of the manually wound caliber CHR 29-535 PS Q movement incorporates a horizontal clutch and two column wheels. It is endowed with numerous technical advances and the basic caliber alone features six patented innovations. The split-seconds mechanism was largely redesigned and optimized with two

decisive refinements: a new isolator system for the split-seconds lever and a patented mechanism that assure the nearly perfect congruence of the chronograph and split-seconds hands. Many further innovations boost its rate accuracy, performance, and long-term reliability. Despite its 182 parts, the perpetual calendar module has a height of merely 1.65 mm, demonstrating the peerless competence of Patek Philippe in the domain of grand complications and exceptional timepieces.

## Indications, functions, and settings



### DISPLAYS AND FUNCTIONS

- 1- DAY OF WEEK
- 2- MONTH
- 3- YEAR (4 = LEAP YEAR)
- 4- MOON PHASE DISPLAY
- 5- DAY/NIGHT INDICATOR
- 6- 30-MINUTE COUNTER
- 7- WINDING POSITION
- 8- HANDSETTING POSITION
- 9- SUBSIDIARY SECOND
- 10- CHRONOGRAPH START/STOP PUSHER
- 11- CHRONOGRAPH RESET PUSHER
- 12- DATE
- 13- SPLIT-SECONDS PUSHER

### SETTINGS

- A- PUSH PIECE FOR DAY CORRECTIONS (1)
- B- PUSH PIECE FOR DATE CORRECTIONS (12)
- C- PUSH PIECE FOR MONTH CORRECTIONS (2)
- D- PUSH PIECE FOR MOON PHASE CORRECTIONS (3)

## Instructions

### WINDING CROWN

The winding crown is used to wind the watch (position 1) and to set the time (position 2).

### WINDING

Your watch has a manually wound movement which when fully wound has a power reserve of at least 55 hours. The power reserve may be affected if the chronograph functions are used frequently. We recommend that you wind your watch each day at about the same time, preferably in the morning (about 25 clockwise turns of the crown).

**Caution:** We advise you to wind the watch before you put it on. This way, you can avoid lateral pressure on the winding stem, which in the course of the years could damage the stem tube. Turn the crown gently and uniformly, and stop as soon as you feel resistance: excessively vigorous winding could damage the movement.

#### SETTING THE TIME

To set the time, gently pull out the crown and move the hands in either direction. Once you have set the correct time, push the crown home again. The day/night indicator at 7:30 allows you to verify whether the time displayed by your watch is between 6 am and 6 pm (white) or between 6 pm and 6 am (blue). If you advance the hands beyond midnight, all calendar displays will switch to the next day as well. We advise against moving the hands beyond midnight in the counterclockwise direction because this would desynchronize the calendar mechanism. However, this will not damage the movement. Never pull out the crown or activate the pushers or the correctors in a humid environment or underwater, as the water resistance of your watch would no longer be guaranteed under these conditions.

**Caution:** *Remove the watch from your wrist to adjust the time. This way, you can avoid lateral pressure on the winding stem. Please use your fingernails to pull the crown out and turn it gently between two fingertips.*

#### PERPETUAL CALENDAR

The perpetual calendar indicates the day of the week, the date, and the month, automatically taking into account months with 28, 29, 30, and 31 days. It switches directly from September 30 to October 1 or from February 28 to March 1. In leap years, it indicates February 29 before switching to March 1. In addition to the date, day, and month, the watch also features a leap-year display. The moon-phase display is highly accurate: it deviates from the true lunar cycle by merely one day every 122 years. If the watch is wound daily, the perpetual calendar will not require any manual corrections before February 28, 2100; this is a secular year that by exception omits the 29th of February.

**Caution:** *Please do not perform any calendar or moon-phase adjustments between 5:30 pm and 2 am. To make sure your corrections do not interfere with any switching actions, set the watch to 6 am and observe the color of the day/night indicator (must be white).*

Should your watch have stopped running, please make sure you wind it before any settings or corrections.

*To actuate the correction push pieces, use only the stylus that was delivered with your watch. The use of any other tool could damage your timepiece. Make sure you press the push pieces all the way in with the stylus, and then gently release them.*

*Never activate the pushers or the correctors in a humid environment or underwater, as the water resistance of your watch would no longer be guaranteed under these conditions.*

*The adjustments and corrections must be performed in the order described below.*

#### **1. CORRECTION OF LEAP-YEAR CYCLE AND MONTH**

To simultaneously correct these two displays, actuate the push piece between 12 and 1 o'clock as often as necessary to display the current year (4 = leap year; 1 = 1st year after leap year; 2 = 2nd year after leap year; 3 = 3rd year after leap year) and the current month. Visit [www.patek.com](http://www.patek.com) to find the current leap-year cycle.

#### **2. CORRECTION OF DATE**

To set the date, actuate the correction push piece between 11 and 12 o'clock as many times as needed to display the current date.

#### **3. CORRECTION OF DAY OF WEEK**

To set the day of the week, actuate the correction push piece between 10 and 11 o'clock as many times as needed to display the current day.

#### **4. SETTING / CORRECTING THE MOON PHASE**

Each time you press the push piece between 6 and 7 o'clock, the moon-phase display will advance by one day. Advance the lunar disk until the full moon appears in the aperture. Consult an almanac or visit [www.patek.com](http://www.patek.com) to see the date of the last full moon. To set the correct moon phase, press the push piece as many times as days have elapsed since the last full moon (including the day of the correction).



### SPLIT-SECONDS CHRONOGRAPH

The two seconds hands are started and stopped by consecutively pressing the button at 2 o'clock.

To read a lap time without stopping the chronograph, press the button in the crown (split-seconds button); this will stop the split-seconds hand only.

When you press the split-seconds button anew, the split-seconds hand will swiftly catch up with the chronograph hand again. Repeat the process to obtain further lap time readings.

We advise against running the chronograph permanently; this could cause premature wear of the mechanism.

### NORMAL USE

Actuate the button **A** at 2 o'clock: This simultaneously starts the chronograph and split-seconds hands.

Actuate the button **B** in the crown: This stops the split-seconds hand.

Actuate the button **B** in the crown again: the split-seconds hand catches up with the chronograph hand.

Actuate the button **A** at 2 o'clock: This stops the chronograph.

Actuate the button **C** at 4 o'clock to set the superimposed chronograph and fly-back hands to zero (reset).

**Caution:** Do not reset before the chronograph and split-seconds hands are superposed. Otherwise, the split-seconds hand will remain at its last lap time position.

## Maintenance

### **CERTIFICATE OF ORIGIN**

Your watch is delivered with a certificate of origin that indicates the movement and case numbers. The certificate is valid only if it is dated, signed by an Authorized Patek Philippe Retailer, and completed with your name. It guarantees the authenticity of your watch and validates your warranty privileges. The unique movement and case numbers of each watch are transcribed into the workshop journals. With this information, you may have yourself entered in the «Patek Philippe Register of Owners» and will obtain the International Patek Philippe Magazine free of charge.

### **PATEK PHILIPPE SEAL**

As an all-encompassing hallmark of quality, the Patek Philippe Seal applies to the entire watch, including the movement, case, dial, hands, pushers, strap, and clasp as well as to all other facets that contribute to the precision and aesthetic perfection of the timepiece. It covers the technical, functional, and aesthetic factors, but also rate accuracy, dependability, and customer service quality. Additionally, it reflects the maker's know-how and all other assets needed for the development, production, and long-term maintenance of an extraordinary timekeeping instrument.

### **QUALITY CONTROL**

The movements and completely assembled watches are subject to a series of technical tests and visual inspections to verify their rate accuracy, power reserve, reliability, water resistance, and overall appearance. After it was assembled, your manually wound watch will already have run for 14 days before leaving the workshops; it fully complies with the stringent criteria of the Patek Philippe Seal.

### **RATE ACCURACY**

The rate accuracy of Patek Philippe watches is verified in several phases of manufacturing, both with uncased and fully cased movements. The final test is performed with a wrist motion simulator and the results must conform to the following Patek Philippe precision benchmarks:

The rate accuracy of calibers with a diameter of 20 mm or larger must range within -1 and +2 seconds per 24 hours.

The precision of a watch is determined by how accurately it keeps the time. A watch that is fast or slow is considered precise if the amount by which it is fast or slow remains constant. Such a deviation can be easily corrected. The last test of accuracy takes place on your wrist. Your temperament or the nature of your physical activities can cause slight irregularities. Fluctuations in position, temperature, or air pressure, as well as vibrations and other factors may also affect its accuracy.

If you notice that your watch exhibits such irregularities, please do not hesitate to take it to an Authorized Patek Philippe Retailer or an Authorized Service Center where no effort will be spared to assure that it is adjusted to meet your expectations.

#### **WATER RESISTANCE**

Your watch is fitted with different types of seals to protect the movement against the ingress of dust and moisture and to prevent damage if it is immersed in water. However, if your watch receives a blow to the crown or the crystal, its water resistance may be impaired. Additionally, we recommend that you prevent direct contact with water if your watch has a leather strap.

#### **CHANGING THE CASE BACK**

Your watch comes with a sapphire-crystal case back as well as with an interchangeable solid-metal back. Only qualified master watchmakers at the Patek Philippe workshops in Geneva are authorized to exchange the backs.

#### **SERVICE**

We recommend that you have your watch serviced every 8 to 10 years. For this purpose, we suggest that you bring or send your watch to an Authorized Patek Philippe Retailer or an Authorized Service Center. This gives you the assurance that your watch will be entrusted to hands of a qualified Patek Philippe watchmaker in Geneva.

The watchmaker will completely disassemble the movement and then clean and inspect all parts and lubricate them in the reassembly process. All functions of the watch will also be tested in detail and the escapement regulated if necessary. Finally, its rate accuracy will be monitored and precision-adjusted for a further period of two weeks.

The entire process may take several weeks because each watch must undergo a complete series of tests to fulfill the strict quality criteria of Patek Philippe.

If you have any questions regarding the maintenance of your watch or need the address of the Authorized Patek Philippe Service Center nearest you, contact our International Customer Service department in Geneva, or visit [www.patek.com](http://www.patek.com).

## Specifications of the movement



CALIBER:	CHR 29-535 PS Q
DIAMETER:	32 MM
HEIGHT:	8.7 MM
NUMBER OF PARTS:	496
NUMBER OF JEWELS:	34
POWER RESERVE:	WITH THE CHRONOGRAPH DISENGAGED: MIN. 55 HOURS - MAX. 65 HOURS
BALANCE:	GYROMAX®
FREQUENCY:	28,800 SEMI-OSCILLATIONS PER HOUR (4 Hz)
BALANCE SPRING:	BREGUET
HALLMARK:	PATEK PHILIPPE SEAL