

Reference 5374

Caliber R 27 Q



*Self-winding wristwatch with
minute repeater and perpetual calendar.*

Introduction

The Reference 5374 Grand Complication with minute repeater and perpetual calendar combines technical excellence and elegance in a new white gold version with a *Grand Feu* blue enamel dial featuring a glossy finish. The case shape is distinguished by its subtle interplay of curves and its concave bezel. The minute repeater with its "cathedral" gongs wrapping almost twice around the movement is distinguished by its rich, deep sound.

The minute repeater

On demand, the minute repeater strikes the hours, the quarter-hours, and the minutes that have elapsed since the last quarter-hour. One hammer strikes the hours on the low-pitched gong once for each hour. Subsequently, each quarter-hour is sounded as an alternating double strike by two hammers on both the high- and low-pitched gongs. Finally, the second hammer strikes the high-pitched gong to count the number of minutes that have passed since the last quarter-hour.

12 low strikes, three double high-low strikes, 14 high strikes: This constitutes the melody with a total of 32 strikes at 12:59.

The “cathedral” gongs

The «cathedral» gong differs from classic gongs in terms of its extraordinary length. «Cathedral» gongs wrap around the movement with a length equivalent to nearly two circumferences and are thus twice as long as classic ones. The result is a rich tone with a particularly long reverberation.

The perpetual calendar

The perpetual calendar indicates the date, the day of the week, the month, and the leap-year cycle, 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.

If the watch is worn regularly or kept in a winder, the perpetual calendar mechanism will require no manual correction until February 28, 2100, a secular year in which, as an exception, February 29 is skipped.

Displays, functions, and correctors



DISPLAYS AND FUNCTIONS

- 1- YEAR (4 = LEAP YEAR)
- 2- MONTH
- 3- MOON PHASE
- 4- CALENDAR (DATE)
- 5- 24-HOUR DIAL
- 6- DAY OF THE WEEK
- 7- MANUAL WINDING
- 8- SETTING THE TIME
- 9- SLIDE FOR ACTUATING THE MINUTE REPEATER

CORRECTORS

- A**- CALENDAR CORRECTION PUSH PIECES: DATE (4), MONTH (2), YEAR (1)
- B**- CORRECTION PUSH PIECES FOR THE MONTH (2) AND THE YEAR (1)
- C**- MOON-PHASE CORRECTION PUSH PIECE (3)
- D**- DAY-OF-WEEK CORRECTION PUSH PIECE (6)

NOTE ON CORRECTING PERPETUAL CALENDAR DISPLAYS (PUSH PIECE **A**) AND MOON PHASE DISPLAY (PUSH PIECE **C**):

- PLEASE PERFORM ALL SETTINGS AND ADJUSTMENTS WITH THE CORRECTION STYLUS THAT WAS DELIVERED WITH YOUR WATCH. THE USE OF ANY OTHER TOOL COULD DAMAGE YOUR WATCH.
- DATE AND MOON PHASE CORRECTIONS MUST BE MADE AT 7 AM. THIS IS THE ONLY WAY TO ASSURE THAT THE DATE CHANGE MECHANISMS ARE NOT ENGAGED AND CANNOT BE DAMAGED.
- THE SETTING SEQUENCE DESCRIBED HEREAFTER MUST BE STRICTLY OBSERVED.

Settings

PREPARATIONS PRIOR TO SETTING



- Before performing any corrections or settings, always wind the watch until the movement restarts (about 20 clockwise turns of the crown).
- Pull the crown (8) out.
- Advance the hands clockwise until the day-of-week hand (6) and the date hand (4) switch forward by one day.
- Set the hands to 7 am.
- Push the winding crown (7) home again.

SETTING THE CALENDAR DISPLAYS



- Actuate the correction push piece (A) as many times as needed to align the date hand (4) with the current date.
- Actuate the correction push piece (B) as many times as needed to indicate the correct year (1) (2021 = I ; 2022 = II ; 2023 = III ; 2024 = leap year IV) and then the current month (2).
- Actuate the correction push piece (D) as many times as needed to display the current day of the week (6).

SETTING THE MOON PHASE



- Actuate the correction push piece (C) as many times as needed to display the full moon in the moon-phase aperture (3).
- Consult an almanac or visit www.patek.com find out how many days have elapsed since the last full moon and actuate the correction push piece that many times (without the day of the last full moon).

SETTING THE TIME



- Pull the crown (8) out.
- Set the hands to the correct time. If you advance the hands beyond midnight, all displays of the perpetual calendar will be advanced as well.
- After having set the time, push the crown (7) home again.

Minute repeater

The strike sequence of the minute repeater must be allowed to end completely before it is activated again.

Caution: Under no circumstances should you manipulate the winding crown while the minute repeater is striking the time and during 30 seconds thereafter. Doing so could cause damage to the repeating mechanism which would not be covered by the warranty.

To activate the striking mechanism, push the slide (9) all the way up.

Now release it completely - do not pull it down.

Two small hammers will now strike the hours, quarter-hours, and minutes on two gongs of low and high pitch.

If the watch was set aside unwound for an extended period of time, the minute repeater might not indicate the correct time because the oil may have thickened at some points inside the mechanism. This is absolutely normal and has no negative consequences. The striking mechanism will function correctly again within one to two hours after the watch has been rewound.

Recommendations

WATER RESISTANCE

Although your watch is equipped with seals for the crown, it is not protected against the ingress of moisture because of the slot for the minute repeater slide.

Therefore, exercise care to ensure that liquid does not come into contact with your watch.

SERVICE

We recommend that you have your watch serviced every 8 to 10 years. For this purpose, we suggest you take it to an Authorized Patek Philippe Retailer who will send it to our Geneva manufacture, the only location authorized to service watches with minute repeaters. You can then be assured that your watch will be inspected and overhauled by a qualified master watchmaker at Patek Philippe headquarters in Geneva.

The master watchmaker will completely disassemble the movement and then inspect, clean, and lubricate all the individual parts prior to reassembly. 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 at least two weeks.

The case and the buckle will be polished as per your instructions and your watch will be returned to you in mint condition. 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, contact the Authorized Patek Philippe Retailer nearest you or our International Customer Service department in Geneva, or visit www.patek.com.

WINDING

Your watch is wound automatically by the movements of your wrist, which set a winding mechanism in motion. When fully wound and off the wrist, your watch has a power reserve of at least 38 hours. If it was set aside for a longer period of time and is no longer running, it can be wound by hand until the movement restarts (about 20 clockwise turns of the crown).

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.

The same applies to handsetting. Please use your fingernails to pull the crown out and turn it gently between two fingertips.

WATCH WINDER

Your self-winding wristwatch was presented to you in a case with a winder. Keep your watch in this winder if you do not intend to wear it for several days. The constant motion of the winder will keep your watch wound and no time or calendar adjustments will be needed when you put it on again.

PATEK PHILIPPE SEAL

As a comprehensive seal 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 visible appearance of the timepiece. Its applicability to the technical, functional, and aesthetic aspects of the watch takes into consideration not only the artisanship with which it was crafted, but also covers its rate accuracy, its dependability, and the quality of customer service. Moreover, it stands for the entire know-how and all the special skills invested in the development, production, and long-term maintenance of an extraordinary timepiece.

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.

Specifications of the movement



CALIBER:	R 27 Q, SELF-WINDING
DIAMETER:	28 MM
HEIGHT:	6.9 MM
NUMBER OF PARTS:	478
NUMBER OF JEWELS:	39
WINDING ROTOR:	GUILLOCHED 22K GOLD MINIROTOR, UNIDIRECTIONALLY WINDING
POWER RESERVE:	MIN. 38 HOURS - MAX. 48 HOURS
BALANCE:	GYROMAX®
FREQUENCY:	21,600 SEMI-OSCILLATIONS PER HOUR (3 HZ)
BALANCE SPRING:	SPIROMAX®
HALLMARK:	PATEK PHILIPPE SEAL