

Reference 7040/250

Florentine Mosaic
Caliber R 27 PS



*Calatrava minute repeater wristwatch
with dial in miniature painting on enamel*

This unique piece in white gold reproduces in miniature painting on enamel the “Florentine mosaic” technique, with which artisans, particularly those of Italy, produced highly accomplished naturalistic decorations in hardstone. Its floral composition draws inspiration from a seventeenth-century table conserved in Florence. The enameller began by preparing the dial with a background of black *Grand Feu* enamel. He then applied from 2 to 3 coats of *grisaille* enamel, which served as a base for his decor of flowers. Working with a palette of 16 enamel colors, he built up his picture, which faithfully reproduces the effect of stone marquetry, introducing small deft markings that suggest the minerals’ natural inclusions. He perfected his masterpiece with 9 finishing coats of flux, a transparent

enamel, lending an extraordinary sense of depth to his design. The dial called for a formidable total of about 25 firings at a temperature of approximately 750°C. The bezel is set with 168 diamonds (~0.83 ct). “Alpha”-type hands in white gold with a stamped decoration indicate the time. An alligator leather strap in shiny turquoise green, secured by a prong buckle in white gold set with 26 diamonds (~0.19 ct) takes up the color palette of the dial. The Officer-style case in white gold with straight lugs houses the caliber R 27 PS self-winding movement with minute repeater. The refined architecture and the painstaking finishing touches lavished on this Grand Complication may be admired through a sapphire crystal back (interchangeable with a solid back in white gold).

The minute repeater

On demand, the minute repeater strikes on two classic gongs the hours, the quarter-hours, and then the minutes that have elapsed since the last quarter-hour. The first hammer strikes the hours on the low-pitched gong with one strike 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. For the first quarter-hour, a double-strike sequence is played; for the half-hour, two double-strike sequences; and for the third quarter-hour three double-strike sequences. Finally, the second hammer strikes the high-pitched gong to count the number of minutes that have passed since the last quarter-hour. At 12:59, the melody consists of 12 low sounds, 3 double high/low sounds, and 14 high sounds (totaling the maximum of 32 strikes).

Minute repeater

To activate the minute repeater, push the slide (3) all the way up. **Now release it completely – do not pull it down.** Two small hammers will now strike on two classic gongs the hours, quarter-hours, and minutes. If the watch was set aside unwound for an extended period of time, the minute repeater might not indicate the correct time on the first try. This may happen if the oil is not evenly distributed but bears no negative consequences. The striking mechanism will function correctly if you activate it two or three times in a row.

Caution:

- The strike sequence of the minute repeater must be allowed to end completely before it is activated again.
- Never actuate the winding crown as long as the repeater is working and for 30 seconds thereafter. Doing so could cause damage to the striking mechanism which would not be covered by the warranty.

Settings



- Before you perform any corrections or settings, wind the watch by hand (about 20 turns of the winding crown).
- Pull the crown out (1).
- Turn the hands forward.
- Push the winding crown home again (2).

Recommendations

WATER RESISTANCE

Although your watch is equipped with a water-resistant crown, it is not protected at all 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 will 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

When it is on your wrist, your watch is wound automatically by your arm movements. When fully wound and off the wrist, your watch has a power reserve of at least 43 hours. If your watch stopped because you set it aside for an extended period of time, you can wind it manually with about 20 turns of the crown clockwise. Never pull out the crown in a humid environment or underwater, as the water resistance of your watch would no longer be guaranteed under these conditions.

We advise you to wind the watch before you put it on. This way, you can avoid lateral pressures on the winding stem which, repeated, 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.

CHANGING THE CASE BACK

Your watch comes with a sapphire-crystal case back and a separate interchangeable solid metal back. Only qualified master watchmakers at the Patek Philippe workshops in Geneva are authorized to perform this change.

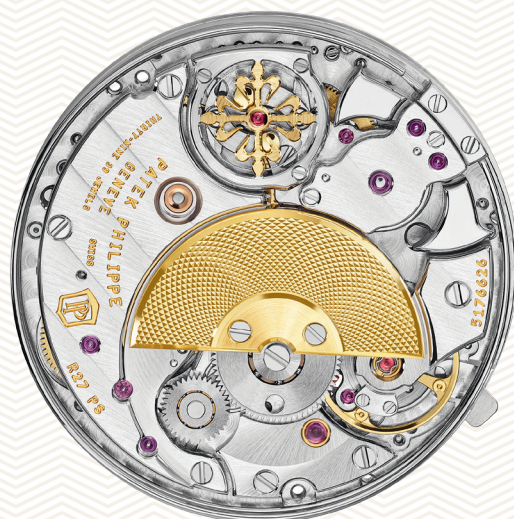
WATCH WINDER

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

The Patek Philippe Seal is a global emblem of quality that applies to the completed and fully cased watch. It covers the movement, the case, the dial, the hands, the pushers, the strap and bracelet, the clasp, as well as all other components that contribute to the accuracy and aesthetic appeal of a watch. It takes technical, functional, and design-related aspects into account and also covers the visual appearance of the watch, its rate accuracy and dependability, as well as the quality of the customer service to which its owner is entitled. It encompasses the entire know-how and the unique facets that govern the development, production, and long-term maintenance of an exceptional timepiece.

Movement technical data



CALIBER:	R 27 PS
DIAMETER:	28 MM
HEIGHT:	5.05 MM
NUMBER OF PARTS:	327
NUMBER OF JEWELS:	39
POWER RESERVE:	MIN. 43 HOURS - MAX. 48 HOURS
WINDING ROTOR:	GUILLOCHED 22K GOLD MINIROTOR, UNIDIRECTIONALLY WINDING
BALANCE:	GYROMAX®
FREQUENCY:	21,600 SEMI-OSCILLATIONS PER HOUR (3 HZ)
BALANCE SPRING:	SPIROMAX®
HALLMARK:	PATEK PHILIPPE SEAL