

**PANERAI**  
LABORATORIO DI IDEE.



RADIOMIR  
**1940**



## RADIOMIR 1940

### A CLASSIC OF MODERNITY

A design can be timeless. It can be a witness and protagonist of the period in which it was born but at the same time it is still contemporary. It is a design classic. Whether it is the fruit of the ingenuity of a maestro or whether it is born almost spontaneously from the function for which it is intended, a design classic is immediately recognisable for the strength and the naturalness with which it imposes itself on the collective imagination.

Officine Panerai's **Radiomir 1940** has the authority of a classic of modernity. Its simple, quintessential form tells the story of the years in which it was designed while maintaining its unchanging up-to-date character. Its design stands out for its functional rigour and the simplicity of its lines, free of decorative excess: features which in 1940

were related to a new way of life and a world of evolving values which in the following years would lead to the international recognition of Italian industrial design.

Created to satisfy the demanding requirements of the specialist underwater forces of the Royal Italian Navy, the **Radiomir 1940** today still has the characteristics of solidity, endurance and reliability that are the hallmarks of a timekeeping instrument designed for military use. The design of the case and dial have the same overall quality and the identical iconic power as the original, demonstrating the great versatility of a classic which is today enriched with the highest technical content of luxury contemporary watchmaking from the Officine Panerai manufacture in Neuchâtel.



## RADIOMIR 1940 3 DAYS AUTOMATIC

THE PURITY AND RIGOUR OF ITALIAN DESIGN AND A NEW SOPHISTICATED IN-HOUSE AUTOMATIC MOVEMENT WITH A DECENTRALISED ROTATING WEIGHT

The Radiomir 1940 is presented for the first time with an automatic movement, the new P.4000 calibre which is the latest creation of the Officine Panerai manufacture in Neuchâtel. The distinctive feature of the new calibre is its off-centre oscillating weight, winding in both directions. With a diameter of 13¼ lignes and just 3.95 mm thick, it has been developed to integrate perfectly with the proportions of the Radiomir 1940 case. The result is the **Radiomir 1940 3 Days Automatic**, the new Officine Panerai timepiece which is available in steel (PAM00572) or in red gold (PAM00573). It is a perfect choice for people looking for a watch that is faithful to the history of Panerai, as well as being suitable for the most elegant occasions with its classic, minimalist design.

The new P.4000 calibre is the first Panerai automatic movement with an off-centre micro-rotor. This means

that the rotor is smaller in diameter than the calibre itself: a sophisticated technical solution which enables the movement – and therefore the watch itself – to be much thinner. In the model with a steel case, the oscillating weight is made of tungsten, a shiny, high density metal, qualities which make it aesthetically appealing and ideal for applications requiring a material with a high specific weight. In the red gold model, the rotor is made of 22 carat red gold. Its elegant finish and decoration can be appreciated through the sapphire crystal porthole fitted in the back. Next to the oscillating weight is the balance wheel, which oscillates at a frequency of 4 Hz, and a large bridge concealing much of the mechanism, making the structure of the movement exceptionally stable. With two spring barrels connected in series, the P.4000 calibre has a power reserve of at least three days, and it is also fitted with the device which stops the balance wheel when

the winding crown is pulled out to set the time, useful for synchronising the watch exactly.

The new **Radiomir 1940 3 Days Automatic** models embody the characteristics and qualities which make every Panerai watch unique but at the same time immediately recognisable. The case re-presents that of some of the historic models created by Panerai in around 1940. It is 45 mm in diameter and is made of AISI 316L stainless steel, or of 5Npt red gold, an alloy which has a higher proportion of copper than usual and a small amount of platinum which helps to reduce any oxidation of the metal. The lugs are formed out of the same block as the case and they adapt perfectly to the line of the wrist, ensuring maximum comfort for wearers of the watch. The large polished bezel

surrounds a classic dial providing excellent legibility, with its minimalist design and its structure of superimposed plates sandwiching the luminous substance between them. This construction means that the hour figures and the baton markers cut in the upper plates shine with great brilliance. As has been traditional with Panerai since the 1940s, the seconds hand rotates in a small sub-dial at 9 o'clock on the dial, which is black in the steel version and brown in the red gold version.

The **Radiomir 1940 3 Days Automatic** is water-resistant to ten bar (around 100 metres) in the steel version and five bar (around 50 metres) in the red gold version, and it is supplied with an alligator strap, black or brown respectively.



RADIOMIR 1940  
3 DAYS AUTOMATIC ACCIAIO – 45mm



**PAM00572**

**MOVEMENT:** Automatic mechanical, Panerai P.4000 calibre, executed entirely by Panerai, 13¼ lignes, 3.95 mm thick, 31 jewels, Glucydur® balance, 28,800 alternations/hour. KIF Parechoc® anti-shock device. Power reserve 3 days, two barrels. 203 components. **FUNCTIONS:** Hours, minutes, small seconds. **CASE:** Diameter 45 mm, AISI 316L polished steel. Screw-down winding crown personalised OP. **BEZEL:** Polished steel. **BACK:** See-through sapphire crystal. **DIAL:** Black with luminous Arabic numerals and hour markers. Seconds at 9 o'clock. **CRYSTAL:** Sapphire, made of corundum, 1.7 mm thick. Anti-reflective coating. **WATER-RESISTANCE:** 10 bar (~ 100 metres). **STRAP:** PANERAI personalised alligator strap and polished steel buckle.

RADIOMIR 1940  
3 DAYS AUTOMATIC ORO ROSSO – 45mm



**PAM00573**

**MOVEMENT:** Automatic mechanical, Panerai P.4000 calibre, executed entirely by Panerai, 13¼ lignes, 3.95 mm thick, 31 jewels, Glucydur® balance, 28,800 alternations/hour. KIF Parechoc® anti-shock device. Power reserve 3 days, two barrels. 203 components. **FUNCTIONS:** Hours, minutes, small seconds. **CASE:** Diameter 45 mm, 18 ct. polished red gold. Screw-down winding crown personalized OP. **BEZEL:** 18 ct. polished red gold. **BACK:** See-through sapphire crystal. **DIAL:** Brown with luminous Arabic numerals and hour markers. Seconds at 9 o'clock. **CRYSTAL:** Sapphire, made of corundum, 1.4 mm thick. Anti-reflective coating. **WATER-RESISTANCE:** 5 bar (~ 50 metres). **STRAP:** PANERAI personalised alligator strap and 18 ct. polished red gold buckle.

## THE P.4000 MOVEMENT

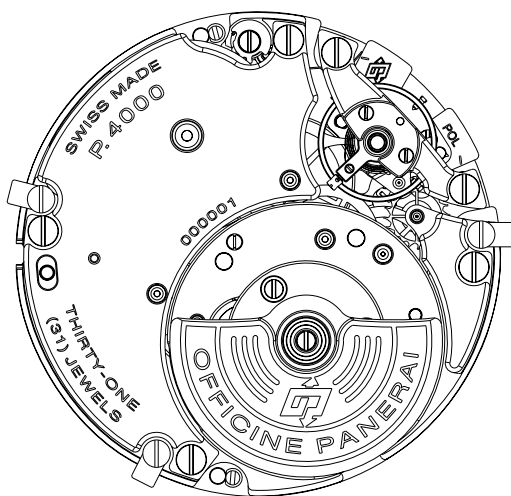
THE OFFICINE PANERAI MANUFACTURE IN NEUCHÂTEL PRESENTS ITS FIRST AUTOMATIC MOVEMENT WITH A DECENTRALISED OSCILLATING WEIGHT: ALL THE SOLIDITY OF AN OFFICINE PANERAI CALIBRE WITH A THICKNESS OF ONLY 3.95 MM

Officine Panerai presents the P.4000 calibre, the first automatic movement with an off-centre micro-rotor completely developed and made in the manufacture at Neuchâtel. This design means that the rotor is mounted off-centre and is therefore smaller in diameter than the calibre itself: a sophisticated technical solution enabling the thickness of the movement to be substantially reduced. The small oscillating weight is inserted within the movement rather than superimposed upon it and the result is a calibre which preserves all the Panerai characteristics of accuracy, reliability and solidity but with a thickness of only 3.95 mm.

With a diameter of 13¾ lignes (31 mm), the new calibre has a large bridge which is flanked by the small oscillating weight winding in both directions and the balance cock. The latter has twin supports, more secure and stronger than the customary overhanging balance cock with a single support. The supports have two screws for adjusting the vertical play of the balance staff. The balance wheel oscillates at 28,800 alternations per hour (equivalent to a

frequency of 4 Hz). It is a balance wheel with variable inertia, that is, with screws enabling the rate to be adjusted precisely without altering the relationship of the balance spring and the bridge. Fitted with 31 jewels, the movement has a power reserve of at least three days, as a result of having two spring barrels connected in series. It is also fitted with the device which stops the balance wheel when the winding crown is pulled out, for synchronising the watch exactly.

The P.4000 calibre is produced in two versions which differ in the kind of finish, the engraving and the material of the micro-rotor. The first, for models with a steel case, has bridges with a horizontally brushed finish, blue engraving and an oscillating weight of tungsten alloy, with relief decoration on the matt surface. The second version is for the models with a gold case and it has bridges with a circular brushed finish, gilded engraving and a rotor of 22 carat gold, with clous de Paris hobnail finish and polished decorations in relief on the brushed surface.



### **FUNCTIONS:**

Hours, minutes, small seconds

### **TECHNICAL SPECIFICATIONS:**

Automatic mechanical  
Off-centered rotor made of tungsten or 22 ct. red gold  
13¾ lignes in diameter  
Thickness 3.95 mm  
31 jewels  
28,800 alternations/hour  
KIF Parechoc® anti-shock device  
Power reserve 3 days  
Two spring barrels  
Stop balance wheel  
203 components



## RADIOMIR 1940 TOURBILLON GMT ORO ROSSO – 48mm

TOURBILLON REGULATOR, SECOND TIME ZONE AND A POWER RESERVE OF SIX DAYS: OFFICINE PANERAI PRESENTS AN EXCLUSIVE SPECIAL EDITION IN RED GOLD FOR ENTHUSIASTS WHO ARE LOOKING FOR A HIGH LEVEL OF TECHNICAL CONTENT COMBINED WITH THE PURE DESIGN AND HISTORIC FASCINATION OF THE RADIOMIR 1940 CASE.

Officine Panerai is the interpreter par excellence of an extraordinary union: that of Italian design and Swiss watchmaking expertise. The creativity, elegance and functionality of the Italian design find an exceptional consummation in the craftsmanship and skill of Swiss watchmaking in the Panerai manufacture at Neuchâtel, giving life to extraordinary, unique objects such as the **Radiomir 1940 Tourbillon GMT Oro Rosso – 48mm**, an exclusive Special Edition of just thirty units in red gold, destined for devotees of luxury sports watchmaking.

The Tourbillon regulator is one of the most sophisticated complications of high quality watchmaking, invented

almost two centuries ago to eliminate changes of rate in pocket watches caused by the effect of gravity. In a traditional Tourbillon the balance-escapement assembly rotates continuously on its own axis to compensate for these errors of rate. In the Panerai P.2005 calibre, on the other hand, the cage which contains the balance and escapement rotates on an axis which is perpendicular to that of the balance instead of parallel to it, and a rotation is completed in thirty seconds, that is, at twice the speed of the traditional one. Thanks to these two simple but revolutionary innovations, the Panerai Tourbillon compensates better for inaccuracies, thus ensuring that the watch runs more evenly. Its fascinating rotation can be



admired through the sapphire window set in the back and it is also indicated on the dial by a small indicator rotating within the small seconds dial.

As well as the Tourbillon regulator, the P.2005 calibre of the new Radiomir 1940 also has the GMT 24H function, which indicates the time in a second time zone by a special central hand, with am/pm indication on the auxiliary dial at three o'clock. The local time can be quickly adjusted by the system which enables the hour hand to be moved in jumps of one hour at a time, without interfering with the minute hand or the running of the watch. With three spring barrels connected in series, the power reserve of this hand-wound movement is a good six days, and the power reserve remaining is indicated on the back.

The Radiomir 1940 case with a diameter of 48 mm is made entirely of 5Npt red gold, a special alloy with a

high percentage of copper which gives the gold a warm, elegant tone, and a percentage of platinum which helps to prevent oxidation. The lugs are milled from the block of the case and the wide polished bezel frames a sapphire glass crystal which protects the brown dial with satiné soleil finish; its design is of exemplary simplicity in spite of the richness of the indications. The legibility and clarity of the dial are also enhanced by its sandwich structure: the Super-LumiNova® which makes it visible at night is applied between two discs and its luminescence emerges through holes in the upper one corresponding to the hour markers.

The **Radiomir 1940 Tourbillon GMT Oro Rosso – 48mm** (PAM00558) is water-resistant to five bar (around fifty metres). It is supplied with a brown alligator strap, closed by an adjustable red gold buckle, personalised Panerai.



RADIOMIR 1940  
TOURBILLON GMT ORO ROSSO – 48mm

*Unique edition of 30 unit*



**PAM00558**

**MOVEMENT:** hand-wound mechanical, Panerai P.2005 calibre, executed entirely by Panerai, 16¼ lignes, 9.1 mm thick, 31 jewels, Glucydur® balance, 28,800 alternations/hour. KIF Parechoc® anti-shock device. Power reserve 6 days, three barrels. 239 components. **FUNCTIONS:** Hours, minutes, small seconds, second time zone, 24h indicator, power reserve indicator on the back, tourbillon. **CASE:** Diameter 48 mm, 18 ct. polished red gold. Screw-down winding crown personalized OP. **BEZEL:** 118 ct. polished red gold. **BACK:** See-through sapphire crystal. **DIAL:** Brown, with luminous Arabic numerals and hour markers. 24h indicator at 3 o'clock, seconds and tourbillon indicator at 9 o'clock. **CRYSTAL:** Sapphire, formed of corundum, 1,5 mm thick. Anti-reflective coating. **WATER-RESISTANCE:** 5 bar (~ 50 metres). **STRAP:** PANERAI personalised alligator strap and polished 18 ct. red gold adjustable buckle.



## RADIOMIR 1940 MARINA MILITARE 3 DAYS ACCIAIO – 47mm

THE DETAILS OF A SPECIAL EDITION OF STRONG VINTAGE APPEAL RECALL THE HISTORIC LINKS BETWEEN THE ITALIAN NAVY AND OFFICINE PANERAI.

The story of the Radiomir 1940 is the story of the development of the design of Officine Panerai watches. Its essential lines recall the intermediate stage in the transformation of the cushion case of the first Panerai watches, created in 1936, to the more robust shape of the Luminor 1950. The new **Radiomir 1940 Marina Militare** presents the pure design of this case, combined with a series of historic details demonstrating the fidelity of the new model to those created for the Italian Navy.

The case is 47 mm in diameter, the standard size for watches made for the commandos of the Navy, because they had to be worn over a wet suit. It is made of AISI 316L stainless steel, an alloy particularly resistant to

corrosion that is perfect for a watch water-resistant to ten bar (around 100 meters). Engraved between the lugs, milled from the steel block of the case, are the reference of the watch (PAM00587) and the number of the case, while the inscription “Marina Militare” appears on the dial. Apart from the engraving, the design of the black dial is of absolute simplicity with only the large linear markers and the Arabic figures at the cardinal points. All the elements on the dial are perfectly visible in very poor light, thanks to the large size and the typical Panerai structure of the dial, consisting of superimposed discs with Super-LumiNova® between them, visible through the holes corresponding to the hour markers. To protect the dial, the crystal is not made of sapphire crystal but slightly cambered Plexiglas®,

as in the period examples in which the crystal was made of polymethyl acrylate. The hands too, slender and pointed, have been designed to match those of the period Panerai watches.

Visible through the sapphire crystal back of the case is the in-house P.3000 calibre, a hand-wound mechanical movement with a power reserve of three days achieved with two spring barrels. Clearly visible through the crystal back are the oscillation of the balance wheel and the wide bridges, satin finished with blue engraving, which cover

much of the wheelwork. The mechanism for adjusting the time with the winding crown is extremely practical because it enables the hour hand to be adjusted independently of the other hand, in jumps of one hour at a time so as not to interfere with the running of the minute hand.

The Radiomir 1940 Marina Militare is a Special Edition of one thousand units and it is supplied with a brown leather strap with ecru stitching and hot-stamped with the OP logo. In the fine pear wood box in which it is supplied there is a spare Plexiglas® crystal.



RADIOMIR 1940 MARINA MILITARE  
3 DAYS ACCIAIO – 47mm

*Unique edition of 1000 unit*



**PAM00587**

**MOVEMENT:** Hand-wound mechanical, Panerai P.3000 calibre, executed entirely by Panerai, 16½ lignes, 5.3 mm thick, 21 jewels, Glucydur® balance, 21,600 alternations/hour. Incabloc® anti-shock device. Power reserve 3 days, two barrels. 160 components. **FUNCTIONS:** Hours, minutes. **CASE:** Diameter 47 mm, AISI 316L polished steel. Screw-down winding crown personalised OP. **BEZEL:** Polished steel. **BACK:** See-through sapphire crystal. **DIAL:** Black with luminous Arabic numerals and hour markers. **CRYSTAL:** Plexiglas®, 3 mm thick. **WATER-RESISTANCE:** 10 bar (~ 100 metres). **STRAP:** PANERAI personalised leather strap and trapezoidal polished steel buckle. Supplied with a second Plexiglas®.