

PANERAI

SPECIAL
EDITIONS

ISTRUZIONI/INSTRUCTIONS



Rodolfo Claudius: assault vessel in action (By kind permission of the Italian Navy)

HISTORY

Since 1860, the company Guido Panerai & Figlio, suppliers to the Royal Italian Navy, has been producing instruments of high precision and technological sophistication. As a result, the name of Panerai has become indissolubly linked with the marine environment, the measurement of time and space, and the development of an elevated standard of quality and reliability, a fundamental requirement of equipment supplied to the military.

Panerai began to produce watches in 1938 with the Radiomir. This watch made history through the heroic exploits of the commandos of the Italian Navy who wore it on their wrists.

The Panerai Luminor quickly became a military legend, both on account of its reliability and the originality of its design, and also because the total of a few hundred units produced by Panerai became, together with the first Radiomirs, rarities highly sought after by collectors.

In 1993 Officine Panerai offered its watches for the first time on the international market, and the Luminor and Radiomir models rapidly became the unquestioned leaders in the high quality sports watch sector.

Executed through its own manufacture, today's ranges consist of technologically avant-garde, extremely reliable products. These are watches which share the same criteria of craftsmanship as ever and they are tested to meet ever more demanding requirements.

Panerai watches are distributed through a highly selective international network of watch specialists as well as through the Panerai boutiques. The addresses are available on our website www.panerai.com.

SPECIAL EDITIONS

PANERAI LUMINOR SUBMERSIBLE 2500M

The Panerai Luminor Submersible 2500M, executed in AISI 316L steel and titanium, is a watch of great constructional complexity. The case has been tested to 320 atmospheres, a feat requiring the optimisation of every element by the designers, increasing the thickness of the critical points of the watch and monitoring them with the greatest care. The titanium back and the winding crown are fitted with sealing gaskets designed to resist every kind of stress. The watch is a special edition offered in a production limited to 250 units.

THE CASE

The case, 47 mm in diameter, is made of titanium and milled from a single block of metal.

To support the pressures of 250 kilograms per square centimeter that are encountered at great depths, every component has been over-dimensioned and designed with particular care.

The bezel is of brushed steel, with applied figures and markers in white gold, soldered and then mirror polished. It stands out with the technically sophisticated process of its manufacture, in which the applied elements are soldered and riveted in place so as to withstand any situation in which the watch might be used. To improve the legibility of the diving times, the unidirectional rotating bezel with clicks at one-minute intervals has been constructed of two displaced sections; the inner part carrying the minutes has been subjected to chemical oxidation treatment by acids which makes the 60-minute scale absolutely indelible.

The screw back is in titanium. Engraved on it are the progressive individual identification number, the number of the edition and the maximum depth of use. The sapphire crystal, 5,9 mm thick, is made from corundum, the hardest material after diamond. It is free of impurities, completely transparent, virtually unscratchable and with anti-reflection coating, ensuring perfect visibility of the dial. The water-resistance of your watch is guaranteed to a pressure of 250 bar, which correspond to the hydrostatic pressure exerted by a column of water on 1 square centimetre at a depth of 2500 metres under normal conditions. In these circumstances your watch is therefore water-resistant to a depth of 2500 metres.

THE HELIUM VALVE

The helium valve required for decompression is located on the left side of the case. This is a device necessary in watches which are used at great depths where they are subjected to great pressure, in environments such as bathyscaphes, diving suits and submarine stations, where there is a mixture of hydrogen, oxygen and helium. The device comes into effect at a pressure of 2.2/2.5 bar and allows molecules of helium to escape from the case little by little as the pressure returns to that of the atmosphere.

In the absence of such a valve, the helium would have no way of escaping during the ascent to the surface and the internal pressure in the watch would cause it to fracture.

THE DEVICE PROTECTING THE WINDING CROWN (Protected by Trademark)

It protects the winding crown from shocks and accidental damage while also helping to preserve water-resistance by locking the winding crown in its closed position. The little sprung lever mounted on the bridge fixed to the case brings axial pressure to bear on the rubber ring of the winding crown without damaging it, thus forming a perfect seal.

THE MOVEMENT

The high quality exclusive Swiss automatic mechanical movement is the Panerai calibre OP III measuring 13¹/₄-lignes and with 21 jewels. Glucydur® balance, Nivarox® I spiral, operating frequency 28,800 vibrations /hour. Incabloc® anti-shock device.

Power reserve 42 hours, Panerai personalized decoration, Chronometer Certificate (C.O.S.C.).

Officine Panerai is not the owner of the Trademarks Glucydur® and Incabloc®.

ELEMENTARY RULES FOR DIVING WHILE ENSURING SAFETY

Diving will be a pleasure so long as the precautionary rules are correctly observed. However, some risks are inherent in this activity. All diving must be preceded by taking part in a course at an accredited diving school and obtaining a recognised diving certificate.

Also, before diving, remember all the essential instructions for diving in accordance with the internationally recognised standards and procedures, and do not forget to carry out all the safety checks.

THE STRAP

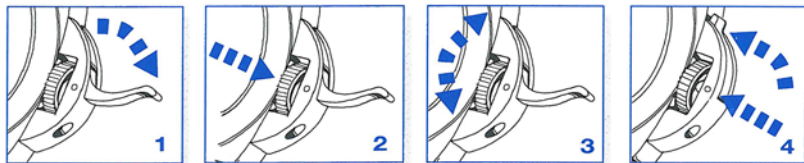
The strap is made of a very resistant, flexible rubber with moulded edges, which enables the correct tension of watch and wrist strap to be maintained during immersion.

It is equipped with a trapezoid-shaped tongue buckle of brushed steel personalized Panerai.

INSTRUCTIONS FOR USE

WINDING THE WATCH

The watch Panerai Luminor Submersible 2500M has an automatic mechanical movement. If the watch is stopped for a long time, it is recommended that it be rewound with a few turns of the winding crown in the initial position. Before turning the crown, open the lever of the protective device (**picture 1**).



CALCULATION OF DIVING TIME

Line up the luminous index of the bezel with the minute hand at the start of the dive. Having done this, the duration can be read at the end of the dive.

SETTING THE DATE

1. Open the small lever of the crown's protective device.
2. Pull out the winding crown to the second position.
3. Turn the winding crown clockwise or anti-clockwise until the hands go past the 12 o'clock position. If the date changes when this is done, 12 o'clock is 12 midnight. If it does not, it is 12 midday. To change the date quickly, pull out the winding crown to the first position and turn it clockwise. Each turn of the winding crown moves the date on one day. Do not set the date between 10.30 p.m. and 1.30 a.m.
4. Push back the crown to the initial position and close the small lever of the crown's protective device.

SETTING THE TIME

- 1 – Open the small lever of the crown's protective device.
- 2 – Pull out the winding crown to the second position and set the required time.
- 3 – Push back the crown to the initial position and close the small lever of the crown's protective device.

MAINTENANCE ADVICE

Panerai watches are made to very high standards of quality. It is worth remembering that the mechanical parts run 24 hours a day when used, so the watch must undergo regular maintenance to ensure long life and good operation.

WATER-RESISTANCE

Have your watch checked periodically for water-resistance by an Authorized Panerai Service Centre and restore it every two years with regular servicing, or whenever the watch has to be opened.

The restoration of water-resistance necessarily involves replacing the seals so as to ensure the maximum water-resistance and security.

Where the watch is used in underwater sports activities, it is recommended that it should be checked every year before the underwater activities begin.

THE MOVEMENT

Have the movement of your watch checked periodically by an Authorized Panerai Service Centre so as to preserve its perfect operation.

If the watch has a tendency to gain or lose time to a significant degree, the movement may need to be overhauled.

The movements are designed to withstand temperature variations between -10°C and +60°C (14°F and 140°F). Outside this range of temperatures, operational variations exceeding those set out in the specifications of the movement may be noticed. In addition, there is a risk that the lubricants contained in the movement may deteriorate, resulting in damage to some of its parts.

CLEANING THE EXTERIOR

To keep the exterior in perfect condition, we recommend washing your Panerai watch with soap and warm water, using a soft brush. After this operation, and also after bathing in the sea or a swimming pool, carefully rinse the watch with clean water. All Panerai watches can be polished with a soft, dry cloth.

THE STRAP

Panerai straps must be washed in warm water and left to dry. It is important not to dry them on a hot surface or exposed to direct sunlight, because the rapid evaporation of the water could damage their shape and quality. After each bathe in the sea or a swimming pool, carefully rinse the strap with clean water.

To replace the strap, it is recommended that you should go to an Authorized Retailer or a Panerai Service Centre. In this way the inconvenience caused by incorrect replacement can be avoided.

Only an Authorized Retailer or Panerai Service Centre can guarantee the use of genuine Panerai straps, properly designed to fit the dimensions of the case and manufactured according to the quality standards of the brand.

ATTENTION

Do not use the watch at a depth greater than that indicated.

The presentation case of your Panerai Luminor Submersible 2500M contains:

- Instruction booklet
- Guarantee booklet
- Guarantee certificate
- Numbered edition certificate
- C.O.S.C. certificate
- Second interchangeable strap
- Steel screwdriver to change the buckle

