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Orient Star Adds Avant-garde Skeleton Models

~Watches Combine Bold Design and Automatic Movements with a Silicon Escapement Wheel~

Orient Star has announced two new Avant-garde Skeleton models which join its Sports Collection. Combining refined aesthetics and high performance, the latest models are the flagship of the Sports Collection, equipped with Orient Star's first automatic movement with a silicon escapement wheel.


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Orient Star is committed to skeleton watches synonymous mechanical watchmaking. Alongside other Skeleton models from the Classic and Contemporary Collection, the Avant-garde Skeleton from the Sports Collection has gained popularity with its dynamic designs and bold openwork. The latest models have evolved to a new level with advanced precision processing technology on the dial and movement, making them a must-have piece for watch lovers.

The new Avant-garde Skeleton designs make full use of the inorganic texture of metal, and the precision-moulded openwork dial is the first thing that catches the eye. The complex two-layer dial layout has been skilfully calculated so that the boundary between the movement feels seamless. The upper plate with indices features a different colour and finish to the lower plate that protects the upper plate from shocks and deformation. The seconds hands are arranged so that they stand out from the upper plate, giving a sense of depth and dimension to the distinct skeleton structure. The SAR-coated sapphire crystal glass cuts light reflection by 99% and ensures that every facet of the design can be seen clearly.

The skeleton design is complemented by the caliber F8F64 automatic movement with silicon escapement wheel. The caliber F8F64 is adorned with Geneva stripes on the surface and has a partially hollowed-out base plate revealing a blue silicon escapement wheel near the small second of the 6 o'clock position. This was created using a cutting-edge high precision manufacturing technology which has been registered for Japanese and international patents*. In addition, with the introduction of the silicon escapement wheel, the caliber F8F64 has a 60-hour power reserve – a first for Orient Star's automatic movement – and offers high accuracy of +15 seconds to -5 seconds per day, for significantly improved practical performance.

The high-quality stainless steel (SUS316L) case and bezel with hexagonal screws have a delicate brushed finish that creates a strong sense of unity with the dial and movement, while the mirror finish achieved with Sallaz polishing adds an accent to the watch. The new models come in two designs: one emphasizing the solid metallic feel of the watch with a metal bracelet made of the same material as the case; and the other a fearless, sporty model that combines a black-plated case and dial with a Cordura Ballistic Nylon strap.

*Epson's proprietary technology

Rotation slip prevention shape: Japan: patent no.6915602, US : US11409244, Europe: EP3644128, China : CN111090229

Spring mechanism structure: Japan: patent no.6891622, patent no.7107405, US: US10747178, Europe: EP3396471, China: CN108803297

Bright blue colour: Japan: patent no.6908064, patent no.7207458, Europe: EP3709098



RE-BZ0001S



RE-BZ0002B

About Orient Star

Established in Japan in 1951, Orient Star originates from a desire to create a mechanical watch that would become a “shining star” in every aspect including design, components, and manufacturing. Orient Star continues to shine and innovate its technology as well as the design of its beautiful timepieces. The Skeleton models, launched in 2021 are mounted with the latest movement with silicon escape wheel for longer power reserve and beauty, incorporating design inspired by the vast universe. The brand continues the theme of “NOWHERE, NOW HERE” (meaning, it was nowhere else to be found, but it's here now). Traditional skills to achieve intricate craftsmanship, in-house production system to create high-quality mechanical movements, and original designs, are all incorporated for these unique, made-in-Japan watches. Orient Star will continue to deliver these creations in Japan and throughout the world.

A Short History

- 1951 Orient Star is created.
- 1957 Orient Star Dynamic^{*} is launched with hour, minute, and second hands on the central axis of the watch.
- 1971 The 46 series movement is created, combining both practicality and high accuracy. This formed the base movement of the Orient Star and Orient brand for 50 years.
- 1991 Mon Bijou^{*} is launched, a skeleton model of high-quality and aesthetic appeal.
- 1996 The power reserve indicator, now an iconic feature of the brand, is integrated into the design.
- 2017 Orient Watch Co. Ltd. merges with [Seiko Epson Corporation](#), a company with a strong watchmaking heritage and focus on precision engineering. Both organisations share a

vision for innovation and high-quality design and craftsmanship creating a strong foundation for the future growth of Orient Star.

2017 The Mechanical Moon Phase, a cosmic timekeeper is launched as a symbol of this new collaboration. This marks a new era of watchmaking for Orient Star brand, allowing owners to experience the three joys of owning an Orient Star timepiece: the “pleasure to wear”, the “delight to see”, and the “joy of connecting with others”.

2021 Orient Star celebrates its 70th anniversary.

*Currently not for sale.

Discover more at our [website](#) and [social media channels](#).

— Product Specifications —

Collection	Sports	
Series name	Avant-garde Skeleton	
Reference	RE-BZ0001S	RE-BZ0002B
Movement	Automatic (with hand winding) mechanical in-house calibre F8F64 made in Japan	
Power reserve	60 hours	
Accuracy	+ 15 seconds ~ - 5 seconds per day	
Case material (colour)	Stainless steel (SUS316L)	Stainless steel (SUS316L), (black plated)
Case size	Height 50.0 mm / width 42.3 mm / thickness 12.4 mm	
Glass	Front: Sapphire crystal (SAR (super anti-reflective) coating), back: sapphire crystal	
Bracelet	Stainless steel (SUS316L) / trifold deployant buckle with push button / width 21 mm	Cordura ballistic nylon (black) / trifold deployant buckle with push button / width 21 mm
Colour of dial	Silver	Black
Other features	Water resistance to 10 bar (100 m), power reserve indicator, second hand hacking, 24 jewels, Luminous Light, see-through exhibition case back	

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