

GP
GIRARD-PERREGAUX
HAUTE HORLOGERIE SUISSE DEPUIS 1791

BRIDGES COSMOS

This is the Haute Horlogerie masterpiece presented by Girard-Perregaux in 2019.

**A new dialogue between earth and sky, between matter and space,
between the visible and the invisible.
Two complete globes – celestial and terrestrial –
serve to mirror a fusal moment that we experience the Cosmos.**

Revealing an unknown world, in turn, the signs of the zodiac pass through this miniature firmament, as the earth rotates daily. Like the sky, the watch has two faces: day and night.

**Loyal to the refinement characterising the aesthete of the invisible,
Cosmos reveals finishes of a previously unknown beauty.**

Inside, setting Cosmos into orbit, beats brand-new Manufacture Calibre GP09320-1098. In the absence of a crown, the time and various indications are manually adjusted on the back of this stellar creation.

Within the galaxy of new Girard-Perregaux launches, Cosmos vibrates on a separate wavelength. Stemming from the Bridges collection, the piece highlighted by the brand in 2019 is anything but nebulous. It reveals the hidden portions of the night sky and glows with a black light. The centrepiece of the "Earth to Sky" theme, this watch with tourbillon, sky chart and world time complications is composed of mechanical particles and poetic paradoxes.

Order and beauty

The ancient Greeks believed that aesthetic rules governed the universe which they avidly observed. The symmetrical arrangement of the Cosmos double globe is an emanation of this quest for order and beauty. Along its horizontal and vertical axes, its complications are reflected in an arrangement set at all four cardinal points.

Offset hours and minutes appear at 12 o'clock, while a tourbillon spins beneath a large black titanium bridge at 6 o'clock. At 3 o'clock, a terrestrial globe serves as a day/night indicator, while a sky chart takes its place at 9 o'clock. The entire scene is staged against a tinted sapphire crystal glass. Invisible in broad daylight, and dotted with luminescent hydroceramic particles, it offers a time-lapse view of the sky by night.

Earth To Sky

13.8 billion years after the expansion of the universe, Girard-Perregaux raises its eyes towards infinity: its light, its shadow and its mysteries. In a new approach, the brand begins a dialogue between earth and sky, between matter and space. It explores the boundaries of its expertise, unveils the invisible and reveals what was hidden. Its science of watch finishing and materials is exposed in a new light. It draws on the light of blackness. Science and art, photons and matter, Girard-Perregaux's search for beauty is entering an astrophysical and metaphorical dimension.

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A celestial map customizable according to the owner's wishes

At 9 o'clock, the sky chart endows Cosmos with its sidereal dimension. Laser-engraved on a blue-tinted titanium globe, it rotates every 23 hours, 58 minutes and 4 seconds, the exact duration of a sidereal day. This sphere focuses on the best-known, most visible stellar formations, those of the zodiac.

Dozens of stars are connected to it, thus tracing the twelve constellations known for more than 2,500 years. They are enhanced with luminescent hydroceramic, thus enabling the Cosmos to fulfil its astronomical vocation even on the darkest nights. Their depiction is one of the paradoxes of astronomy, and of the Cosmos watch, since the constellation to which the Earth belongs is the only one that is not visible, because it is hidden by the blinding sun. Finally, the celestial globe displays the constellation of the zodiac that is invisible at noon on the dial side and the one that is visible at midnight on the caseback side.

A scale model of the Earth

At 3 o'clock, a complete globe gives two indications. It allows you to know if the local time zone is in daylight or plunged in darkness. And a 24-hour scale near its equator provides a GMT reading. This second time-zone reading time zone is done via the most sophisticated hand imaginable: a scale model of the earth. Also made of titanium and laser-engraved, this world map features hollow oceans and raised continents. Although it is viewed from the sky, they represent the earthly dimension of Cosmos.

Telluric physics

The Cosmos case with its 48 mm diameter is a world in itself. Carved from beadblasted titanium, it delimits its universe. Its sapphire crystal is a glassbox, a curved chimney-type glass acting like an astronomical telescope. Beneath this non-deforming lens beats a brand-new movement that has emerged from the interstellar void to put Cosmos into orbit: manual-winding Calibre GP09320.

Its rate is regulated by a tourbillon similar to that of the Néo family. The tourbillon bridge is made of black PVD-treated titanium, arched over the void. Its sandblasted surface highlights the aesthetic work done on the carriage, a true revelation of unknown beauties that accentuate the Maison's tradition of refinement

The Cosmos case-middle is smooth and crown-free. In its place are four tiny adjustment keys, all located on the back of the case, and which sit flat on the wrist without any unpleasant protuberance. The sapphire crystal and titanium caseback is pierced with four rods respectively dedicated to winding, time-setting, adjustment of the heavenly globe and that of the terrestrial globe.

A nocturnal light show

The cosmos is the universe as observed from the earth. Cosmos offers a double viewpoint: that of the sky visible from the surface of the globe and that of the globe visible from the surface of its atmosphere. This duality is reflected in the luminous personality of Cosmos. Its nocturnal face differs from its diurnal appearance. Brimming with both meaning and stars, this night-time view shines in the dark, making it hard to imagine the cosmic mechanics underlying this nocturnal scene.

Press release
SIHH 2019

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About Girard-Perregaux

Girard-Perregaux is a Swiss high-end watch manufacturer tracing its origins back to 1791. The history of the brand is marked by legendary watches that combine sharp design with innovative technology.

Aesthete of the invisible, in 2019 the Maison is exploring the Cosmos, the essence of time, by introducing a new universe of innovative materials and unexpected complications within the fundamental collections, united by a single theme: "Earth to Sky".

Girard-Perregaux is part of the Kering Group, a world leader in apparel and accessories, which develops an ensemble of powerful Luxury and Sport & Lifestyle brands.

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Technical details

Cosmos

Reference : 99292-21-651-BA6F

Case

Material: beadblasted titanium

Diameter: 48 mm

Height: 12.15 mm

Glass: glareproofed 'glassbox' type sapphire crystal

Dial: metallized sapphire, engraved and enhanced with luminescent hydroceramic

Hands: 'Dauphine' type, with Super-LumiNova™

Water resistance: 30 metres (3 ATM)

Movement

Reference: GP09320-1098

Winding: manual

Functions: tourbillon, hours, minutes, second time zone with day/night indicator, constellations indicator

Power reserve: 60 hours

Number of components: 362 including 52 jewels

Frequency: 21,600 vph (3 Hz)

Diameter: 37.85 mm (16 $\frac{3}{4}$ lignes)

Thickness: 9.10 mm (13.10 mm with domes)

Strap

Material: hand-sewn blue alligator leather

Buckle: titanium triple folding clasp