

ARMIN STROM PRESENTS ENTIRELY NEW DUAL TIME GMT RESONANCE TIMEPIECE

Armin Strom celebrates the 15th anniversary of our fully-integrated Manufacture by reimagining our most historically-important innovation in a slim 39mm white gold case. The Dual Time Resonance GMT showcases our uniquely resilient approach to harnessing the Resonance phenomenon as well as our longstanding commitment to extraordinary hand-finishing; culminating in a dial-side kinetic spectacle that's unlike anything else in contemporary watchmaking.

Functionally, the Dual Time Resonance GMT displays two independent time zones, with indications of hours and minutes for each; while also supporting time zones that deviate from GMT by fractions of an hour. Day/Night indicators provide relevant AM/PM context for each time zone. The Dual Time Resonance GMT First Edition includes two compelling strap options and like all Armin Strom First Editions, it includes a 10-year extended warranty. Limited to 25 pieces.



TWO DIAL-SIDE KINETIC ELEMENTS UNITE TO FORM A MESMERIZING SPECTACLE

The kinetic spectacle of Resonance is on full display on the dial side of the timepiece. The synchronized motion of two balance wheels operating in a state of Resonance, combined with the hypnotic pulsation of the clutch spring 'breathing' as it transmits vibrations between them, offers their owner a mesmerizing spectacle that brings a sense of wonder to the everyday.

TWO FULLY INDEPENDENT TIME ZONES

Another valued aspect of the timepiece is its ability to set the two time zones entirely independently. Most dual time zone movements only permit independent adjustment of the hours, with only a few allowing half-hour settings. However, Armin Strom's Dual Time GMT Resonance lets users set both the hours and minutes to any desired time on each of two identical dials.



TWO MOVEMENTS IN ONE NEW CALIBER



The Dual Time GMT Resonance First Edition is powered by the new Armin Strom manufacture caliber ARF22, a manually-wound Resonance movement and the 18th caliber designed and produced in-house under the direction of Claude Greisler, our co-founder and master watchmaker.

Two independent, symmetrically mirrored oscillators operate in anti-phase to become synchronized mirror images of each other via the natural phenomenon of Resonance. The caliber features two mainspring barrels providing a power reserve of 42 hours, all wound by a single crown at 4 o'clock. Two separate gear trains drive the independent time displays. The day/night indicators are mounted on 24-hour wheels directly on the movement. Two crowns positioned on either side of the case allow for the independent setting of each dial.

TWO SYMMETRIC DAY/NIGHT INDICATORS

Dual engraved and mirror-polished day/night indicators depict the sun and moon to indicate AM/PM for each of the time dials.



TWO SYMMETRIC CROWNS

Two crowns, positioned on either side of the case at 4 and 8 o'clock, allow each dial to be independently set.



TWO STRAPS

Secured by an 18-karat white gold pin buckle, the Dual Time GMT Resonance First Edition comes with two straps: A matte gray alligator strap with sky-blue stitching and a light gray alligator strap with pearl-gray stitching.



HOW IS ARMIN STROM'S APPROACH TO RESONANCE DIFFERENT FROM OTHERS?



Armin Strom's approach to Resonance is fundamentally different from other Resonance timepieces in several key ways. Armin Strom Resonance timepieces utilize a patented, built-for-purpose suspension system known as a "clutch spring", inspired by Antide Janvier's Resonance Clock, to act as a vibrational intermediary between the balance wheels. This is in contrast to others who rely on legacy parts of the movement, such as a main-plate, to transmit vibrations. By virtue of its resiliency against disruption, Armin Strom's innovative approach can leverage Resonance to proactively prevent oscillation-rate deviations caused by external factors such as wrist motion, gravity and temperature changes rather than merely remediating

oscillation-rate errors after-the-fact (when affected balance wheels would otherwise eventually drift back into a state of Resonance). For these reasons, alternative approaches cannot offer the same resilience, predictable chronometric benefits and chronometric consistency as does an Armin Strom Resonance timepiece. This differentiated approach very effectively ensures that the twin balance wheels of an Armin Strom Resonance timepiece will remain synchronized in all positions with resilience against disruption, thereby providing unparalleled chronometric consistency and precision.

DUAL TIME GMT RESONANCE

FIRST EDITION WG23-DT.FE

TECHNICAL SPECIFICATIONS

Distinctions

Two independent regulation systems connected by a resonance clutch spring. Two independent time displays indicating hour, minutes and day/night.

Case

18-karat white gold
Sapphire crystal and caseback with anti-reflective treatment
Diameter: 39.00 mm
Height: 9.05 mm
Water resistance: 5 ATM / 50 m
Lug-to-Lug: 44.50 mm

Dial

Sky-blue grenage dials with black azurage chapter rings and applied polished baton indexes, rhodium-plated day/night discs

Hands

Rhodium, faceted and polished

Strap/Buckle

Delivered with two straps: a matte-gray alligator strap with sky-blue stitching and a light-gray alligator strap with pearl-gray stitching – with 18-karat pin buckle

Width lugs/buckle: 18/16 mm

Limited Edition: 25 pieces



ARMIN STROM

SWISS WATCH MANUFACTURE

CALIBER ARF22

TECHNICAL SPECIFICATIONS

Functions

Double Hour, double minute, double day/night

Impulse

Two independent barrels

Winding mechanism

Manual-winding

Regulating system

Two independent regulation systems that stabilize each other connected by a resonance clutch spring

Frequency

3.5 Hz (25,200 vph)

Number of jewels

40

Number of individual parts

231

Diameter

34,15 mm

Height

4,92 mm

Power reserve

42 hours

