

MANUFACTURE
CONTEMPORAINE
DU TEMPS

NEW FRONTIERS
IN THE ART OF TIME



RD47 S210 TI 01

INNOVATIVE, CREATIVE, AVANT-GARDE... THE BIRTH OF A WATCH BRAND

Composition is nothing but the most logical arrangement of the vital forces contained in its elements in the form of tensions

Vasily Kandinsky

The story of Manufacture Contemporaine du Temps (MCT) began in 2007 with a pioneering idea for the creation of a new kind of mechanical watches, as yet unseen. It was a time of intense research into the possible applications of new technologies and materials in the watch business, and a number of the most prominent brands, many of them a century or more old, could hardly keep up with this flood of new ideas. This was a rich field for the development of venture projects, in which engineers, inventors, and watch-makers with idiosyncratic vision were the prime movers. Denis Giguet, who founded Manufacture Contemporaine du Temps in 2008, began his career at well-known Swiss watch brands. That experience developing complicated mechanical watches served him well when he was ready to embody his idea of a singular time indication system in a groundbreaking design. Today, the Sequential One is seen not just as an ingenious illustration of creative movement development, but also as the proclamation of the new watch company's strategy, expressed in the synthesis of innovative technology, avant-garde design, and traditional watchmaking values.

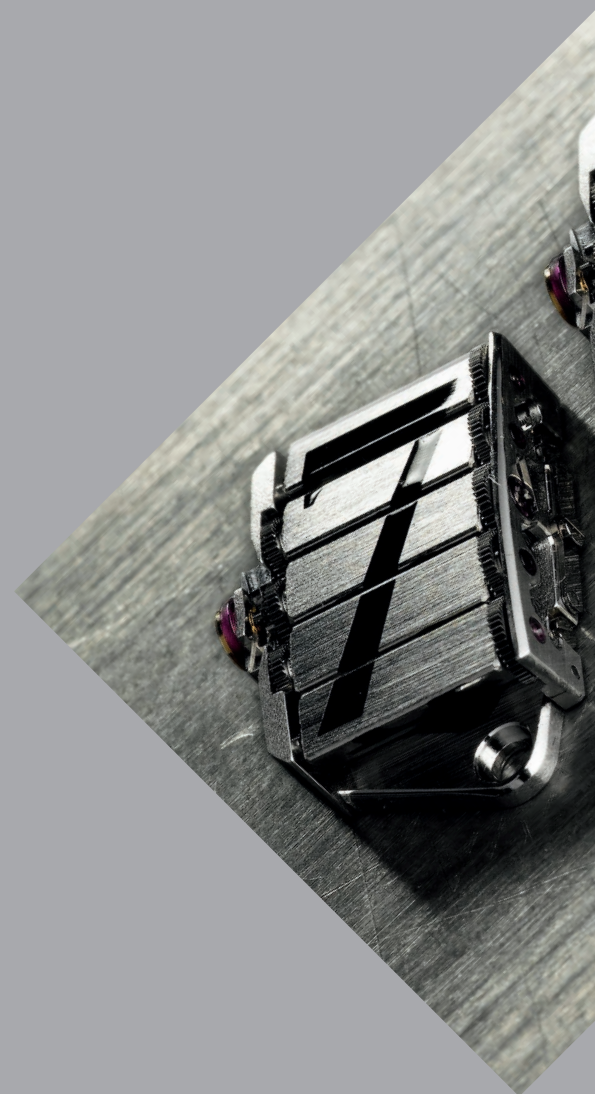
The emotional dimension of the model seemed to emerge independently. An illusion, of course. It arose through the expert work of an integrated team of designers, engineers, and watchmakers. Every detail was relevant – the unique function of the movement determined its structure,

Text: **Alexey Kutkovoy**
Revolution Russia

which forced the designers to invent a new, 3-dimensional type of dial, as well as an innovative case with a sapphire insert down the middle letting in additional light and bordered above and below by two curved sapphire surfaces, so the case is significantly thinner at the edges than at the center. Like anything well-made, MCT watches have a singular character making them impossible to compare to any other timepiece; they are in a class of their own.

The obvious potential of the Sequential One was behind the dynamic development of the brand. In the seven years since the company was founded, MCT has released four lines based on three internally designed and produced calibers. Each new model is true to the DNA of the brand introduced in the Sequential One and present in every subsequent MCT creation.

MCT is one of the few young companies focused on vertical integration. All components essential to the brand's development are produced in-house. MCT is gradually transforming into a group that includes the recently acquired atelier for complicated movements, STM, now the production base for in-house MCT movements, and Digitale SA, a research facility specializing in the design, testing, and assembly of very complicated movements.





SQ 45 S100 PG 01



RD 45 S200 AB 01



SQ 45 S110 T1 01



SQ42 F110 AB01

SEQUENTIAL ONE S100

GENESIS



The great square has no corners.

The great vessel takes long to complete;

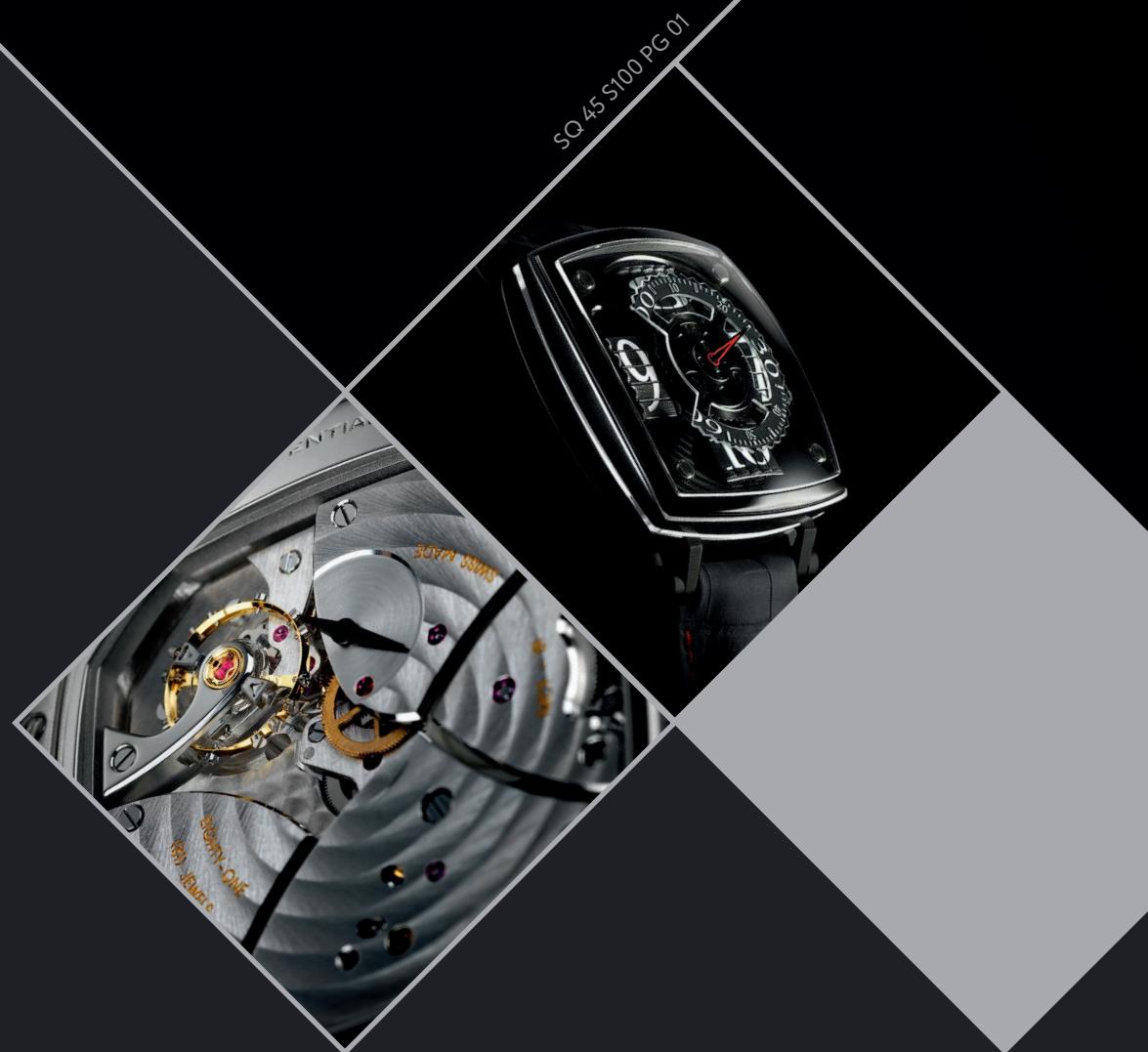
The great note is rarefied in sound;

The great image has no shape.

Lao Tzu

MCT's first watch incorporated a surprising abundance of ideas. The first of these to catch the eye is what lies on the surface – the signature time indication with the hour shown on revolving prisms and a central hand marking the passing of minutes on an arc-shaped minute track. Few timepieces in the history of watchmaking can boast designs distinguished by this level of complexity, and at the same time, legibility and intuitiveness. The MCT-S1.0 caliber powering the Sequential One is not simply complicated, but extremely complicated – it is composed of 471 parts. (For comparison: a top-shelf minute repeater movement, the generally accepted standard for complexity in the watchmaking business, will have that number of components only when combined with another complication such as a tourbillon, chronograph, or big date.)

The most intriguing mechanical aspect of the Sequential One is the operation of the signature time display combining instantaneous and sequential indicators. At the end of every hour, the 270-degree minute track makes a counterclockwise 90-degree turn, revealing the module of the current hour and covering the remaining three, and stays in that position for the next hour. The hour indicator “wakes up” a second time at approximately the 30-minute mark, when the unusually large (in comparison with the average watch movement) prism module – the one hidden under the minute track and located opposite the currently displayed hour module – begins to switch to the number that will be uncovered in an hour and a half (for example, at 6:30, the hour module opposite 6 will switch from “4” to “8”).





FUNCTION

Sequential indication of the hour, minute indication on a jumping rotating sector.

MOVEMENT

In-house hand-winding MCT-S1.0 caliber. Composed of 471 pieces, including 81 rubies; each hour prism module is assembled from 50 parts. Power reserve of 40 hours.

DIAL

Hours are indicated by four modules, each composed of five triangular prisms. Minutes are indicated with a hand on a rotating 270° sector made of sapphire.

CASE AND STRAP

Case crafted from 18 carat white gold, 45 × 45 mm, height 15.5 mm in the center, composed of 43 parts. Water-resistant to 30 m. Alligator strap with a folding clasp.

SQ 45 S100 WG 01

SEQUENTIAL ONE S110

THE URBAN AESTHETIC

Architecture distributes masses and volumes.

Passion can create drama out of inert stone

Le Corbusier

The signature Sequential One time display makes MCT watches unique, setting them apart from all other timepieces. The four prism hour indicators create a 3-dimensional, multi-tiered dial: the main layer is the plate of the movement, containing the four prism hour modules and a cross-shaped bridge, over which the sector minute disc is positioned, with the minute hand revolving above the entire structure. The cross layout of the dial, first introduced in the Sequential One, has been given pride of place in the Sequential One S110. In this watch, the shape of the bridge is reflected in the arms of the revolving minute track. The 3-dimensional appearance of the dial is further enhanced by parallel grooves running down the visible surfaces of the base movement and time indication bridges, just a fraction of a millimeter away from the bevels, and carefully tracing the screws, jewels, and axes.

The minute track is more legible, the typeface of the hour and minute numerals has been adapted to the dynamic appearance of the S110, and the time indication mechanism and the lugs have been fitted with hexagonal screws. Unlike the Sequential One S100, mainly available in gold, the S110 case is crafted from grade 5 titanium. This emphasizes the urban character of these watches, especially the all-black models in blackened titanium (DLC coating). All these design modifications successfully complement the style of the brand set by the first models.



FUNCTION

Sequential indication of the hour, minute indication on a jumping rotating sector.

MOVEMENT

In-house hand-winding MCT-S1.0. Composed of 471 pieces, including 81 rubies; each hour prism module is assembled from 50 parts. Power reserve of 40 hours.

DIAL

Hours are indicated by four modules, each composed of five triangular prisms. Minutes are indicated with a hand on a rotating 270° sector assembled from three components.

CASE AND STRAP

Case crafted from grade 5 titanium with black DLC coating, 45 × 45 mm, height 15.5 mm in the center, composed of 43 parts. Water-resistant to 30 m. Alligator strap with a folding clasp.



SQ45 S110 AB 01

SEQUENTIAL ONE S110 EVO

DEVELOPMENT OF THE ARCHETYPE

Perfection lies in the details. Small details create perfection, but perfection is not a small detail

Michelangelo

The S110 EVO is the third generation of the Sequential One. The second generation, the S110, served as the model for its overall design and that of its movement, although the latter has been somewhat modified. The results of this adjustment reveal the strong design relationship between different pieces in the MCT collection. For example, the skeletonized V-shaped barrel bridge of the Sequential Two, also used in the Frequential One movement (which has two of those bridges), now appears in the MCT-S1 caliber of the S110 EVO. Under the skeletonized bridge, the barrel is now almost completely visible bearing the name of the manufacturer in relief. The same design was used in the Sequential Two and the Frequential One. The small second hand present in the previous caliber has been removed, the number of jewels increased from 81 to 83. The anchor escapement, initially equipped with two hairsprings, has been modified to accommodate a traditional hairspring with a Breguet terminal curve.

Following the evolution of the S100 to the S110, the EVO's modified movement has a more severe, technical look than its predecessors, but its finish reflects traditional watchmaking values – the bridges are decorated with vertical Geneva stripes (a circular pattern was used in the first version), the bevels are polished, and there is a classic balance with adjustment screws. The two Sequential One S110 EVO models, with cases made of either black DLC-coated titanium or grade 5 titanium and a matte-finish dial (in black or champagne) were released in limited editions of 25 each.





SQ45-S110 TI 03

FUNCTION

Sequential indication of the hour, minute indication on a jumping rotating sector.

MOVEMENT

In-house hand-winding MCT-S1 caliber. Composed of 471 pieces, including 83 rubies; each hour prism module is assembled from 50 parts. Power reserve of 40 hours.

DIAL

Hours are indicated by four modules, each consisting of five triangular prisms. Minutes are indicated with a hand on a rotating 270° sector assembled from three components.

CASE AND STRAP

Case crafted from grade 5 titanium, 45 x 45 mm, height 15.5 mm in the center, composed of 41 parts. Water-resistant to 30 m. Alligator strap with a folding clasp.

SEQUENTIAL TWO S200

PRACTICAL AND AVANT-GARDE

But, said Alice, if the world has absolutely no sense, who's stopping us from inventing one?

Lewis Carroll

The Sequential Two is the first automatic and the first round watch in the MCT collection. A new movement with a micro-rotor was developed for this timepiece. The self-winding movement contributes to the practical character of this watch. The round shape is associated with the traditional branch of the watchmaking business. The complicated time indication module was also adapted for greater ease of use: the minute hand makes one full rotation in 60 minutes, tracing time on a classical circular track, instead of a 270° arc.

Even though the shape of the case has changed, the designers were careful to maintain the instantly recognizable avant-garde style of the brand. The four prism elements of the hour indication are now combined with a cross-shaped bridge. The latter has become the second signature element of the MCT collection. The appearance of the movement may be a strong reflection of the brand DNA established in the first MCT watches, but the Sequential Two movement also contains a number of innovative solutions, which were instrumental in laying the groundwork for the development of the movement line as a whole. Primarily, these are the skeletonized V-shaped barrel bridge, which would later be used in the Frequential One and the Sequential One S110 EVO, and the skeletonized balance bridge. In addition to the main Sequential Two models with white and rose gold cases, MCT released three imposing models in polished white gold with black DLC coating, black dials, and brightly colored hour and minute numerals: the Orange, Blue, and Lemon Green, with corresponding shades for the time indication. Only 3 of each of these models were released.



FUNCTION

Sequential hour indication,
central minute hand.

MOVEMENT

In-house automatic MCT-S2
caliber with a micro-rotor
made of 18 carat gold.
Composed of 507 pieces,
including 85 rubies; each hour
prism module is assembled
from 50 parts. Power reserve
of 40 hours.

DIAL

Hours are indicated by four
modules, each composed of
five triangular prisms. Central
minute hand.

CASE AND STRAP

Case crafted from 18 carat
white gold with black DLC
coating. 44.6 mm diameter,
14.5 mm height, composed
of 43 parts. Water-resistant
to 30 m. Alligator strap with
an 18 carat gold and titanium
folding clasp.

LIMITED EDITION

3 pieces.



RD45 S200 AB 03

SEQUENTIAL TWO S210

EXTRAORDINARY

BY LOGIC

An idea is a point of departure and no more.

As soon as you elaborate it, it becomes
transformed by thought

Pablo Picasso

The initial design of the Sequential One, which immediately won MCT a special place in the hearts of those who appreciate modern high-end mechanical watches, has too much charm not to be taken seriously. The innovative time indication system employing rotating hour prisms strikes the observer as remarkably logical and sound. The development of the collection has, accordingly, shown the same degree of consistency.

The Sequential Two S210 is a natural addition to the model lineup, nicely fitting into a previously unoccupied niche. But this is not the whole story. The Sequential Two S210 is an intellectual watch created for the modern urban jungle. Its exterior is both an attempt to mimic the thicket of concrete, glass, and metal structures and a subversive strike against traditional flat designs. A watch like that simply has to be made of titanium, and it is. The round case in grade 5 titanium with a diameter of 46.4 mm (an increase from the Sequential Two S200's dimensions) underscores the uncompromising urban appeal of the dial. The profile of the signature cross-shaped bridge has been recalculated to follow the curves of the sapphire dome mounted directly onto the caseband without a bezel. The three-dimensional layout of the dial, accented by the use of various shades of gray, projects power and thrust, which is perfectly in line with the dynamic nature of the proprietary time indication. The model is available in two versions – Champagne, with a lighter finish for the movement and the dial parts, and Anthracite, an overall darker option.

The MCT-S2.0 automatic caliber developed by the company's engineers and watchmakers boasts a micro-rotor in 18 carat rose gold, which is effective enough to keep the mainspring wound if the watch is worn on a daily basis.





RD47 S210 DG-01

FUNCTION

Sequential hour indication,
central minute hand.
Movement

In-house automatic MCT-S2.0
caliber with a micro-rotor
made of 18 carat gold.

Composed of 654 pieces,
including 89 rubies, each hour
prism module is assembled
from 56 parts. Power reserve
of 40 hours.

DIAL

Hours are indicated by four
modules, each composed of
five triangular prisms. Central
minute hand.

CASE AND STRAP

Case crafted from grade
5 titanium (Champagne finish
with a blue minute hand)
or from grade 5 titanium
with dark gray DLC coating
(Anthraxite finish with a gray
minute hand). Water-resistant
diameter: 46.4 mm
to 30 m. Alligator strap with
a titanium folding clasp.

LIMITED EDITION

25 pieces with a silver-gray
dial and a blue minute hand
(Champagne) and 25 pieces
with a dark gray dial and a gray
minute hand (Anthraxite).

FREQUENTIAL ONE F110

A BALANCE-CENTRIC SYSTEM

I always saw what others could not see; and what others saw, I could not

Salvador Dali

The Frequential One introduces a completely new design direction to the MCT collection, with its balance in the center of the dial and traditional hour and minute hands. This is the first MCT watch without the brand's signature prism indicators, but the legacy of previous models is clear, primarily in the instantly recognizable cross-shaped dial with skeletonized bridges, which is what makes this model so attractive.

The balance wheel is unusually large for a wristwatch – 8.8 mm in diameter – and set in the exact center of the Frequential One dial, seeming to hover above it. The deceptively simple appearance of the design obscures the enormous effort expended by the engineers, designers, and watchmakers who had to “guide” the gear train from the back of the movement to the dial, in the center of which is placed the regulator, surrounded by a circular mechanism driving the hour and minute hands. Every part in the movement is perfection itself, marking Frequential One to even the most casual observer as an integral part of the MCT collection.

The MCT-F1.0 caliber of the Frequential One preserves the essential design principle that is the foundation for the development of the entire MCT collection: the unique combination of an avant-garde movement with an air of traditional watchmaking. This adherence to tradition is reflected in the decoration of the movement, which combines such traditional elements as polished bevels on the plate and bridges, Geneva stripes, carefully polished pivots and screw heads, as well as structural elements that can only be found in high-end movements such as barrel arbor jewels placed in polished chatons.



FUNCTION
Central hour and minute hands, power reserve indicator.

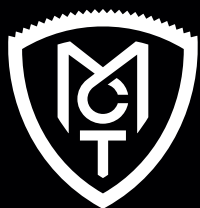
MOVEMENT
In-house hand-winding MCT-F1.0 caliber. Composed of 279 pieces, including 33 rubies. Traditional central balance with adjustment screws, hairspring with a Breguet terminal curve, "mysteriously" driven hour and minute hands, double barrel. Power reserve of 72 hours.

DIAL
Black dial plate adorned with Geneva stripes, minute track composed of 4 black appliques.

CASE AND STRAP
Case crafted from grade 5 titanium with dark-grey DLC coating 42 × 42 mm, height 14 mm, composed of 45 parts. Water-resistant to 30 m. Alligator strap with a titanium folding clasp.



SQ42 F110 AB 01



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