



**RESSENCE**  
BEYOND HANDS

**TYPE 2**  
USER MANUAL

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## IMPROVED MECHANICAL WATCHES

RESSENCE'S pursuit to improve the mechanical watch is uniquely its own and the TYPE 2 is a perfect example of the brand's determination to build products that question what a wrist watch can be in the 21st century. The emphasis is to create a better product as a whole - considering such characteristics as legibility, wearability, convenience, intuitiveness, and trust.



## DESIGNED IN BELGIUM

MADE IN SWITZERLAND

RESSENCE takes a distinctive approach to the craft of contemporary Fine Watchmaking, combining Swiss-made calibres with unmatched self-engineered innovation. Although strikingly innovative, the technologies implemented are relegated behind the scenes. Ressence designs and engineers their watches in Antwerp, Belgium. To meet the highest quality standards, your watch is produced and assembled in Fleurier, Switzerland.



## UNMISTAKABLY RESSENCE

At the origin of every watch lays the similar questions: How can we improve its functionality? How can we intensify its user experience? Ressence's "less is more" philosophy produces timeless watches while always adding a playful and magical experience to them. They all share the same inimitable DNA. The main disc, as well as the auxiliary discs, revolve continuously, behaving like moons around a planet. This means that the face of your watch changes perpetually - which is the essence of Time.



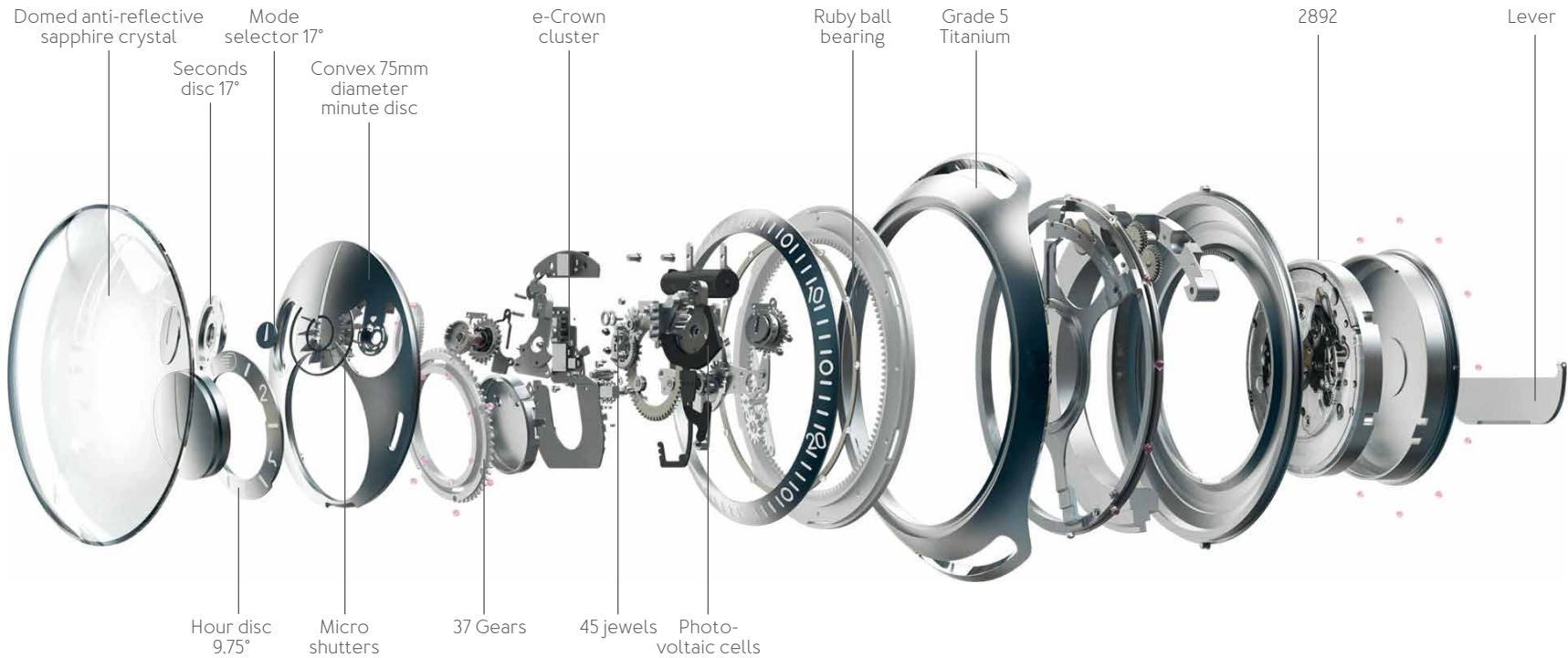
## INNOVATIONS

### CO-PLANAR DISCS TO INDICATE THE TIME

It was in 2010 on the ZERO SERIES prototypes that we unveiled for the first time the patented invention on which rests our new expression of Time: ROCS which stands for Ressence Orbital Convex System. Fully designed and developed in-house, this unique horological complication module is composed of co-planar discs and rings of different sizes, curved to match the bend of the glass that covers them. Recto, the discs create a flush dial. Verso, they serve as platina and bridges to the module with a large number of components - from 107 components for the TYPE 1 (ROCS 1) up to 215 components for the TYPE 3 (ROCS 3) which drives a six-fold display complication.

Each of the time indications of the RESSENCE watches is generated by the ROCS from a single piece of information provided by the automatic base movement: the minute. With the ROCS, time-information is displayed on a single surface, both eyes see a same image (like words on a sheet of paper), while on a traditional watch, where the hands and dial are superposed, the projected image is different for each of the two eyes because of its 3D nature. The choice to focus on the minute disc is also dictated by a concern for legibility. In most cases, this is the information you first look for when checking your watch. Every minute that passes, you observe a different dial.





**ROCS 2**

IN-HOUSE HOROLOGICAL COMPLICATION DRIVEN BY THE MINUTE AXLE OF A CUSTOMISED 2892 BASE CALIBRE.

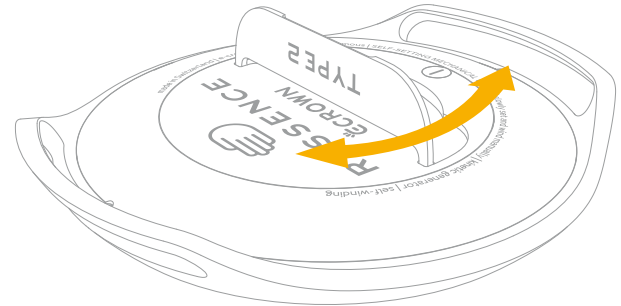


## INNOVATIONS

### LEVER SYSTEM

In the pursuit of improved ergonomics, the organic design of the RESSENCE watches becomes imperative in obtaining a completely sleek surface. The case is less present and the crown has disappeared from the scene. Right and left-handers are now equally well-served.

On TYPE 2 the crown is replaced by an alternative of ingenious simplicity, namely, the folding lever on the caseback, which assumes the functions of manual winding and time setting. Behind the easy setting / winding mechanism system also lies the logical principle that the watch only needs to be set when it has stopped. Simply setting the watch winds it at the same time.



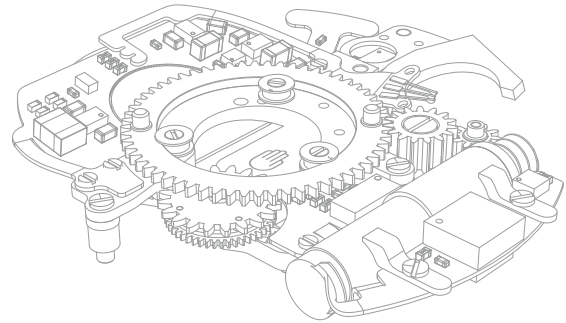


## INNOVATIONS

### E-CROWN

TYPE 2 main characteristic is the multiple time zone automated setting & adjusting thanks to the Ressence self-engineered electronic technology: the e-Crown®. e-Crown® is an electronic crown that automatically sets (e.g., while travelling or after not wearing the watch) and adjusts (if needed) the mechanical watch to the correct time. e-Crown® is activated and controlled by tapping the crystal on the dial of the TYPE 2, offering a new tactile experience and user-friendliness to mechanical watches. Visually, it is represented on the dial by the selector sub disc and its four modes; time zone 1 in yellow, time zone 2 in green, Bluetooth in blue and e-Crown® off in white. e-Crown® is light powered via two solar cells. One always

available under the hour disc, the second hidden around the e-Crown® disc. You have two options to pre-set the multiple time zones of the watch. Either via the lever on the case back, or very conveniently via an app using Bluetooth connection. Whatever the way you pre-set the time zones, they are registered in the internal memory of the watch. e-Crown® doesn't rely on radio or gps signals. You can leave your TYPE 2 up to 3 months in your safe, then simply put it back on your wrist. Type 2 will set it-self automatically to your last pre-set time zone and release the barrel of the movement. Driven by user experience, e-Crown® combines the convenience and trust of electronics with the emotion and resilience of mechanical engineering.





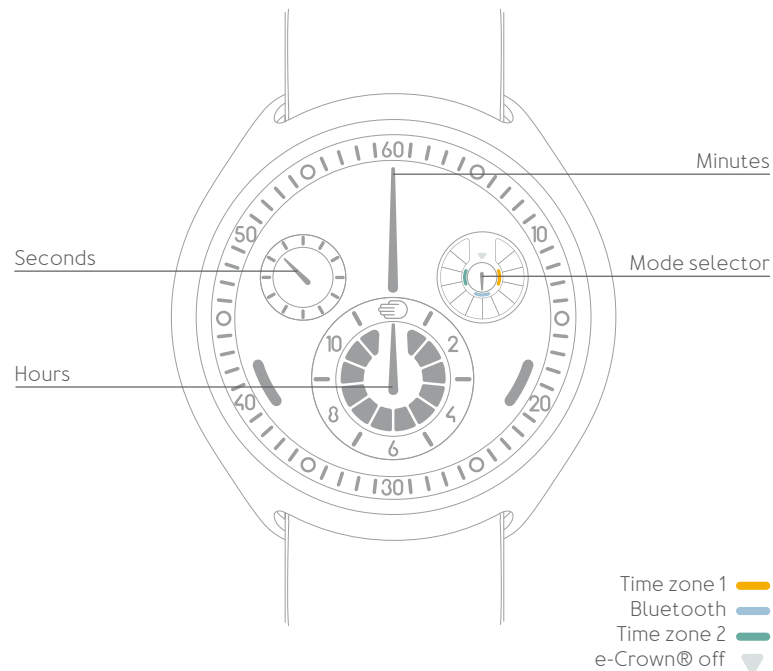
## TECHNICAL FEATURES

FUNCTIONS	· Seconds, Minutes, Hours, e-Crown® [2 automated time zones, stop seconds, self-setting, time monitoring].
MOVEMENT	· ROCS 2 module driven by the minute axle of a customised 2892/A base calibre · Self-winding · 36 hours power reserve · 28,800 vibrations per hour · 37 gears · 45 jewels
E-CROWN®	· 87 components · Four-layered 0,25mm thick flexible custom-built PCB
DIAL	· Convex [75 mm diameter] Titanium disc discs with 3 eccentric biaxial satellites inclined at 9,75° [hours] and 17° [seconds and e-Crown selector] · Custom made photovoltaic cells around the hour and e-Crown® [under 10 micro-shutters]
CASE	· 45mm diameter x 12mm thickness · Grade 5 Titanium · Double domed sapphire crystal with both sides anti-reflective coating · Manual winding over 30° and set up via folding lever on the caseback · Rotating two directions
STRAP & BUCKLE	· 22mm/20mm · Ardillon buckle
WATER-RESISTANCE	· 1 ATM [Splash-resistant]
TOTAL COMPONENTS	· 479

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## HOW TO READ THE TIME



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## GETTING STARTED

You can use your TYPE 2 either with the help of electronics, **e-Crown® On**, or without the help of electronics, **e-Crown® Off**.

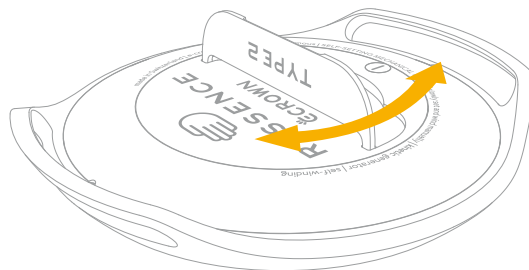
### e-Crown® Off

The TYPE 2 has a unique setting mechanism. Unlike traditional watches, the TYPE 2 has no crown for winding or setting the watch. The different actions normally carried out with a crown are done by turning the caseback of the watch clockwise and/or counterclockwise via the folding lever.

Important notice is to always turn slowly when winding or setting (6 seconds to make one revolution). We recommend to first manually wind the watch if necessary, then set the time.

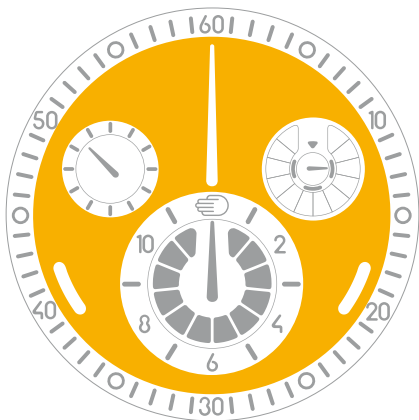
## 1. MANUAL WINDING

Turning the caseback clockwise (when looking at the caseback) will wind the watch manually over a short section (30°). The winding section starts when you feel a slightly stronger resistance. A winding sound is perceptible when rotating over the section followed by a “click” sound when leaving it. While manually winding, the time will change accordingly. It is therefore recommended to wind by slowly oscillating the caseback back and forth over the winding section about twenty times. (like a slow disc jockey would). Attention, sometimes when going over the winding section **you feel a blocking...** **Don't force it**, just try again.



## 2. TIME SETTING

The hour indication is directly connected to the minute indication. This means you will need to turn the caseback one time to add one hour. It is recommended to set the time by turning the caseback counter clockwise (when looking at the caseback).



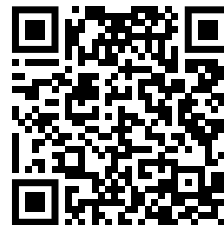
## e-Crown® On

We invite you to first download the e-Crown® app.

For IOS



For Android



Then go through the Tutorials. Our user-friendly videos will help you to learn how to activate e-Crown®, to switch modes, to connect to the app, to set time zones and to charge e-Crown.

If necessary, have a look at the Troubleshoot. Follow simply the steps if you have trouble to connect the app with your watch. Everything should work out.



## F A Q

### IS MY TYPE 2 SHOCK RESISTANT?

We have developed a special shock absorber between the base calibre and the ROCS. Nevertheless, we recommend to wear a TYPE 2 as a dress watch and not as a sports watch. It is made for your everyday life but must be treated with the care it deserves.

### IS MY TYPE 2 WATER RESISTANT?

Your watch is what we call splash resistant.  
It is not meant to go under water.

### CAN I REGISTER MULTIPLE TIME ZONES ON MY TYPE 2?

For added travel convenience, e-Crown® can register two time zones. Set the second time zone the same way as the first one and switch from one to another via the mode selector on the dial.

### CAN I USE AN APP TO SET THE TIME ZONES OF MY TYPE 2?

Ressence developed the e-Crown® app to reach an unseen level of convenience and modernity. Using Bluetooth to connect with the TYPE 2, the app displays a type in list of cities to choose from for both time zones to send directly to the smart crown.



## F A Q

### WHEN DO I NEED TO SERVICE MY TYPE 2?

Your TYPE 2 does not require more frequent servicing than a traditional watch. It is advisable to carry out a full service at an authorized Ressence Service Center once every three to five years. We recommend that you have the water resistance checked once a year. Please note the service frequency also depends on the climate and your own individual care of the watch.

### WHY DO I NOT NEED TO WIND MY TYPE 2 ANYMORE?

TYPE 2 has a power saving function (stop seconds). When the watch is not on your wrist for more than 12 hours, e-Crown® will automatically hold the barrel of the mechanical movement. When putting the watch back on your wrist, e-Crown® will release the barrel and TYPE 2 will start running again.

### HOW DOES MY TYPE 2 KNOWS THE CORRECT TIME?

TYPE 2 is not radio-controlled. When you set the watch via the lever or via the e-Crown® app, time is also registered digitally inside the watch.



## WARRANTY

### 2 YEARS FROM THE DATE OF PURCHASE

We go to great lengths to ensure that our watches are both genuine and enjoy many years of good service. Each watch comes with an individual identification serial number, which can be checked against our records to prove its authenticity. Even our warranty cards are protected against tampering - made by ProofTag, each card displays a randomly generated pattern of bubbles that is unique in positioning, shape and size. The card cannot be replicated - not even by ProofTag.

The card - once completed, dated, signed and stamped by the authorised RESSENCE retailer who sold the watch - makes the warranty valid. This guarantees our watches against all manufacturing defects for 2 years from the date of purchase. To make a claim against this warranty, please simply present your watch and completed warranty card to any authorised RESSENCE retailer. Any card stamped by a non authorised RESSENCE retailer is invalid.

The warranty does not cover damage caused by inappropriate use or handling of the watch. It excludes wear and tear, damage caused by accident or careless handling accordingly to the warranty terms.

One last thing: in the unlikely event that your RESSENCE watch needs repairing, or when the time comes to duly maintain it, all work must be conducted by an authorised Ressence Service Center. Unfortunately, failure to observe the above conditions invalidates the warranty.



## MAINTENANCE

### EVERY 3 TO 5 YEARS

A RESSENCE watch comprises many dozens of tiny, often delicate parts, carefully combined to make a robust, high precision timepiece. Each example is assembled with the utmost care - but some things are beyond our control. Shocks, magnetic fields and even gravity can, over time, affect the performance of its regulating parts - those that work to count out the passing of time, normally with such accuracy. This is true of any mechanical watch.

As such, we recommend that it undergoes a complete overhaul every 3 to 5 years, depending on how tough a life it has led. This will ensure that your RESSENCE watch enjoys a long, trouble-free life as an exemplar of precision time-keeping and high grade mechanics, and will preserve its value.

This overhaul should only be conducted at an authorised Ressence Service

Center. This will be best placed to appreciate and restore the particular intricacies of a RESSENCE watch.

We also advise that each year your RESSENCE watch undergoes a water-resistance test. This will ensure that the gaskets that protect your watch from humidity and dust remain at maximum efficiency.

The service centre can also demagnetise your watch, which will help re-establish the normal rate of operation and accuracy. It is just a fact of modern life that, thanks to our use of electronic devices, TVs and, occasionally, x-ray machines, the environment is replete with sources of strong magnetism. These can affect the running of a mechanical watch.



All RESSENCE watches undergo rigorous quality control in compliance with the highest standards of the Swiss watchmaking industry. After being pre-tested in Switzerland, the entire watch cased-up is controlled internally over a period of 500 hours. The R500H - RESSENCE 500 Hours - takes place in our headquarters and consists of the 6 following operations.

- Rating Regularity Control
- Water Resistance: 1 to 10 ATM
- Power-Reserve Control: 36 hours
- Shock Resistance
- Temperature Resistance: 5°C to 45°C
- Aesthetics Control

## OUR AWARDS



## OUR MILESTONES

Benoit Mintiens introduces three functional **PROTOTYPES** at Baselworld. Our new concept receives ecstatic reviews.

2010

We introduce the **SERIES ONE**, a 150 piece edition based on the ZERO SERIES.

2011

The **ZERO SERIES**, a limited run of 50 pieces, is launched to meet the demand of connoisseurs around the globe. It sells out.

2012

We release the **TYPE 1**, our most stripped back watch to date.

2013

The **TYPE 3**, the first ever oil-filled mechanical watch takes the watch industry by surprise. It is applauded as one of the most innovative watches of the year.

2014

The Cultural Council of the FHH certifies that RESSENCE meets **HAUTE HORLOGERIE** standards of excellence, the techniques of watchmaking in symbiosis with the applied arts.

2015

**TYPE 5**, the first mechanical diver watch to be perfectly readable underwater regardless of the viewing angle, is launched.

2016

We release the **TYPE 2**

2017

**TYPE 1<sup>2</sup>**, the first cushion shaped RESSENCE is launched.

2018

## CONTACT US

We welcome questions, suggestions and inquiries.  
Feel free to contact us. Your details will be treated confidentially.

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Download your manual at:  
[www.ressencewatches.com/um](http://www.ressencewatches.com/um)