










# INSTRUCTION MANUAL AND WARRANTY

## HASTROID

**HYT**  
FLUIDIC MECHANICAL HOROLOGY

## TABLE OF CONTENT

	<b>GLOSSARY</b>	p.2
	<b>WARRANTY</b>	p.3
	<b>PRECAUTIONS FOR USE</b>	p.4
	<b>QUICK GUIDE</b>	p.5
	<b>WINDING</b>	p.6
	<b>SETTING THE TIME</b>	p.7
	<b>SETTING THE TIME COUNTER CLOCKWISE</b>	p.8
	<b>DISPLAY EXAMPLES</b>	p.8
	<b>POWER RESERVE INDICATOR</b>	p.9

## GLOSSARY

### **Bellows:**

The bellows are the two reservoirs located at 6 o'clock. They are made of a highly resistant and flexible alloy, which is four times finer than a human hair. The movement compresses the left bellow which is emptied of its coloured liquid. The other bellow then fills up, and vice versa, moving the liquid in the capillary, and with it the meniscus that shows the time.

### **Capillary:**

This tube, made from top quality glass, such as is used in the medical industry, is circular and contains two immiscible liquids. A surface treatment is applied to the inside of the capillary, which allows the two liquids to move without adhering to the glass.

### **Fluid module:**

To create a liquid time indicator that is compact and wearable, HYT has developed a completely new hi-tech concept, using two flexible bellows at each end of a capillary tube. The system is sealed in accordance with the strictest standards applied in the aerospace industry, with each bellow containing immiscible liquids. The exclusive patented fluid module represents this complete system.

Protected by seven patents, this invention was honored by the Grand Prix d'Horlogerie de Genève, which awarded it the Innovation Prize in 2012.

### **Meniscus:**

The two liquids are separated by their intrinsic repulsive properties. The meniscus marks the separation surface of the liquids in the tube, showing the time.

### **Rewind:**

When the coloured liquid gets to 6 o'clock (zone II), it goes into rewind mode and flows back to its original position (zone I).

## WARRANTY

In this manual, you will find basic instructions for the use and maintenance of your watch.

Each HYT watch has an individual identification number, which guarantees both its authenticity and the fact that all work related to its creation was supervised by a master watchmaker [sic].

Each HYT watch has a fluid module. This mechanism allows the time to be displayed through a meniscus. The meniscus marks the limit between the two immiscible fluids in the capillary. The movement of the watch drives the module through the bellow set on the main plate. Only a professional watchmaker approved by HYT can replace this fluid system. It also has a unique serial number.

On the card you received when you purchased your watch is a QR code that gives you access to this document which serves as a warranty certificate for your HYT watch.

The warranty is activated when you purchase from our network of HYT approved dealers.

You must show your warranty card to be eligible to use the warranty for any repairs or checks.

Your HYT watch is guaranteed against any manufacturing defect for five years as of the date of purchase, if the watch was bought from an approved HYT dealer. Nonetheless, this warranty does not cover damage caused by incorrect handling or use of the watch.

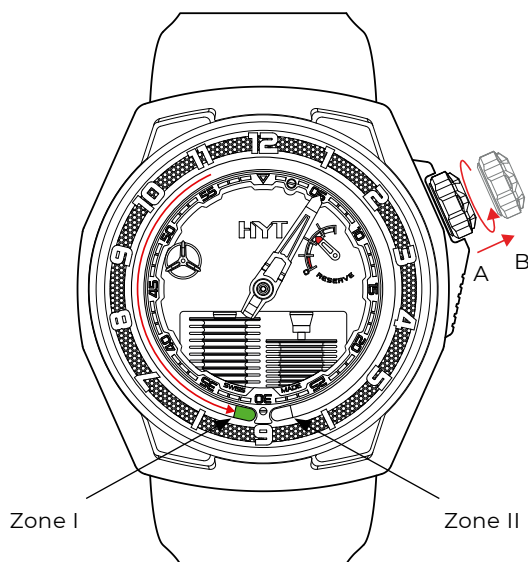
For any service, repair or maintenance work, please make sure that you only use dealers approved by HYT or our customer service department. You will find the list of our network of approved dealers on our website [www.hytwatches.com](http://www.hytwatches.com).

Any repair or maintenance work carried out by third parties not approved by HYT automatically voids the warranty. The damage caused must then be repaired at your expense.

## PRECAUTIONS FOR USE

Your HYT watch is set and ready to wear.

The time is displayed with two liquids. One is coloured and the other is transparent. One shows the time that has passed, while the other liquid shows the time to come. Their meeting point is a meniscus in the capillary, i.e. the time now.



**Important:** if you do not intend to wear the watch for some time, the coloured liquid must be kept in its own Below (left piston).

To do this, pull the crown into position B, and turn it to put the time forward to 06:15. Then turn it in the reverse direction to go back to 06:00 precisely. You will note at that moment that the coloured liquid goes into return mode up to its original position and the transparent liquid takes its place.

Once the winding stage is finished (coloured liquid in «Zone I»), make sure the crown remains in time-setting position B. Your watch can now be stored for a long period.

It is normal to find that a little of the coloured liquid remains visible in «Zone I».

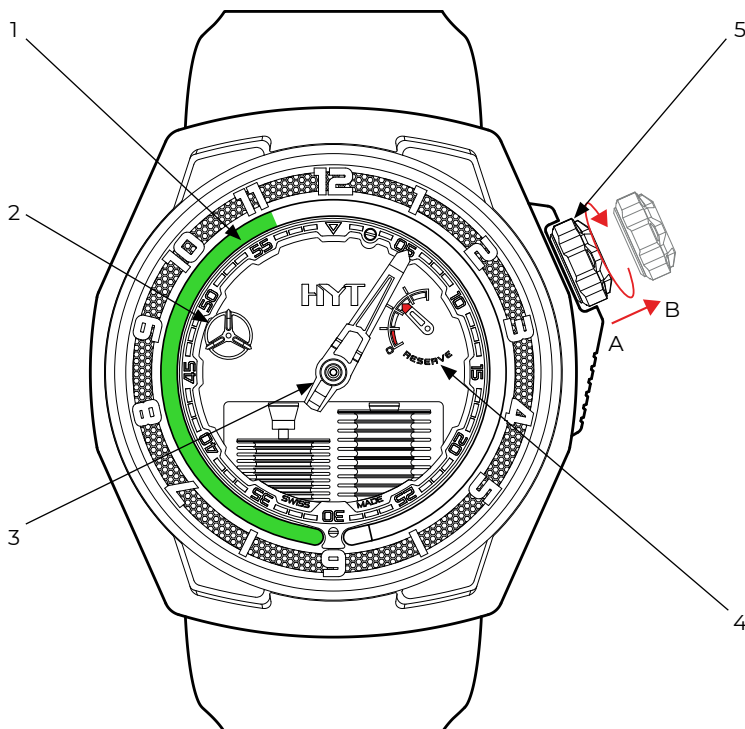
Manufactured and tested applying very strict standards, the components of your HYT watch form an airtight assembly. To ensure that it maintains these properties, we recommend that you have the seals replaced during an inspection by an approved dealer. Variations in temperature, humidity, perspiration or repeated impacts can affect its water resistance over the years. We advise you carry out an inspection every 5 years.

With its waterproof casing, your HYT watch is completely washable. It must be cleaned regularly using warm soapy water, rinsed and then carefully dried with a soft cloth.

Following exposure to sea water, rinse your HYT watch in fresh water.

Make sure you do not expose your watch to temperatures above 50°C (122°F) for too long.

## QUICK GUIDE



1. Time display (hours)  
Capillary
2. Seconds hand
3. Minutes hand
4. Power reserve indicator  
(100% = 72 hours)
5. Crown setting  
Pos A: winding  
Pos B: setting the time  
(pulled out)

## WINDING Pos. A



### INTRODUCTION

This function ensures that the power necessary to operate your watch is stored by the movement.

### HOW TO USE

Wind the watch by turning the crown clockwise as in «A».

## SETTING THE TIME Pos. B



Turning the crown once is the equivalent of a change of around 15 minutes.

### INTRODUCTION

This function allows the time shown on your watch to be set using the crown.

### IMPORTANT

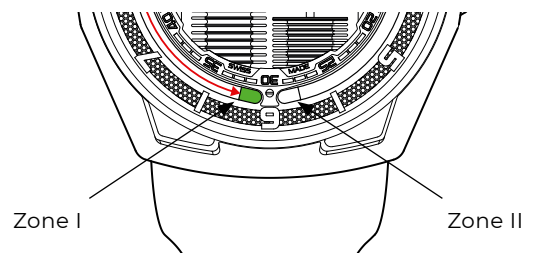
- The microfluids in the capillary move with the gentle rotation of the crown.
- It is recommended that the fluid is moved by only 15 minutes by touching the crown.

### HOW TO USE

- Pull the crown out to position «B».
- Then turn the crown in either direction until the coloured liquid (hour display) and the minute hand are at the time required.

### REWIND

The automatic return of the coloured liquid (rewind) is allowed by the pressure of the two bellows. It can take up to 1 minute for it to return from zone 2 to zone 1. It is strongly advised that you wait for the coloured liquid to return completely to zone 1 before you continue to set the time.

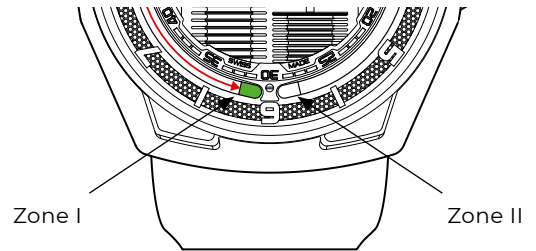




## SETTING THE TIME COUNTER CLOCKWISE

### IMPORTANT

When the coloured liquid is in zone 1, do not correct the time in the direction opposite to the watch hands.



### DISPLAY TIME EXAMPLES

1) 6:00



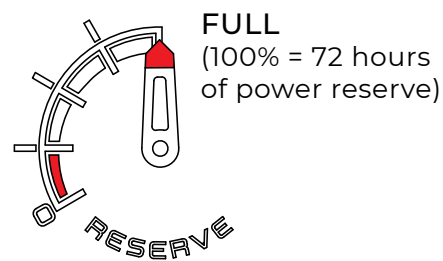
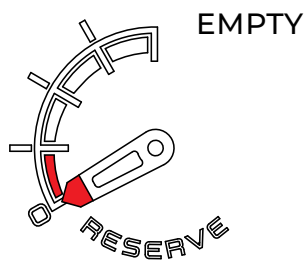
2) 10:35



3) 5:50



## POWER RESERVE INDICATOR



### INTRODUCTION

The display uses a small hand on the dial which moves in a circular arc from the «full» (thick) indicator to the «empty» (thin) indicator.

### HOW TO USE

- Full indicator
- (72 hours' power reserve).
- To ensure optimal operation of the watch, we recommend that you check it is fully wound (see WINDING).