



# HYT Flow Dynamic Smart Watch Instruction Manual

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INSTRUCTION MANUAL  
AND GUARANTEE  
FLOW

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## GUSRANTEE

In this manual, you can find the basic instructions for using and maintaining your watch. Each HYT watch bears an individual identification number, which guarantees both its authenticity, and that all the work involved in its creation has been supervised by a master watchmaker.

Each HYT watch is equipped with a fluidic module<sup>1</sup>. This device enables the time to be displayed via the meniscus<sup>2</sup>. The meniscus marks the boundary between the two immiscible fluids in the capillary. The watch movement drives the module via the bellows<sup>3</sup> fixed on the main plate. Only a professional watchmaker approved

by HYT can replace this fluidic system. It bears a unique serial number.

The card you received when you purchased your watch is the electronic guarantee certificate for your HYT watch.

The QR Code on the front of your card gives you access to your watch's userguide and offers you the possibility to activate the guarantee. You must present your activated guarantee card to be entitled to the guarantee.

Your HYT watch is guaranteed against all manufacturing defects for five years from the date it was purchased, if the watch was purchased from an approved HYT retailer. This guarantee does not however cover damage caused by incorrect handling or improper use of the watch.

For any service, repair or maintenance procedure, please ensure you only use retailers approved by HYT or our customer services.

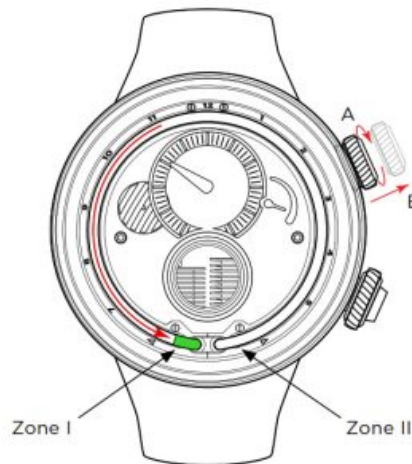
You can find the list of our network of approved retailers on our website [www.hytwatches.com](http://www.hytwatches.com).

Any repair or maintenance work carried out by third parties who have not been approved by HYT will automatically void the guarantee. Any damage caused will then have to be repaired at your expense.

## PRECAUTIONS FOR USE

Your HYT watch is set and ready to be worn.

Time is displayed with two liquids. One is colored, the second one is transparent. One shows the elapsed time, while the other liquid illustrates a time yet to come. Their meeting point is a meniscus in the capillary", aka the now.











**Important:** If you plan to not wear the watch for a while, the colored liquid has to be stored in its own reservoir (on the left bellow<sup>3</sup>).

To do this, pull the crown out to position B (time setting). Allow the colored liquid to move into "Zone II" until it starts rewinding. Once the rewinding phase is complete (colored liquid in "Zone I"), ensure that the crown remains in the time setting position B. Your watch is now ready to be stopped for an extended period.

The capillary<sup>4</sup> is then filled with transparent liquid (it is possible to still see some colored liquid in "Zone I").

Produced and tested to stringent criteria, the constituent components of your HYT watch together form an exceptionally water resistant unit. To ensure these qualities are preserved, we recommend that you have the gaskets replaced during a service at an authorized retailer. Temperature variations, moisture, perspiration or repeated impacts may adversely affect its water resistance over the years.

With its water resistant case, your HYT watch is fully washable. It should be cleaned regularly in lukewarm, soapy water, rinsed and then carefully dried with a soft cloth. After exposure to sea water, rinse your HYT watch in fresh water.

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## GLOSSARY

### 1. Fluidic module:

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

### 2. Meniscus:

The two liquids are separated by their intrinsic repulsive properties. The meniscus marks the surface separating the liquids in the tube, indicating the time.

### 3. Bellows:

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

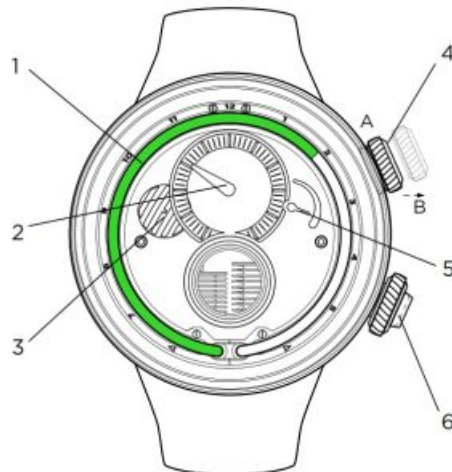
### 4. Capillary:

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

### 5. Rewind:

When the colored liquid gets to 6 o'clock (Zone II), it switches to rewind mode, flowing back to its original position (Zone I).

## QUICK GUIDE



1. Time display (hours)

2. Minutes hand

3. Seconds display

4. Crown settings

Pos A.: winding

Pos B.: setting the time (pulled out)

5. Power reserve indicator (65 hours)

6. Light system

a.: wind the crown to charge the light system

b.: press the pusher to activate the light system

## WINDING

Pos A.



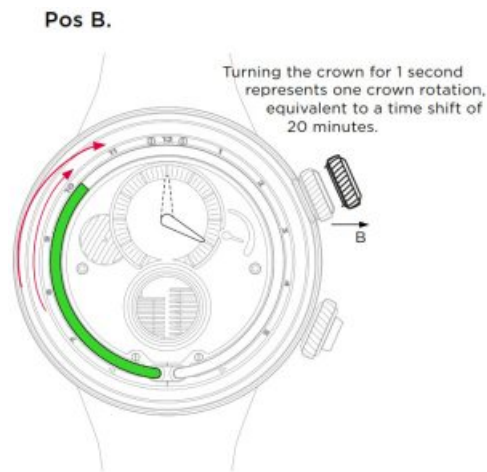
## INTRODUCTION

This function ensures that the power required to drive your watch is stored by the movement.

### HOW TO USE

- Wind the watch by turning the crown clockwise "A"

## SETTING THE TIME



## INTRODUCTION

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

## IMPORTANT

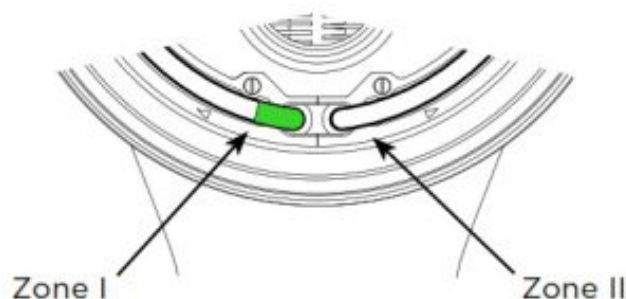
- The microfluids in the capillary are moved via the smooth turning of the crown.
- We recommend moving the fluid by a 20-minute interval per crown manipulation.
- This means it should take three manipulations of 1 second to move the fluid a distance equivalent to 1 hour.

## HOW TO USE

- Pull out the crown to position “B”
- Then turn the crown in either direction until the colored liquid (hour display) and the minutes hand is at the time required

## REWIND

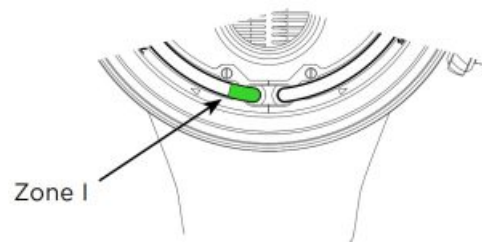
- The automatic return of the colored liquid (rewind)<sup>5</sup> is allowed by the pressure of the two bellows. The speed is higher when the rewind starts in “Zone II” and is minimal when the liquid approaches its starting point in “Zone I”.



## SETTING THE TIME COUNTER CLOCKWISE

It is possible to set your watch counter clockwise.

**Warning:** counter clockwise movement of the crown must be stopped when the colored liquid reaches “Zone I”.



## DISPLAY TIME EXAMPLES

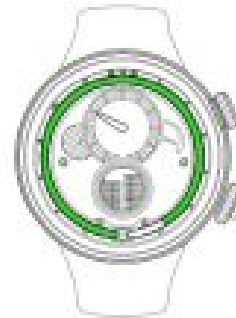
1) 6:00



2) 10:35



3) 5:50



## POWER RESERVE INDICATOR



Empty



Full  
(65 hours of  
power reserve)

## INTRODUCTION

The display uses a small hand on the dial which travels in an arc from the “full” indicator (thick) to the “empty”

indicator (thin)

## HOW TO USE

- To ensure optimal operation of the watch, we recommend that you check it is fully wound (see WINDING).

## PUSH-BUTTON CROWN

### ACTIVATING THE LIGHT SYSTEM



## INTRODUCTION

This function activates the light system for your watch.

## HOW TO USE

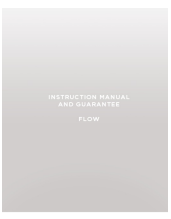
- Wind the push-button by turning the crown clockwise “A”
- Press the push-button on the crown to activate the light system by converting mechanical power into light “B”.

If the generator has been fully wound, the light system can be activated several times by pressing the push-button, or it can be activated continuously by pressing and holding the push-button until the generator is drained.

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## Documents / Resources

	<p><a href="#">HYT Flow Dynamic Smart Watch</a> [pdf] Instruction Manual Flow Dynamic, Smart Watch, Flow Dynamic Smart Watch</p>
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