Acknowledgements

We would like to thank you for choosing a TISSOT watch, a Swiss brand among the most highly renowned in the world. Your SEA-TOUCH watch has the most recent technical innovations. It gives you a constant analogue time display and a variety of digital displays. In addition, the following functions can be accessed simply by touching the glass: Alarm, Compass, Temperature, Dive, Logbook, Chronograph.
WARNING

TISSOT TACTILE WATCHES MUST ONLY BE SERVICED BY TISSOT’S AUTHORIZED CUSTOMER SERVICE CENTERS, WHICH ARE LOCATED IN OVER 160 COUNTRIES.
 FUNCTIONS

**Activate touch-sensitive glass / Activate light**

**Time zone 1**
- CENTRE - Date
- CENTRE - Time 1
- CENTRE - Time 2
- CENTRE - Options
- ALARM - Alarm

**Time zone 2**
- T1
- T2

**Touch-sensitive glass active**

- **ACTIVATE TOUCH-SENSITIVE GLASS**
- **ACTIVATE LIGHT**

- **COMPASS** - Compass
- **COMPASS** - Calibration
- **THERMO** - Thermometer
- **DIVE** - Depth & Dive speed
- **LOGBOOK** - Visualization of saved dives
- **CHRONO** - Chronograph

Water resistance: 10 bar (100 m / 330 ft)

Battery type: button-type lithium-manganese dioxide primary battery cell.

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GENERAL USER INFORMATION

Activating the touch-sensitive glass

1 sec.

27 12 20 7

When the glass is activated, the symbol will flash on the digital display.

If the watch is not manipulated, it will automatically deactivate after 15 seconds.

Exception: in compass mode, the glass will deactivate after 30 seconds.

Activating the light

2 sec.

The display light will stay on for 5 seconds.

Select a function

Touch one of the 7 touch-sensitive areas of the glass to activate the corresponding function.

Setting mode

2 sec.

Display mode

Activate the glass

21 12 20 7

Date display = Default display

[10:10:10]

Time 1 display: T1

[12:10:10]

Time 2 display: T2

Options Display

Return to Date display

 Setting > TIMES T1 & T2

Pressing and holding or will move the hands forward or backward. After a full revolution, the minutes hand will stop and the hour hand advances/reverses in steps of one hour. Time T2 is set in steps of 15 minutes relative to T1.

Activate glass

Time T1 or T2 display (example: T1)

Setting mode

Validate setting

\[ \text{a}) \text{ The seconds restart at zero} \]

\[ \text{b}) \text{ The seconds continue} \]

 Setting > DATE

The calendar is perpetual, i.e. the number of days per month is predefined. In continuous setting, the days scroll past slowly at first, and then quicker. After a full month, the calendar scrolls in months, and then likewise in years.

Activate glass

Date display

Setting mode

Validate setting

\[ \text{a}) \text{ Forward one day} \]

\[ \text{b}) \text{ Back one day} \]
**READING > OPTIONS**

- **Activate glass**
- Options display (see page 4)
- Switch to sub-menus: Units display
- Beep display
- Automatic switch to standby mode after 10 seconds
  Beep every second

**SETTING > UNITS**

- Units display
- Setting mode
- Select mode 12/24 hours – in 12 hour mode, AM or PM appears in the display below the time
- Select Mode "º C" or "º F"
  Validate setting.
  Selecting 12 hour mode displays the date in the format MM/DD/YY (month, day, year), and 24 hour mode in the format DD/MM/YY (day, month, year).

**SETTING > BEEP**

- Beep display
- Setting mode
- Activated = on
  Deactivated = off
  Validate setting
  Deactivating the sound silences adjustment beeps but not the alarms.
**SETTING > STANDBY**

Standby mode is a battery economy mode. All the functions are deactivated, with only the time & date counters updated. This mode economises the battery when the watch is not being worn.

- **Automatic switch to standby mode after 10 seconds**
- **Beep every second**

**a)** The watch is in standby

**b)** / : stop the count, the watch does not switch to standby mode

- **Back to time & date mode**

**SETTING > SYNCHRONISATION**

The watch needs to be synchronised if the watch hands do not display the same time as the digital display, or if they are not correctly superimposed when accessing the functions.

The watch is desynchronised when its electric motor's mechanism is disturbed due to heavy impacts for example.

N.B.: The glass must be active to access the synchronisation mode.

- **Synchronised**
- **Desynchronised**

**Units display**

- **24h°C**

**Synchronisation setting mode**

- **Position the hour hand at 12 o'clock**
- **Validate setting**
- **Position the minutes hand at 12 o'clock**
- **Validate setting**

**Return to Time T mode**
**ALARM**

The alarm is associated with time T1. An alarm lasts 30 seconds, without repeating. When the programmed time is reached, you can stop the alarm by pressing one of the push-buttons.

**SETTING > ALARM**

**COMPASS**

The minutes hand points to geographic North, factoring in the magnetic declination setting. In compass mode, the digital screen displays the azimuth (angle between Heading/12 o’clock and the North/minutes hand).

**SETTING > COMPASS > MAGNETIC DECLINATION**
Compass

In compass mode, your SEA-TOUCH indicates the True North Pole, factoring in magnetic declination.

Compass explanations
The vertical lines (meridians) on the Earth converge at the True North Pole (Ng), indicating its direction. The hand of a conventional compass indicates the direction of the Magnetic North Pole (Nm). The angle (α) between these two directions Ng and Nm is known as magnetic declination. The magnetic declination value depends on your location on Earth. Furthermore, the Magnetic North Pole is constantly moving. So the magnetic declination value also depends on the date. If the correct magnetic declination value (for the location and date) is set (see the setting procedure on page 7), the minutes hand of your SEA-TOUCH will point to True North (Ng). If the magnetic declination is set to 0, your SEA-TOUCH will point to Magnetic north (Nm). The magnetic declination values and dates are indicated on topographic charts, or can be found using special software available on the Internet.

For Switzerland: http://www-geol.unine.ch/geomagnetisme/Representation.htm
For the whole world: http://www.ngdc.noaa.gov/geomag/magfield.shtml

Azimuth
In compass mode, your SEA-TOUCH LCD indicates the azimuth (heading) that you need to turn to.

Azimuth explanations
The azimuth is the horizontal angle between the direction of an object (heading) and True North and is measured in degrees from 0° to 359° (e.g.: East = 90°). In compass mode 12 o’clock represents the heading given by the azimuth relative to True North.

Note 1
For a correct indication of North, it is extremely important to hold the watch as level as possible.

Note 2
The compass function, like any other compass, should not be used near a metal or magnetic mass. In case of doubt, you can recalibrate your compass.

Characteristics of function
Accuracy: ± 8°
Resolution: 2°
**Thermometer**

**Description of function**
In thermometer mode, your SEA-TOUCH displays the ambient temperature.

**Explanations**
The temperature displayed corresponds to that of the watch case, so this temperature is influenced by your body temperature. That is why the temperature displayed may differ from the ambient temperature.

To display the actual ambient temperature, the watch needs to be taken off for 15 to 30 minutes, in order to be free from the influence of body temperature.

Under water the thermometer will show you the water temperature. The body temperature will not influence this measure. However the watch will need a few minutes to adapt from the air temperature to the water temperature when going into the water.

**Characteristics of function**
The temperature can be displayed in degrees Celsius [°C] or degrees Fahrenheit [°F]. (See procedure to follow for changing units on page 5).

- **Conversion formulae:**
  \[ T^\circ_C = (T^\circ_F - 32) \times \frac{5}{9} \]
  \[ T^\circ_F = T^\circ_C \times \frac{9}{5} + 32 \]

- **Measurement range:**
  – 5°C to +55°C / 23°F to 130°F

- **Accuracy:**
  ± 1°C / ± 1.8°F

- **Resolution:**
  1°C / 1°F

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**Dive > Manual Start & Stop**

**Description of function**
In dive mode, you can measure the water depth and dive speed.

**Explanations**

- **Start Dive manually**
  - Dive display
  - Start Dive manually
  - LCD check - hands in zero position for depth and dive speed
  - Dive mode active - elapsed time in LCD, minutes hand shows depth in meters or feet on bezel, hours hand shows dive speed in m/min or ft/min on dial

- **Stop**
  - Only above depth limit 1m40:
    - Short pressure on center push-button after short dive below 3 minutes.
    - Long pressure on center push-button after long dive over 3 minutes.
DIVE > AUTOMATIC START & STOP

The watch automatically starts the dive mode at the latest 5 seconds after the depth limit of 1 m 40 (4.5 feet). The dive is saved in the logbook if the dive lasts more than 15 seconds.

Dive mode active - elapsed time in LCD, minutes hand shows depth in meters or feet on bezel, hours hand shows dive speed in m/min or ft/min on dial.

Diver comes back to surface (above depth of 0.50 m / 1.64 feet): Time stopped and flashing in LCD. (see examples below)

Maximum dive time of 3 hours.

Maximum dive depth is 59 m / 199 ft.

Maximum speed of ascent and descent is 29.3 m/min or 88 ft/min.

DIVE > EXAMPLES

1. Snorkeling with manual start

If the dive length doesn’t exceed 3 minutes, the dive is automatically stopped when the diver stays more than 10 seconds at the surface. The diver can stop the current dive manually by pressing the middle push-button, as long as the depth is above 1.40 m.

All dives with manual start are saved in the logbook.

2. Diving with breathing apparatus and automatic start

If the dive lasts more than 3 minutes, the dive mode stops automatically after 5 minutes, at the surface. The dive is saved.

DIVE > AVAILABLE FUNCTIONS UNDER WATER

Under water during the dive, the tactile glass is deactivated. You can access the compass, the thermometer and the backlight by using the push-buttons.

Compass during dive

Thermo during dive

Backlight during dive

Dive mode

Compass Display, active during 15 seconds

Thermo Display, °C or °F active during 15 seconds

Backlight active during 15 seconds

Back to Dive mode
LOGBOOK
For all steps, if no manipulation of watch during 15 seconds, the glass desactivates and display shows LOG.

Activate glass

LOGBOOK display choose by date

Choose date

Choose dive time on chosen date

Choose max. depth & dive duration

Presaved dive simulation

To launch this simulation, choose the oldest dive date saved in the logbook. See diagram.

Log: depth (m)

Time (min)

To launch this simulation, choose the oldest dive date saved in the logbook. See diagram.

Hands: show depth on bezel
Display: shows elapsed dive duration

Save as best dive?

Save as best dive?

Back to LOGBOOK display DATE or DEEP as chosen before

Back to LOGBOOK display BEST

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**CHRONO**

Resolution: 1/100 sec / Measurement range: 99 hrs 59’59” and 99/100 sec

- **Activate glass**
- **Chrono display**
- **Start chrono**
- **Stop chrono**

- **Split (partial time)**
  - **Start chrono**
  - **a) Flashing stop with partial time displayed, and chrono running in background**
  - **b) Restart the chrono counting the elapsed time**

- **Reset**
  - **Stop chrono**
  - **Reset chrono**

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**WARNINGS**

Battery type: button-type lithium-manganese dioxide primary battery cell.

Your TISSOT SEA-TOUCH is **NOT** a scuba-diving watch and the measurements of the TISSOT SEA-TOUCH are not of a professional or industrial precision.

Your TISSOT SEA-TOUCH **does NOT** replace a professional dive computer. You can use the TISSOT SEA-TOUCH as a back up instrument only.

**Warning!**

After each dive, please rinse and clean the watch thoroughly using only clear fresh water. Do not use any form of detergent.

The pressure gauge shows a diving depth of up to 59 m / 189 ft. Even if you dive deeper, the display will continue to show a diving depth of 59 m / 189 ft. The maximum diving time that can be displayed and registered is 180 minutes / 3 hours.

For your security do not dive deeper as international diving standards recommended: i.e. 30 m / 100 ft.